

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 23:08:22
First Dose M/F: NA / NA
Lab: HAZLETON

C Number: C55914
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: 12/23/1991

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CD-1 CRL Mouse Male DMBA/TPA	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		1	3	3	1	3	1	1	3	1	2	3	2	3	1	1	1	1	1	3	3	1	3	1	3	3	1	2	3	1	1	1	1	1	
		4	9	9	4	2	8	4	5	4	5	2	2	8	4	4	4	4	4	2	8	4	9	4	9	9	4	3	8	4	4	8	8		
		1	0	0	1	7	5	1	5	1	9	9	2	8	1	1	1	1	1	0	8	2	5	6	4	4	2	0	8	8	2	2	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	0	0	

Endocrine System

Adrenal Gland, Cortex +
 Adrenal Gland, Medulla +

General Body System

Tissue NOS +
 Abscess 4

Genital System

Epididymis
 Cyst
 Penis +
 Preputial Gland +
 Dilatation 3
 Seminal Vesicle
 Inflammation, Chronic

Hematopoietic System

Lymph Node + + + + + + + + + + + + + + + + + +
 Abscess
 Axillary, Abscess 4 3
 Axillary, Cyst X X
 Axillary, Depletion Lymphoid 3
 Axillary, Hyperplasia 4 3 4 3 4 3 4 4 4 4 4 3 4 4 2 4 4

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
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 BLANK ..Not examined microscopically
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CD-1 CRL Mouse Male DMBA/TPA	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	1	3	3	1	3	1	1	3	1	2	3	2	3	1	1	1	1	1	3	3	1	3	1	3	3	1	2	3	1	1	1
	4	9	9	4	2	8	4	5	4	5	2	2	8	4	4	4	4	2	8	4	9	4	9	9	4	3	8	4	4	8	
	1	0	0	1	7	5	1	5	1	9	9	2	8	1	1	1	1	0	8	2	5	6	4	4	2	0	8	2	2	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Axillary, Hyperplasia				4		3	4	3	4				3	4	4	4	4	3	4		4			2			4	4			
Cyst																															
Hematopoietic Cell Proliferation																															
Hyperplasia																															
Hyperplasia, Reticulum Cell			3																												
Inguinal, Hyperplasia													3																		
Lumbar, Hyperplasia																															
Mediastinal, Abscess																															
Mediastinal, Hyperplasia																															
Renal, Hyperplasia																															
Lymph Node, Mandibular																															
Cyst																															
Depletion Lymphoid																															
Hematopoietic Cell Proliferation																															
Hyperplasia																															
Lymph Node, Mesenteric																															
Hematopoietic Cell Proliferation																															
Hyperplasia																															
Spleen																															
Amyloid Deposition																															
Granuloma																															
Hematopoietic Cell Proliferation																															

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DAY ON TEST	CD-1 CRL Mouse Male DMBA/TPA																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Integumentary System

Skin				+	+	+	+		+		+	+	+	+		+	+	+		+		+		+		+		+	
Other, Abscess				4																									
Other, Acanthosis				2	3	2	2		2		3	2	2	2		2	3	2		3		2		2		2		2	
Other, Acanthosis, Focal												4																	
Other, Edema																													
Other, Exudate				X	X	X	X		X		X	X		X		X	X		X		X		X		X		X		
Other, Hyperkeratosis				2	2				1		2		2	2		1		1	2		2		2		1		1		
Other, Inflammation, Subacute				3	4	4	4		4		3	4	3	4		4		3	4		4		4		4		4		
Other, Ulcer				2	4	4	4		4		3	3	3	4		4		4	4		4		4		4		4		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperkeratosis																													
Inflammation, Subacute																													
Skin, SOA-Mass	+	+	+					+		+	+	+			+		+	+	+	+		+		+	+		+	+	
Abscess												4																	
Acanthosis																										1			
Acanthosis, Focal	4	4						4		4		4		4					4				3			2			
Exudate											X																		
Hyperkeratosis, Focal																												2	
Hyperplasia, Mast Cell, Focal				2																									
Inflammation, Subacute				2																									
Inflammation, Suppurative								4																					

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	3	3	1	3	1	1	3	1	2	3	2	3	1	1	1	1	1	3	3	1	3	1	3	3	1	2	3	1	1	1
	4	9	9	4	2	8	4	5	4	5	2	2	8	4	4	4	4	2	8	4	9	4	9	9	4	3	8	4	4	8	
	1	0	0	1	7	5	1	5	1	9	9	2	8	1	1	1	1	0	8	2	5	6	4	4	2	0	8	2	2	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Sebaceous GI, Hyperplasia																														
Skin, SOA-No Mass	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+
Abscess																														
Acanthosis	3	2	2	3	2	2	2	3	2	3	2	2	2	3	3	2	2	3	2	2	2			3	1	2		2	2	2
Cyst Epithelial Inclusion																														
Exudate	X			X	X	X	X	X	X				X	X	X	X	X	X	X	X			X				X	X	X	
Hyperkeratosis	1			2		2	4	2	2	2		2	2	2	2	2	2	2	1	2		2	2		1	2	1	1	2	
Inflammation, Subacute	4	1		3	2	2	4	2	4	2		1	3	3	1	3	4	2		1	3		2			2	4	2		
Ulcer	4			2			4		2				4	2	2	4	4		2		4		3			4	4			
Musculoskeletal System																														
NONE																														
Nervous System																														
NONE																														
Respiratory System																														
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																														
Alveolus, Infiltration Cellular, Histiocyte							1		1			2							1											
Congestion																														
Hemorrhage																2														
Interstitial, Inflammation												2								2	2				2		3			
Interstitial, Inflammation, Chronic, Focal			2				1																	2						

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 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/TPA	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	3	3	1	3	1	1	3	1	2	3	2	3	1	1	1	1	1	3	3	1	3	1	3	3	1	2	3	1	1	1
	4	9	9	4	2	8	4	5	4	5	2	2	8	4	4	4	4	4	2	8	4	9	4	9	9	4	3	8	4	4	8
	1	0	0	1	7	5	1	5	1	9	9	2	8	1	1	1	1	1	0	8	2	5	6	4	4	2	0	8	2	2	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Leukocytosis						3				3	2							2									2	2			4
Special Senses System																															
Ear																															
Eye																															
Cataract																															
Cornea, Inflammation, Chronic																															
Inflammation, Suppurative																															
Retrolbulbar, Inflammation, Subacute																															
Urinary System																															
Kidney																															
Abscess																															
Cortex, Atrophy																															
Infiltration Cellular, Plasma Cell, Focal																															
Nephropathy																															
Papilla, Necrosis																															
Prox Con Tub, Vacuolization Cytoplasmic																															

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	2	1	3	3	3	3	1	2	1	2	3	1	1	3	1	1	1	2
	1	4	4	5	9	0	4	4	9	4	6	9	4	4	9	4	3	4	7
	9	9	2	2	4	4	2	2	8	2	2	4	2	2	4	2	0	2	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

Esophagus																				1		
Intestine Small, Ileum								+													1	
Amyloid Deposition																						1 3.0
Granuloma																						1 4.0
Liver								+													+	8
Abscess																						4 5 4.0
Amyloid Deposition																						4 2 3.5
Angiectasis																						1 3.0
Hematopoietic Cell Proliferation																						3 3.0
Necrosis																						4 5 2.4
Pancreas																						1
Abscess																						1 4.0
Salivary Glands																						+
Hemorrhage																						2 1 2.0
Necrosis																						3 1 3.0

Cardiovascular System

Heart																						+	4
Abscess																							1 4.0
Atrium, Thrombosis																							X 1
Epicardium, Inflammation, Suppurative																							3 1 3.0
Inflammation, Chronic, Focal																							1 3.0

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	2	1	3	3	3	3	1	2	1	2	3	1	1	3	1	1	1	2
	1	4	4	5	9	0	4	4	9	4	6	9	4	4	9	4	3	4	7
	9	9	2	2	4	4	4	2	8	2	2	4	2	2	4	2	0	2	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Endocrine System

Adrenal Gland, Cortex 1
 Adrenal Gland, Medulla 1

General Body System

Tissue NOS + + 3
 Abscess 3 4 3 3.7

Genital System

Epididymis + 1
 Cyst X 1
 Penis 1
 Preputial Gland 1
 Dilatation 1 3.0
 Seminal Vesicle + 1
 Inflammation, Chronic 3 1 3.0

Hematopoietic System

Lymph Node + + + + + + + + + + + + + 33
 Abscess 4 1 4.0
 Axillary, Abscess 2 3.5
 Axillary, Cyst 2
 Axillary, Depletion Lymphoid 1 3.0
 Axillary, Hyperplasia 2 4 4 3 3 4 4 4 4 4 4 27 3.6

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	3	2	1	3	3	3	3	1	2	1	2	3	1	1	3	1	1	2			
	1	4	4	5	9	0	4	4	9	4	6	9	4	4	9	4	3	4	7		
	9	9	2	2	4	4	2	2	8	2	2	4	2	2	4	2	0	2	9		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7			
9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0			
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0			
Axillary, Hyperplasia	2		4					4	3	3			4	4	4	4	4	4	27	3.6	
Cyst																			1		
Hematopoietic Cell Proliferation																			1	3.0	
Hyperplasia							3		3					3					4	3.0	
Hyperplasia, Reticulum Cell																			1	3.0	
Inguinal, Hyperplasia																			2	3.0	
Lumbar, Hyperplasia											3								1	3.0	
Mediastinal, Abscess						4													1	4.0	
Mediastinal, Hyperplasia					4														1	4.0	
Renal, Hyperplasia											3								1	3.0	
Lymph Node, Mandibular			+						+	+	+		+	+	+		+	+	+	23	
Cyst																			1		
Depletion Lymphoid																			1	3.0	
Hematopoietic Cell Proliferation																			1	4.0	
Hyperplasia			4						4	4	3		3	4	4		4	4	4	21	3.6
Lymph Node, Mesenteric						+					+							+	4		
Hematopoietic Cell Proliferation																		4	2	4.0	
Hyperplasia						4					3								2	3.5	
Spleen	+	+	+	+	+	+	+	+	+		+		+	+	+	+	+	+	42		
Amyloid Deposition	3			2	2		3											3	9	2.6	
Granuloma						4													1	4.0	
Hematopoietic Cell Proliferation	3	3	4	4	3	4	4	3	4		4		3	3	4	3	4	3	4	42	3.5

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:25
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/TPA	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	2	1	3	3	3	3	1	2	1	2	3	1	1	3	1	1	1	2
	1	4	4	5	9	0	4	4	9	4	6	9	4	4	9	4	3	4	7
	9	9	2	2	4	4	2	2	8	2	2	4	2	2	4	2	0	2	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Integumentary System

Skin	+	+	+						+	+	+				+	+	+			28
Other, Abscess											4					4		4		4 4.0
Other, Acanthosis			3		2				2	2	2		2	3		3	1	3		26 2.3
Other, Acanthosis, Focal																				1 4.0
Other, Edema	3																			1 3.0
Other, Exudate			X		X				X			X	X			X	X	X		22
Other, Hyperkeratosis			2		2				2		2					2		2		19 1.7
Other, Inflammation, Subacute			4						3	4	2		4	3		4	4	4		25 3.7
Other, Ulcer			4		4				3	4			4	3	4		4	4	4	26 3.7
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperkeratosis						2														1 2.0
Inflammation, Subacute									2					1						2 1.5
Skin, SOA-Mass		+		+	+	+		+	+	+	+	+			+					28
Abscess						4														2 4.0
Acanthosis																				1 1.0
Acanthosis, Focal					3							4								11 3.6
Exudate																				1
Hyperkeratosis, Focal																				1 2.0
Hyperplasia, Mast Cell, Focal																				1 2.0
Inflammation, Subacute																				1 2.0
Inflammation, Suppurative																				1 4.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:25
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/TPA	DAY ON TEST																		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	3	2	1	3	3	3	3	1	2	1	2	3	1	1	3	1	1	2			
	1	4	4	5	9	0	4	4	9	4	6	9	4	4	9	4	3	4	7		
	9	9	2	2	4	4	2	2	8	2	2	4	2	2	4	2	0	2	9		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7			
9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0			
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0			
Sebacous GI, Hyperplasia											4								1	4.0	
Skin, SOA-No Mass	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Abscess	4										2								2	3.0	
Acanthosis	2	2	2	2	3	2	2	3	2		2	3	3	2	2	2	2	3	2	45	2.3
Cyst Epithelial Inclusion													X						1		
Exudate		X					X	X				X	X	X	X	X	X	X	31		
Hyperkeratosis	2	2	2	1		2	3	1	2		2		2		2	1	1	2	2	39	1.8
Inflammation, Subacute			2			2		4	3			3	4	4	3	4	2	4	3	34	2.7
Ulcer								4				4	4	4	4	4	2	4	22	3.4	
Musculoskeletal System																					
NONE																					
Nervous System																					
NONE																					
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Alveolar Epith, Hyperplasia																			1	3.0	
Alveolus, Infiltration Cellular, Histiocyte				3		1			1		2								8	1.5	
Congestion																		2	1	2.0	
Hemorrhage														2					2	2.0	
Interstitial, Inflammation	2	3			2	2	3				2					2		3	13	2.3	
Interstitial, Inflammation, Chronic, Focal						1													4	1.5	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:25
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/TPA	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	2	1	3	3	3	3	1	2	1	2	3	1	1	3	1	1	1	2	
	1	4	4	5	9	0	4	4	9	4	6	9	4	4	9	4	3	4	7	
	9	9	2	2	4	4	2	2	8	2	2	4	2	2	4	2	0	2	9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Leukocytosis	3	2		4							3								2	
Special Senses System																				
Ear																			1	
Eye											+								3	
Cataract																			1 3.0	
Cornea, Inflammation, Chronic																			1 3.0	
Inflammation, Suppurative											3								1 3.0	
Retrolbulbar, Inflammation, Subacute																			1 3.0	
Urinary System																				
Kidney								+		+									7	
Abscess																			2 4.0	
Cortex, Atrophy																			2 4.0	
Infiltration Cellular, Plasma Cell, Focal																			1 3.0	
Nephropathy											2								1 2.0	
Papilla, Necrosis																			1 2.0	
Prox Con Tub, Vacuolization Cytoplasmic																			1 3.0	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 23:08:25
First Dose M/F: NA / NA
Lab: HAZLETON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3
8	6	6	8	8	8	8	8	9	8	9	9	9	7	8	9	9	7	8	9	9	9	9	9	9	9	4	9	9	6
7	6	8	7	7	7	7	7	9	7	4	4	4	5	3	4	4	3	6	4	5	5	5	5	5	5	2	5	5	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

Intestine Small, Duodenum																														
Inflammation, Subacute																														
Liver	+																													
Abscess																														
Amyloid Deposition																														
Hematopoietic Cell Proliferation																														
Inflammation, Chronic, Focal																														
Mesentery																														
Abscess																														
Fat, Necrosis, Focal																														
Pancreas																														
Edema																														

Cardiovascular System

Heart																														
Abscess																														
Amyloid Deposition																														
Atrium, Thrombosis																														
Epicardium, Inflammation, Suppurative																														

Endocrine System

Thyroid Gland																														
---------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 23:08:26
First Dose M/F: NA / NA
Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	
	8	6	6	8	8	8	8	8	9	8	9	9	7	8	9	9	7	8	9	9	9	9	9	4	9	9	6	8	8	8	8	8	8	8	
	7	6	8	7	7	7	7	7	9	7	4	4	4	5	3	4	4	3	6	4	5	5	5	5	2	5	5	5	5	5	5	5	5	5	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	1

General Body System	3																																
Amyloid Deposition																																	
Tissue NOS																																	
Abscess																																	
Genital System																																	
Penis																																	
Preputial Gland																																	
Abscess																																	
Seminal Vesicle																																	
Dilatation																																	
Fibrosis																																	
Hematopoietic System																																	
Lymph Node																																	
Axillary, Hyperplasia																																	
Hyperplasia																																	
Mediastinal, Hyperplasia																																	
Renal, Hyperplasia																																	
Lymph Node, Mandibular																																	
Abscess																																	
Hyperplasia																																	
Lymph Node, Mesenteric																																	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:26
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																																																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
CD-1 CRL Mouse Male	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3																							
DMBA/ACETONE	8	6	6	8	8	8	8	8	9	8	9	9	9	7	8	9	9	7	5	9	9	9	9	5	4	9	9	6	8																							
	7	6	8	7	7	7	7	7	9	7	4	4	5	3	4	4	3	6	4	5	5	5	5	5	2	5	5	1	9																							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7																							
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7																							
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4																								
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9																							
Depletion Lymphoid																								3																												
Hematopoietic Cell Proliferation																																																				
Spleen																								+					+		+																					
Amyloid Deposition																								3																												
Hematopoietic Cell Proliferation																								4					1		3																					
Integumentary System																																																				
Skin																								+			+		+		+		+		+		+		+		+		+		+		+		+			
Other, Abscess																								3																												
Other, Acanthosis																								2											2		2		3				2				2		3			
Other, Edema																								3																												
Other, Exudate																								X											X		X		X						X				X			
Other, Hyperkeratosis																								3											2		2		4				2				1					
Other, Inflammation, Subacute																								4											3		4		4				3				4		4			
Other, Ulcer																								4											4		4		4				4				4		4			
Skin, Control																								+			+		+		+		+		+		+		+		+		+		+		+		+			
Skin, SOA-Mass																								+																												
Acanthosis, Focal																																																	4		3	
Skin, SOA-No Mass																								+			+														+		+		+		+		+			
Acanthosis																								2			2		1						3		2		1				3		1		2		3		2	
Exudate																															X						X				X		X		X		X		X			
Hyperkeratosis																								2			2		2						2		1				2		1		2		1		2			
Inflammation, Subacute																								2							3										2				1		2					

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:26
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	3	3	3	3	3	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3
DMBA/ACETONE	8	6	6	8	8	8	8	8	9	8	9	9	9	9	7	8	9	9	7	5	9	9	9	9	9	9	4	9	9	6	8	
	7	6	8	7	7	7	7	7	9	7	4	4	5	3	4	4	3	6	4	5	5	5	5	5	5	2	5	5	1	9		

Sebaceous GI, Hyperplasia, Focal
 Ulcer

2 4 2 3

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																																4
Alveolar Epith, Hyperplasia			2											3																		4
Alveolus, Infiltration Cellular, Histiocyte				2										3																		
Bronchiole, Hyperplasia																																4
Bronchiole, Inflammation, Suppurative																																4
Bronchiole, Metaplasia																																4
Congestion																																3
Inflammation, Chronic, Focal																																
Interstitial, Inflammation			2									2					4	2									3			3		
Interstitial, Inflammation, Chronic, Focal				2											1																	4
Leukocytosis														4	2																	
Pleura, Inflammation, Suppurative																																

Special Senses System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:26
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST	ANIMAL ID																													
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3		
	8	6	6	8	8	8	8	8	9	8	9	9	7	8	9	9	7	5	9	9	9	9	9	9	4	9	9	6	8		
	7	6	8	7	7	7	7	7	9	7	4	4	4	5	3	4	4	3	6	4	5	5	5	5	2	5	5	1	9		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1

Special Senses System

Ear
 Eye +
 Cornea, Inflammation, Chronic 2

Urinary System

Kidney + + +
 Abscess
 Amyloid Deposition 2
 Cortex, Atrophy 3
 Infiltration Cellular, Lymphocyte
 Infiltration Cellular, Plasma Cell 4
 Nephropathy 3
 Pelvis, Dilatation 2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:27
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	8	8	8	8	8	8	8	8	9	8	9	9	9	1	9	9	9	9
	0	9	9	9	9	9	9	9	0	6	0	0	0	6	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS																		

Alimentary System

Intestine Small, Duodenum																			1					
Inflammation, Subacute																				1	3.0			
Liver	+																			10				
Abscess	4																				3	4.0		
Amyloid Deposition																						1	3.0	
Hematopoietic Cell Proliferation	3																					5	3.0	
Inflammation, Chronic, Focal															2							1	2.0	
Mesentery																						2		
Abscess																							1	4.0
Fat, Necrosis, Focal																							1	2.0
Pancreas																							1	
Edema																							1	3.0

Cardiovascular System

Heart																							4		
Abscess																								1	4.0
Amyloid Deposition																								2	3.0
Atrium, Thrombosis																								2	
Epicardium, Inflammation, Suppurative																								1	4.0

Endocrine System

Thyroid Gland																								1	
---------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:27
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST		ANIMAL ID																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3.0
	5	8	8	8	8	8	8	8	8	9	8	9	9	9	1	9	9	9	9	9		
	0	9	9	9	9	9	9	9	9	0	6	0	0	0	6	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0		
Amyloid Deposition																					1	3.0
General Body System																						
Tissue NOS											+	+		+							5	
Abscess												4									2	4.0
Genital System																						
Penis												+									2	
Preputial Gland																					1	
Abscess																					1	4.0
Seminal Vesicle									+							+					5	
Dilatation									4							2					4	3.0
Fibrosis																					1	3.0
Hematopoietic System																						
Lymph Node										+											5	
Axillary, Hyperplasia																					2	3.5
Hyperplasia											3										1	3.0
Mediastinal, Hyperplasia																					1	3.0
Renal, Hyperplasia											3										1	3.0
Lymph Node, Mandibular											+		+								10	
Abscess																					3	3.3
Hyperplasia											3		4								10	3.5
Lymph Node, Mesenteric																					3	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:27
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST																			ANIMAL ID		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				0	
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0			
	5	8	8	8	8	8	8	8	8	8	9	8	9	9	9	1	9	9	9	9	0			
	0	9	9	9	9	9	9	9	9	9	0	6	0	0	0	6	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6			
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0				
Depletion Lymphoid																							1 3.0	
Hematopoietic Cell Proliferation																							2 3.5	
Spleen		+								+		+				+							17	
Amyloid Deposition										3		2											5 2.4	
Hematopoietic Cell Proliferation		4										3				3							16 3.3	
Integumentary System																								
Skin		+	+	+	+	+	+	+	+	+	+					+	+	+	+	+	+			42
Other, Abscess		3		4												3								5 3.0
Other, Acanthosis		2		3			3					3				3								15 2.5
Other, Edema																								1 3.0
Other, Exudate		X		X			X					X				X								12
Other, Hyperkeratosis																	1							8 2.0
Other, Inflammation, Subacute		4		4			3					4				4								14 3.6
Other, Ulcer		4			3		4		4			4				4								15 3.9
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			50
Skin, SOA-Mass								+								+								5
Acanthosis, Focal																								2 3.5
Skin, SOA-No Mass							+									+	+							18
Acanthosis							2		1							1	2							18 1.9
Exudate							X										X							10
Hyperkeratosis																	2							13 1.8
Inflammation, Subacute																	3							8 2.4

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:27
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	ANIMAL ID	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
		5	8	8	8	8	8	8	8	8	9	8	9	9	9	1	9	9	9				
		0	9	9	9	9	9	9	9	0	6	0	0	0	6	0	0	0	0				
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
		4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6				
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9				
		*TOTALS																					
Sebaceous GI, Hyperplasia, Focal																				2	1	2.0	
Ulcer																				1	2	7	2.1
Musculoskeletal System																							
NONE																							
Nervous System																							
NONE																							
Respiratory System																							
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Abscess																				1	4.0		
Alveolar Epith, Hyperplasia																				3	3.0		
Alveolus, Infiltration Cellular, Histiocyte																				2	3	2.3	
Bronchiole, Hyperplasia																				1	4.0		
Bronchiole, Inflammation, Suppurative																				1	4.0		
Bronchiole, Metaplasia																				1	4.0		
Congestion																				1	3.0		
Inflammation, Chronic, Focal																				2	1	2.0	
Interstitialium, Inflammation																				1	1	8	2.3
Interstitialium, Inflammation, Chronic, Focal																				4	2.3		
Leukocytosis		3																		3	7	2.6	
Pleura, Inflammation, Suppurative		2																		2	2	3.0	
Special Senses System																							

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:27
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	8	8	8	8	8	8	8	8	9	8	9	9	9	1	9	9	9	9
	0	9	9	9	9	9	9	9	9	0	6	0	0	0	6	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS																		

Special Senses System

Ear																				3
Eye																				1
Cornea, Inflammation, Chronic																				1 2.0

Urinary System

Kidney	+																			5
Abscess	3																			1 3.0
Amyloid Deposition	2																			2 2.0
Cortex, Atrophy																				1 3.0
Infiltration Cellular, Lymphocyte										4										1 4.0
Infiltration Cellular, Plasma Cell																				1 4.0
Nephropathy																				1 3.0
Pelvis, Dilatation										3										2 2.5

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:27
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	CD-1 CRL Mouse Male ACETONE/TPA																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Alimentary System

Intestine Small, Duodenum +
 Intestine Small, Ileum
 Intestine Small, Jejunum
 Liver + + + +
 Abscess 4 4
 Amyloid Deposition 3 1
 Clear Cell Focus
 Hematopoietic Cell Proliferation 3 3
 Necrosis 4 2 4
 Stomach

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

Tissue NOS +
 Abscess

Genital System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:28
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	CD-1 CRL Mouse Male ACETONE/TPA																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Hematopoietic System

Lymph Node																														
Axillary, Hyperplasia																														
Bronchial, Hyperplasia																														
Hyperplasia																														
Inguinal, Hyperplasia																														
Lumbar, Hyperplasia																														
Lymph Node, Mandibular																														
Abscess																														
Cyst																														
Hyperplasia																														
Lymphocyte, Necrosis																														
Lymph Node, Mesenteric																														
Hyperplasia																														
Lymphocyte, Necrosis																														
Spleen																														
Amyloid Deposition																														
Hematopoietic Cell Proliferation																														

Integumentary System

Skin																														
Other, Abscess																														
Other, Acanthosis																														

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:28
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Other, Exudate	X	X		X						X	X		X	X						X	X		X	X			X			
Other, Hyperkeratosis	3		2	2						2		2	2							2		2					2		1	
Other, Inflammation, Subacute	4	3	2	2						4	4		4		4	4				3	4		4	4			3		3	
Other, Ulcer	4	4	4	2						4	4		4	4					3	3	4		4	4			4		4	
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis																														
Inflammation, Subacute																														
Skin, SOA-Mass																														
Acanthosis, Focal																														
Skin, SOA-No Mass	+	+	+	+	+	+	+	+	+																					
Acanthosis	2	4	2	3	2	3	2	2		2		2	2	2	2	3	2	2	2	4	2	2	2	3	2	3	2	2	1	2
Cyst Epithelial Inclusion	X																													
Exudate		X		X		X				X				X	X	X	X	X		X	X	X	X		X	X		X	X	
Hyperkeratosis	2	2	3	2		2	2			2	2		2	2	2	2	2	2		2		2	2	2	2	2	2	1	2	
Inflammation, Subacute	2	4		4	1	4				3									3	4		4	4	2	3	3		3	2	4
Ulcer		4	4	4		4		3	3				3		2	4	4	4		1	4	2	3	3		4	2	4		

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:28
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	1	2	1	3	1	3	3	2	3	3	3	3	3	3	1	3	1	2	1	3	1	3	3	3	2	3	1	3	1	
	5	4	8	4	9	4	9	9	2	7	9	3	2	9	4	0	4	9	4	8	9	7	4	9	9	2	9	4	9	4	
	3	2	3	2	4	2	4	4	1	7	3	8	3	3	1	4	2	3	2	4	7	3	1	0	0	7	0	1	0	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																															
Alveolar Epith, Hyperplasia																	2														
Alveolus, Infiltration Cellular, Histiocyte											1					2									1						
Congestion																	2	2							2						
Interstitialium, Inflammation				3			2			2			3	3		2		2									3				
Leukocytosis	X										3		2	4			2								2						
Special Senses System																															
Ear																															
Eye																															
Cornea, Hyperplasia, Chronic																															
Cornea, Hyperplasia, Focal																															
Cornea, Inflammation, Chronic																															
Inflammation, Suppurative																															
Zymbal's Gland																															
Dilatation																															
Urinary System																															
Kidney																															
Abscess																															
Amyloid Deposition																															
Cortex, Atrophy																															
Hematopoietic Cell Proliferation																															

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
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 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:28
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST																															
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	1	2	1	3	1	3	3	2	3	3	3	3	3	1	3	1	2	1	3	1	3	3	3	2	3	1	3	1		
		5	4	8	4	9	4	9	9	2	7	9	3	2	9	4	0	4	9	4	8	9	7	4	9	9	9	2	9	4	9	4
		3	2	3	2	4	2	4	4	1	7	3	8	3	3	1	4	2	3	2	4	7	3	1	0	0	7	0	1	0	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1

Pelvis, Dilatation
 Urinary Bladder

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:29
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	2	3	1	3	1	1	1	3	1	3	3	3	3	3	1	1	1	
	9	6	3	8	9	4	4	4	9	4	1	9	9	9	2	4	0	4	
	0	0	7	0	0	1	1	2	0	2	7	0	0	0	3	9	2	9	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

Intestine Small, Duodenum																					2	
Intestine Small, Ileum																						1
Intestine Small, Jejunum																						1
Liver	+	+			+	+					+					+						10
Abscess			4		4						3					3						6 3.7
Amyloid Deposition			4																			3 2.7
Clear Cell Focus																					X	1
Hematopoietic Cell Proliferation																						2 3.0
Necrosis			4		3							4				3						7 3.4
Stomach													+									1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

Tissue NOS																						+	3
Abscess																						4	4 2 4.0

Genital System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 05119-01

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate

CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014

Time Report Requested: 23:08:29

First Dose M/F: NA / NA

Lab: HAZLETON

	DAY ON TEST																				
CD-1 CRL Mouse Male ACETONE/TPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	2	3	1	3	1	1	1	3	1	3	3	3	3	3	1	1	1	1	1	
	9	6	3	8	9	4	4	4	9	4	1	9	9	9	9	2	4	0	4	4	
	0	0	7	0	0	1	1	2	0	2	7	0	0	0	3	9	2	9	2	2	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	9	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	

Hematopoietic System

Lymph Node																					+ + +	+				16							
Axillary, Hyperplasia																						4	4	3			4	4	14	3.8			
Bronchial, Hyperplasia																												4	1	4.0			
Hyperplasia																													1	2.0			
Inguinal, Hyperplasia																								3					2	3.5			
Lumbar, Hyperplasia																								3					1	3.0			
Lymph Node, Mandibular																									+	+	+				+	17	
Abscess																								4					3	4.0			
Cyst																								X					1				
Hyperplasia																								3	4	4			3		4	15	
Lymphocyte, Necrosis																													1	2.0			
Lymph Node, Mesenteric																								+					2				
Hyperplasia																								3					1	3.0			
Lymphocyte, Necrosis																													1	3.0			
Spleen																							+	+	+	+	+	+				+	28
Amyloid Deposition																						3	3				3		2	7	2.7		
Hematopoietic Cell Proliferation																						3	3	4	3	3	4	3	3	3	3	3	28

Integumentary System

Skin																						+	+	+	+	+	+				+	29	
Other, Abscess																						3				3					3	3.3	
Other, Acanthosis																						2	3	3	2	2	2		2	3	3	3	25

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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1-4 ..Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:29
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	2	3	1	3	1	1	1	3	1	3	3	3	3	3	1	1	1		
	9	6	3	8	9	4	4	4	9	4	1	9	9	9	9	2	4	0	4	
	0	0	7	0	0	1	1	2	0	2	7	0	0	0	3	9	2	9	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	
9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	
Other, Exudate						X	X	X											X	17
Other, Hyperkeratosis		2	2			1	1	1											2	16 1.8
Other, Inflammation, Subacute		4	2	2		4	4	4		3					4			4	24 3.5	
Other, Ulcer		4		3		4	4	4		3	3				4			4	26 3.7	
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acanthosis																				1 2.0
Inflammation, Subacute																				1 2.0
Skin, SOA-Mass			+		+				+						+				6	
Acanthosis, Focal			4																	1 4.0
Skin, SOA-No Mass	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Acanthosis	3	2	2	2		1	2	2	3	2	2	2	3	2	1	3	3	2	1	47 2.2
Cyst Epithelial Inclusion																				1
Exudate			X			X		X	X			X			X	X	X			25
Hyperkeratosis	2	2	2	2		1	2			1			2	2		2	1	3		34 1.9
Inflammation, Subacute	2		3				2	2	2	3	3		2	2	2	2	4	4	2	30 2.8
Ulcer							2			4	4						4			23 3.3

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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M ..Missing tissue

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:29
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST																		*TOTALS				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3	2	3	1	3	1	1	1	3	1	3	3	3	3	3	1	1	1					
	9	6	3	8	9	4	4	4	9	4	1	9	9	9	2	4	0	4					
	0	0	7	0	0	1	1	2	0	2	7	0	0	0	3	9	2	9	2				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7					
	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8					
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1					
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9					
																			50				
Lung	+																		50				
Abscess																			4	1	4.0		
Alveolar Epith, Hyperplasia																			1	2.0			
Alveolus, Infiltration Cellular, Histiocyte																			2	4	1.5		
Congestion																			3	2.0			
Interstitialium, Inflammation																			4	9	2.7		
Leukocytosis																			3	3	4	10	2.9
Special Senses System																							
Ear																			+	5			
Eye																			4				
Cornea, Hyperplasia, Chronic																			1	3.0			
Cornea, Hyperplasia, Focal																			1	2.0			
Cornea, Inflammation, Chronic																			1	3.0			
Inflammation, Suppurative																			1	3.0			
Zymbal's Gland																			1				
Dilatation																			1	3.0			
Urinary System																							
Kidney																			+	+	+	6	
Abscess																			3	1	3.0		
Amyloid Deposition																			3	2	3	2.3	
Cortex, Atrophy																			3	2	3.0		
Hematopoietic Cell Proliferation																			3	1	3.0		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:29
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/TPA	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	2	3	1	3	1	1	1	3	1	3	3	3	3	3	1	1	1		
	9	6	3	8	9	4	4	4	9	4	1	9	9	9	2	4	0	4			
	0	0	7	0	0	1	1	2	0	2	7	0	0	0	3	9	2	9	2		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8		
		9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1		
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
		*TOTALS																			
Pelvis, Dilatation																				2	2.0
Urinary Bladder																				+	1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:29
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	3	2	3	3	3	3	3	2	3	3	1	3	3	1	3	1	3	3	1	3	2	1	1	1	1	1	2	3
	4	4	9	4	4	4	9	9	5	5	9	9	8	9	4	5	4	9	9	3	3	8	3	4	3	3	3	4	8	3
	2	2	3	8	4	5	3	3	9	9	5	5	4	6	5	2	3	2	5	5	8	8	7	4	1	8	8	8	8	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	

Alimentary System

Esophagus		
Liver	+	+
Abscess	4	4
Amyloid Deposition		
Hematopoietic Cell Proliferation	3	3
Inflammation, Chronic, Focal		
Necrosis	4	
Mesentery	+	
Fat, Necrosis, Focal	3	
Pancreas		
Edema		

Cardiovascular System

Heart	
Abscess	
Amyloid Deposition	
Atrium, Thrombosis	

Endocrine System

NONE

General Body System

Tissue NOS

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
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 1-4 ..Lesion qualified as:
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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:30
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	3	2	3	3	3	3	3	2	3	3	1	3	3	1	3	1	3	3	1	3	2	1	1	1	1	1	2	3
	4	4	9	4	4	4	9	9	5	5	9	9	8	9	4	5	4	9	9	3	3	8	3	4	3	3	3	4	8	3
	2	2	3	8	4	5	3	3	9	5	5	4	6	5	2	3	2	5	5	8	8	7	4	1	8	8	8	8	8	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	

Abscess																														
Genital System																														
Penis																														
Preputial Gland																														
Abscess																														
Seminal Vesicle																														
Abscess																														
Dilatation																														
Hematopoietic System																														
Lymph Node																														
Axillary, Hyperplasia																														
Axillary, Hyperplasia, Lymphoid, Focal																														
Axillary, Hyperplasia, Plasma Cell																														
Cyst																														
Hyperplasia																														
Lymph Node, Mandibular																														
Abscess																														
Amyloid Deposition																														
Hematopoietic Cell Proliferation																														
Hyperplasia																														
Hyperplasia, Plasma Cell																														
Lymph Node, Mesenteric																														

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:30
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	1	1	3	2	3	3	3	3	2	3	3	1	3	3	1	3	1	3	3	1	3	3	2	1	1	1	1	1	2	3	
	4	4	9	4	4	4	9	9	5	5	9	9	8	9	4	5	4	9	9	3	3	8	3	4	4	3	3	4	8	3	
	2	2	3	8	4	5	3	3	9	5	5	4	6	5	2	3	2	5	5	8	8	7	4	1	8	8	8	8	7	7	
Hematopoietic Cell Proliferation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hyperplasia	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Spleen	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
Amyloid Deposition	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	
Hematopoietic Cell Proliferation	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
	3																														
	+				+	+	+	+	+		+	+	+		+	+					+	+	+	+	+	+					
					2								3																		
	3				3	4	3	3	3		3	3	3	3	3	3					4	4	4	4	3	3					
Integumentary System																															
Skin	+	+	+		+	+			+	+		+	+		+	+							+	+	+		+		+	+	
Amyloid Deposition																															2
Other, Abscess						2																		3							
Other, Acanthosis	2	3			2	3			3	3		2	2		2		3						3	3	3		3			3	
Other, Exudate			X		X	X			X	X		X	X		X	X							X	X	X		X			X	
Other, Hyperkeratosis	1	2			2	2			2	2		1	2				2								2	2					
Other, Inflammation, Subacute	4	4			4	4			4	4		4	4		4	4							4		4	4				4	
Other, Ulcer	4	4			4	4			4	4		4	3		4		4						4	4	4		4			4	
Skin, Control	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Exudate																														X	
Inflammation, Subacute						3																								4	
Ulcer																														4	
Skin, SOA-Mass									+															+							
Acanthosis																															
Acanthosis, Focal																									4						
Skin, SOA-No Mass	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:30
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	3	2	3	3	3	3	2	3	3	1	3	3	1	3	1	3	3	1	3	2	1	1	1	1	1	1	1	
	4	4	9	4	4	4	9	9	5	5	9	9	8	9	4	5	4	9	9	3	3	8	3	4	3	3	4	8	8	
	2	2	3	8	4	5	3	3	9	9	5	4	6	5	2	3	2	5	5	8	8	7	4	1	8	8	8	8	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Acanthosis	3	3			2	3	2	3	2	2	2		2	2	3	2	2	3	2	3	2	2	3	2		2	2	3	2	2
Exudate	X					X	X	X	X		X				X	X	X	X		X	X	X	X	X		X	X	X		X
Hyperkeratosis	2	3			2	2	2	2	2		2	2		2	2	2	1	2		2	2		2	2			1		2	2
Inflammation, Subacute	4	2			1	3	2	2	2	2	3	2		3	2	3	4	2	1	2	3	4	2	2	3		4		2	4
Ulcer	4	2					4	3		2	4			2	3	4				4	4	2				4	2			4
Musculoskeletal System																														
NONE																														
Nervous System																														
NONE																														
Respiratory System																														
Lung		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess																														4
Alveolus, Infiltration Cellular, Histiocyte																1									2					
Congestion																									3					
Interstitial, Inflammation										2		2				3				2		1							2	
Interstitial, Inflammation, Chronic, Focal	1				2				2															2						
Leukocytosis																2													1	
Special Senses System																														
Ear							+						+																	
Eye																														
Lids, Inflammation, Chronic																														

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:31
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	2	2	1	1	3	1	3	3	1	3	1	3	3	2	
	4	4	2	4	4	2	5	4	4	8	4	8	8	4	8	4	8	8	6	
	1	1	6	1	1	5	9	1	1	3	1	9	9	1	9	1	9	9	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Alimentary System

Esophagus	+																			1
Liver							+	+		+				+					+	7
Abscess							4	4						4						5 4.0
Amyloid Deposition												2								1 2.0
Hematopoietic Cell Proliferation							2												1	4 2.3
Inflammation, Chronic, Focal																			2	1 2.0
Necrosis							4												3	3 3.7
Mesentery																				1
Fat, Necrosis, Focal																				1 3.0
Pancreas														+						1
Edema														3						1 3.0

Cardiovascular System

Heart																				2
Abscess																				1 4.0
Amyloid Deposition																				1 2.0
Atrium, Thrombosis																				X 1

Endocrine System

NONE

General Body System

Tissue NOS																				+	1
------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
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 Time Report Requested: 23:08:31
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																																	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0												
	1	1	1	1	1	2	2	1	1	3	1	3	3	1	3	1	3	3	2															
	4	4	2	4	4	2	5	4	4	8	4	8	8	4	8	4	8	8	6															
	1	1	6	1	1	5	9	1	1	3	1	9	9	1	9	1	9	9	4															
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7															
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8															
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6															
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	*TOTALS														
Abscess																				4	1	4.0												
Genital System																																		
Penis																					3													
Preputial Gland																					2													
Abscess																					2	4.0												
Seminal Vesicle																					4													
Abscess																					1	4.0												
Dilatation																					3	3.7												
Hematopoietic System																																		
Lymph Node	+	+		+	+			+		+			+	+	+					24														
Axillary, Hyperplasia	4	4		4				4		4			4		3					19	3.7													
Axillary, Hyperplasia, Lymphoid, Focal																					3	3.0												
Axillary, Hyperplasia, Plasma Cell																					4	4.0												
Cyst																						1												
Hyperplasia																						5	2.6											
Lymph Node, Mandibular																					+	+	+		+	+	+				+	+	22	
Abscess																						4	4.0											
Amyloid Deposition																						2	2.0											
Hematopoietic Cell Proliferation																						4	3.5											
Hyperplasia																						4	3.6											
Hyperplasia, Plasma Cell																						4	3.5											
Lymph Node, Mesenteric																							5											

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 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:31
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	2	2	1	1	3	1	3	3	1	3	1	3	3	2
	4	4	2	4	4	2	5	4	4	8	4	8	8	4	8	4	8	8	6
	1	1	6	1	1	5	9	1	1	3	1	9	9	1	9	1	9	9	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
Hematopoietic Cell Proliferation																			4
Hyperplasia																			4
Spleen	+	+	+			+	+	+	+	+			+	+	+			+	+
Amyloid Deposition																			3
Hematopoietic Cell Proliferation	4	3	2			4	4	3	3		4			3	3	3		3	4
Integumentary System																			
Skin	+			+	+	+	+	+	+	+			+	+		+		+	+
Amyloid Deposition																			1
Other, Abscess										4									4
Other, Acanthosis	2			3	4	3	3	2	2	3			2		2		3	3	27
Other, Exudate				X	X	X	X	X		X			X				X	X	23
Other, Hyperkeratosis	2				2		2						2		2		3	2	18
Other, Inflammation, Subacute				4	3	4	3	4	4	4			2		2		3	4	25
Other, Ulcer	2			4	4	4	4	4	4	2			2		2			4	26
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Exudate																			1
Inflammation, Subacute																			2
Ulcer																			1
Skin, SOA-Mass												+						+	+
Acanthosis																			3
Acanthosis, Focal																			1
Skin, SOA-No Mass	+	+	+	+	+		+	+	+		+	+		+	+	+	+	+	42

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
	1	1	1	1	1	2	2	1	1	3	1	3	3	1	3	1	3	3	2		
	4	4	2	4	4	2	5	4	4	8	4	8	8	4	8	4	8	8	6		
	1	1	6	1	1	5	9	1	1	3	1	9	9	1	9	1	9	9	4		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6		
2	3	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Acanthosis	3	3	2	2	3		2	2	2		3	2		2	2	3	2	2	42	2.3	
Exudate	X	X	X	X	X		X	X		X				X	X	X	X	X	32		
Hyperkeratosis	3	2		2	2				2	2				3	1	2			31	2.0	
Inflammation, Subacute	2	4	2	2	2				3	2				4		4	2	2	37	2.6	
Ulcer	4	4	4	2	2				1					2		4		3	25	3.1	
Musculoskeletal System																					
NONE																					
Nervous System																					
NONE																					
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Abscess																			1	4.0	
Alveolus, Infiltration Cellular, Histiocyte											3					1			4	1.8	
Congestion			2																2	2.5	
Interstitialium, Inflammation						2	2												8	2.0	
Interstitialium, Inflammation, Chronic, Focal											3								5	2.0	
Leukocytosis			4			3									1			1	6	2.0	
Special Senses System																					
Ear																			2		
Eye																			+	1	
Lids, Inflammation, Chronic																			2	1	2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/TPA	DAY ON TEST																		*TOTALS				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			
	1	1	1	1	1	2	2	1	1	3	1	3	3	1	3	1	3	3	2				
	4	4	2	4	4	2	5	4	4	8	4	8	8	4	8	4	8	8	6				
	1	1	6	1	1	5	9	1	1	3	1	9	9	1	9	1	9	9	4				
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8				
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6				
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0				
																			2				
Lids, Inflammation, Chronic																			1	2.0			
Urinary System																							
Kidney																			+	+	+	6	
Amyloid Deposition																				3		3	2.0
Cortex, Atrophy																						1	3.0
Cortex, Cyst																						1	
Pelvis, Dilatation																				3	3	2	3.0
Urethra																						1	
Inflammation, Acute																						1	3.0
Urinary Bladder																			+			6	
Amyloid Deposition																						1	4.0
Hemorrhage																						1	3.0
Submucosa, Hemorrhage																						1	4.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:31
 First Dose M/F: NA / NA
 Lab: HAZLETON

	DAY ON TEST	ANIMAL ID																														
CD-1 CRL Mouse Male DEP/ACETONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	
	8	8	8	8	8	8	8	8	8	7	8	9	9	5	9	9	9	9	4	9	9	9	8	6	4	6	8	8	8	8	8	7
	4	8	8	8	8	8	6	8	8	7	8	3	3	0	3	2	4	2	4	4	4	9	4	1	8	9	9	9	9	9	9	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Intestine Small, Jejunum

Amyloid Deposition

+

2

Liver

+ +

+

+

+

+

Abscess

Amyloid Deposition

2

2

Inflammation, Chronic, Focal

2

Necrosis

2

Vacuolization Cytoplasmic

Pancreas

Cardiovascular System

Heart

+

Abscess

4

Endocrine System

Thyroid Gland

+

Amyloid Deposition

2

General Body System

Tissue NOS

+

+

Abscess

Genital System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:32
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	1	3	3	3	3	3	1	3	3	3	3	3	3	2
DEP/ACETONE	8	8	8	8	8	8	8	8	7	8	9	5	9	9	9	4	9	9	9	8	6	4	6	8	8	8	8	8	8	7
	4	8	8	8	8	6	8	8	7	8	3	3	0	3	2	4	2	4	4	4	9	4	1	8	9	9	9	9	9	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Penis	+																																									
Preputial Gland	+																																									
Abscess	4																																									
Dilatation																																										
Seminal Vesicle	+														+																											
Dilatation	3														4														3													
Inflammation																																										
Testes	+																																									
Tunic, Fibrosis	3																																									
Tunic, Inflammation	2																																									
Hematopoietic System																																										
Lymph Node	+																																									
Abscess	+																																									
Axillary, Hyperplasia	4																																									
Cyst																																										
Hyperplasia																																										
Lymph Node, Mandibular	+																																									
Abscess	+																																									
Hyperplasia	2																																									
Lymphatic, Dilatation	3																																									
Lymph Node, Mesenteric	+																																									
Amyloid Deposition	2																																									

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:32
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/ACETONE	DAY ON TEST																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	1	3	3	3	3	3	1	3	3	3	3	3	3
ANIMAL ID	4	8	8	8	8	8	8	8	7	8	9	9	5	9	9	9	4	9	9	8	6	4	6	8	8	8	8	
	4	8	8	8	8	6	8	8	7	8	3	0	3	2	4	2	4	4	4	9	4	1	8	9	9	9	9	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hematopoietic Cell Proliferation	4																											
Hyperplasia																							2					
Spleen	+												+	+								+				+		+
Amyloid Deposition														3													3	
Hematopoietic Cell Proliferation	3												4	3									3				3	
Thymus																												+
Integumentary System																												
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Other, Abscess																												
Other, Acanthosis	2			3					3	3	2		3	2			3					3			2			
Other, Edema						3				2												3						
Other, Exudate	X		X					X	X	X		X									X		X					
Other, Hyperkeratosis	2												2				2				2							
Other, Inflammation, Subacute	4		2					4	2	3		4				4					3		4					
Other, Subcut Tiss, Exudate, Focal													4															
Other, Ulcer	4		2					3	1	4		4	4			4					3		4					
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis														2														
Edema						2																						
Ulcer																							3					
Skin, SOA-No Mass	+			+	+			+	+			+	+	+							+	+	+	+				
Acanthosis				1	2		1	2					1				1					2	2		2			

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/15/2014

Test Type: INIT/PROMOT

Test Compound: Diethyl phthalate/dimethyl phthalate

Time Report Requested: 23:08:32

Route: SKIN APPLICATION

CAS Number: DIETH/DIMETH

First Dose M/F: NA / NA

Species/Strain: Mouse/CD-1 CRL

Lab: HAZLETON

	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	1	3	3	3	3	3	1	3	3	3	3	3	2
DEP/ACETONE	8	8	8	8	8	8	8	8	7	8	9	9	5	9	9	9	4	9	9	9	8	6	4	6	8	8	8	8	7
	4	8	8	8	8	6	8	8	7	8	3	0	3	2	4	2	4	4	4	9	4	1	8	9	9	9	9	9	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	1	2	3	4	5	6	6	6	6	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
Exudate	X					X		X	X							X						X	X	X					
Hyperkeratosis	2					2		2	2							2							2	2					
Inflammation, Subacute								1				2				3						3							
Ulcer											2		2		4							4							
Musculoskeletal System																													
NONE																													
Nervous System																													
NONE																													
Respiratory System																													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Abscess	4																												
Alveolar Epith, Hyperplasia																						2							
Alveolus, Infiltration Cellular, Histiocyte						3			2		2		2	3					1										1
Congestion																			2										
Granuloma																													
Hemorrhage									3	2												1							
Inflammation, Chronic, Focal																					2								
Interstitial, Inflammation			1						3	2				2					2	1							2		
Interstitial, Inflammation, Chronic, Focal								2							3							3							
Leukocytosis						3	3						2	3								2							
Special Senses System																													

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	1	3	3	3	3	3	1	3	3	3	3	3	2
DEP/ACETONE	8	8	8	8	8	8	8	8	7	8	9	5	9	9	9	4	9	9	9	8	6	4	6	8	8	8	8	8	7
	4	8	8	8	8	6	8	8	7	8	3	0	3	2	4	2	4	4	4	9	4	1	8	9	9	9	9	9	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Special Senses System

Ear +
 Eye +
 Cornea, Inflammation, Chronic 1 2

Urinary System

Kidney + + +
 Amyloid Deposition 4 2 3
 Cortex, Atrophy 3
 Cortex, Cyst X
 Pelvis, Dilatation 2
 Prox Con Tub, Vacuolization Cytoplasmic

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/ACETONE	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	1	3	3	3	3	2	3	3	3	3	3		
	1	8	8	8	8	8	8	4	8	9	8	9	9	6	9	9	9	9		
	8	8	8	8	8	8	8	1	5	3	2	3	3	4	3	3	3	3		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9		
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		

Alimentary System

Intestine Small, Jejunum																			1			
Amyloid Deposition																				1	2.0	
Liver				+						+										9		
Abscess											4										1	4.0
Amyloid Deposition																					2	2.0
Inflammation, Chronic, Focal							1										2				3	1.7
Necrosis																					1	2.0
Vacuolization Cytoplasmic							2														1	2.0
Pancreas							M														0	

Cardiovascular System

Heart																					1		
Abscess																						1	4.0

Endocrine System

Thyroid Gland																						1	
Amyloid Deposition																						1	2.0

General Body System

Tissue NOS							+	+														6	
Abscess																						1	4.0

Genital System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/ACETONE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	1	3	3	3	3	2	3	3	3	3	3	3		
	1	8	8	8	8	8	8	4	8	9	8	9	9	6	9	9	9	9	9		
	8	8	8	8	8	8	8	1	5	3	2	3	3	4	3	3	3	3	3		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9		
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Penis																				1	
Preputial Gland																				2	
Abscess																				1 4.0	
Dilatation																				1 3.0	
Seminal Vesicle																				6	
Dilatation																				5 3.2	
Inflammation																				2 2.0	
Testes																				1	
Tunic, Fibrosis																				1 3.0	
Tunic, Inflammation																				1 2.0	
Hematopoietic System																					
Lymph Node																				6	
Abscess																				1 4.0	
Axillary, Hyperplasia																				4 4.0	
Cyst																				1	
Hyperplasia																				1 3.0	
Lymph Node, Mandibular																				16	
Abscess																				1 4.0	
Hyperplasia																				14 3.4	
Lymphatic, Dilatation																				1 2.0	
Lymph Node, Mesenteric																				2	
Amyloid Deposition																				1 2.0	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/ACETONE	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	1	3	3	3	3	2	3	3	3	3	3	
	1	8	8	8	8	8	8	4	8	9	8	9	9	6	9	9	9	9	
	8	8	8	8	8	8	8	1	5	3	2	3	3	4	3	3	3	3	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Hematopoietic Cell Proliferation																		1	
Hyperplasia																		4.0	
Spleen	+	+						+	+		+		+					13	
Amyloid Deposition																		2	
Hematopoietic Cell Proliferation	4	3						3	3		4		4				3	12	
Thymus																		3.0	
Integumentary System																		1	
Skin	+	+	+	+	+			+	+	+	+	+	+	+			+	46	
Other, Abscess													4					1	
Other, Acanthosis	3	2						3	3			2	2		2			18	
Other, Edema										3								4	
Other, Exudate	X	X										X	X		X			14	
Other, Hyperkeratosis	2								1									6	
Other, Inflammation, Subacute	4	4						4	4			4			4		3	16	
Other, Subcut Tiss, Exudate, Focal																		1	
Other, Ulcer	4	4						4	4			4	3		3			18	
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acanthosis																		1	
Edema																		1	
Ulcer																		1	
Skin, SOA-No Mass		+						+	+	+					+			18	
Acanthosis		2						2	2	2					2			14	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	ANIMAL ID	3	3	3	3	3	3	3	1	3	3	3	3	3	2	3	3	3	3								
		1	8	8	8	8	8	8	4	8	9	8	9	9	6	9	9	9	9								
		8	8	8	8	8	8	8	1	5	3	2	3	3	4	3	3	3	3								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7								
		8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9								
		9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0								
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9								
		*TOTALS																									
Exudate		X				X		X												11							
Hyperkeratosis												1										8	1.9				
Inflammation, Subacute		2				2		2												7	2.1						
Ulcer												3				2										6	2.8
Musculoskeletal System																											
NONE																											
Nervous System																											
NONE																											
Respiratory System																											
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50							
Abscess																				1	4.0						
Alveolar Epith, Hyperplasia																				2		2	2.0				
Alveolus, Infiltration Cellular, Histiocyte																				2		8	2.0				
Congestion																				1		1	2.0				
Granuloma																				2		1	2.0				
Hemorrhage		2						1												5	1.8						
Inflammation, Chronic, Focal																				1		1	2.0				
Interstitialium, Inflammation		2		2				3												10	2.0						
Interstitialium, Inflammation, Chronic, Focal								2		2		2		1		2										8	2.1
Leukocytosis																				2		6	2.5				
Special Senses System																											

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DEP/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	1	3	3	3	3	3	2	3	3	3	3
	1	8	8	8	8	8	8	4	8	9	8	9	9	6	9	9	9	9	9
	8	8	8	8	8	8	8	1	5	3	2	3	3	4	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		*TOTALS																	

Special Senses System

Ear																				3
Eye																				2
Cornea, Inflammation, Chronic																				2 1.5

Urinary System

Kidney																				5
Amyloid Deposition																				4 3.3
Cortex, Atrophy																				2 3.0
Cortex, Cyst																				1
Pelvis, Dilatation																				2 2.0
Prox Con Tub, Vacuolization Cytoplasmic																				1 4.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:33
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DEP	DAY ON TEST																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8

Alimentary System

Intestine Small, Ileum

Granuloma

Liver

+ + + + + + + +

Amyloid Deposition

3

Basophilic Focus

Centrilobular, Cytomegaly

2

Hematopoietic Cell Proliferation

3

2

Inflammation, Chronic, Focal

2

Necrosis

2

Vacuolization Cytoplasmic

2

Mesentery

Inflammation, Chronic

Pancreas

Edema

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

Tissue NOS

+ +

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:34
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	CD-1 CRL Mouse Male DMBA/DEP																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
Infarct																												
Spleen				+							+	+	+	+					+									
Amyloid Deposition				2																								2
Hematopoietic Cell Proliferation				3							3	2	3	3					2									3
Integumentary System																												
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Other, Abscess																												
Other, Acanthosis				1							3		3														3	
Other, Edema																			3									
Other, Exudate				X									X														X	
Other, Hyperkeratosis																												2
Other, Inflammation, Subacute				3							4		4															2
Other, Ulcer				3							4		3															4
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Subacute																												2
Ulcer																												2
Skin, SOA-Mass			+				+										+											
Sebaceous Gl, Hyperplasia																	4											
Skin, SOA-No Mass											+	+	+		+				+									+
Acanthosis											3	2	3		2													3
Exudate											X	X	X															X
Hyperkeratosis											2	2	2		2													2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 23:08:34
First Dose M/F: NA / NA
Lab: HAZLETON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DMBA/DEP	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	5	8	8	1	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	7	3	7	7	7	7	2	7	5	7	7	7	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	

Hyperplasia, Mast Cell, Focal
 Inflammation, Subacute
 Ulcer

2
 2 4
 2 4 1
 2

Musculoskeletal System

NONE

Nervous System

Spinal Cord

+

Respiratory System

Lung +
 Alveolar Epith, Hyperplasia 2 2
 Alveolus, Infiltration Cellular, Histiocyte 2
 Congestion 2
 Hemorrhage 2 2
 Interstitium, Inflammation 2 3 3
 Interstitium, Inflammation, Chronic, Focal 1 2 3 2
 Leukocytosis 2
 Trachea +

Special Senses System

Ear +
 Eye +
 Cornea, Inflammation, Chronic 3

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DMBA/DEP	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	3	3	3	3	3	3

Cornea, Inflammation, Chronic 3

Urinary System

Kidney		+		+		+		+		+
Amyloid Deposition		2		4		3				3
Cortex, Cyst										X
Pelvis, Dilatation				2				3		1
Urinary Bladder								+		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	CD-1 CRL Mouse Male DMBA/DEP																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	
4	9	9	9	9	9	9	9	9	4	8	8	8	8	8	8	4	8	8	
5	3	3	3	3	3	3	3	3	2	8	8	8	8	8	8	8	8	8	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

Intestine Small, Ileum	+																		1	
Granuloma	4																			1 4.0
Liver																				8
Amyloid Deposition																			+	1 3.0
Basophilic Focus																			X	1
Centrilobular, Cytomegaly																				1 2.0
Hematopoietic Cell Proliferation																				2 2.5
Inflammation, Chronic, Focal																				1 2.0
Necrosis																				1 2.0
Vacuolization Cytoplasmic																				1 2.0
Mesentery																				1
Inflammation, Chronic																				3
Pancreas																			+	1
Edema																				3

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

Tissue NOS + + + + + + + 4

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DEP	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3
	4	9	9	9	9	9	9	9	9	4	8	8	8	8	8	8	4	8	8	8
	5	3	3	3	3	3	3	3	3	2	8	8	8	8	8	8	8	8	8	8
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
		*TOTALS																		

Genital System

Epididymis																				1		
Inflammation																					1	2.0
Spermatocele																					1	
Penis																					1	
Edema																					1	2.0
Preputial Gland																					2	
Abscess																					1	4.0
Dilatation																					1	2.0
Inflammation, Chronic																					1	3.0
Seminal Vesicle																					6	
Dilatation																					3	3.0
Fibrosis																					1	2.0
Testes																					2	
Seminif Tub, Atrophy																					2	3.0

Hematopoietic System

Lymph Node, Mandibular																					4	
Abscess																					2	4.0
Hematopoietic Cell Proliferation																					1	3.0
Hyperplasia																					2	3.5
Lymph Node, Mesenteric																					2	
Hemorrhage																					1	3.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DEP	DAY ON TEST																		ANIMAL ID				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3				
	4	9	9	9	9	9	9	9	9	4	8	8	8	8	8	4	8	8	8				
	5	3	3	3	3	3	3	3	3	2	8	8	8	8	8	8	8	8	8				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9				
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6				
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0				
																			*TOTALS				
Infarct																				3		1	3.0
Spleen																						7	
Amyloid Deposition																						2	2.0
Hematopoietic Cell Proliferation																						7	2.7
Integumentary System																							
Skin	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+				
																				44			
Other, Abscess																						1	4.0
Other, Acanthosis																						5	2.4
Other, Edema																						2	2.5
Other, Exudate																						3	
Other, Hyperkeratosis																						1	2.0
Other, Inflammation, Subacute																						5	3.2
Other, Ulcer																						5	3.6
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
																				50			
Inflammation, Subacute																						1	2.0
Ulcer																						1	2.0
Skin, SOA-Mass																						3	
Sebaceous Gl, Hyperplasia																						1	4.0
Skin, SOA-No Mass																						7	
Acanthosis																						3	2.7
Exudate																						5	
Hyperkeratosis																						5	2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DEP	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	ANIMAL ID	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3		
		4	9	9	9	9	9	9	9	4	8	8	8	8	8	8	4	8	8	8		
		5	3	3	3	3	3	3	3	2	8	8	8	8	8	8	8	8	8	8		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
		4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6		
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
		*TOTALS																				
Hyperplasia, Mast Cell, Focal																				1	2.0	
Inflammation, Subacute						3															4	2.8
Ulcer						4															5	2.6
Musculoskeletal System																						
NONE																						
Nervous System																						
Spinal Cord																					1	
Respiratory System																						
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia																					2	2.0
Alveolus, Infiltration Cellular, Histiocyte										2											3	2.0
Congestion										3											2	2.5
Hemorrhage		3																			3	2.3
Interstitial, Inflammation						2		2													5	2.4
Interstitial, Inflammation, Chronic, Focal		2			2		3	2		1					2						11	2.1
Leukocytosis																2					2	2.0
Trachea																					1	
Special Senses System																						
Ear																					1	
Eye																					1	
Cornea, Inflammation, Chronic																					1	3.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	
4	9	9	9	9	9	9	9	9	9	4	8	8	8	8	8	8	4	8	8	8
5	3	3	3	3	3	3	3	3	3	2	8	8	8	8	8	8	8	8	8	8
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	0

Cornea, Inflammation, Chronic																					1	3.0	
Urinary System																							
Kidney										+												7	
Amyloid Deposition										4												5	3.2
Cortex, Cyst																						1	
Pelvis, Dilatation																						4	2.0
Urinary Bladder																						1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:35
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	8	7	8	0	8	8	8	8	8	6	9	6	9	9	8	9	9	9	0	9	8	8	6	8	8	8	8	8	8
	9	0	9	9	9	9	9	9	9	7	5	8	5	5	9	5	5	5	1	5	8	8	2	8	8	9	9	7	6
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Alimentary System

Liver																														
Abscess																														
Amyloid Deposition																														
Clear Cell Focus																														
Cyst																														
Hematopoietic Cell Proliferation																														
Inflammation, Chronic, Focal																														
Necrosis																														
Vacuolization Cytoplasmic																														
Mesentery																														
Necrosis																														
Pancreas																														
Edema																														

Cardiovascular System

Heart																														
Amyloid Deposition																														
Atrium, Thrombosis																														

Endocrine System

NONE

General Body System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:36
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3		
	8	7	8	0	8	8	8	8	8	6	9	6	9	9	8	9	9	9	0	9	8	8	6	8	8	8	7	5	8	9	
	9	0	9	9	9	9	9	9	9	7	5	8	5	5	9	5	5	5	1	5	8	8	2	8	8	9	9	7	6	8	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Tissue NOS																															
Abscess																															
Genital System																															
Penis																															
Preputial Gland																															
Abscess																															
Seminal Vesicle																															
Dilatation																															
Inflammation, Subacute																															
Hematopoietic System																															
Lymph Node																															
Congestion																															
Hyperplasia																															
Iliac, Abscess																															
Iliac, Hyperplasia																															
Renal, Abscess																															
Lymph Node, Mandibular																															
Hyperplasia																															
Lymph Node, Mesenteric																															
Hemorrhage																															
Hyperplasia																															
Hyperplasia, Reticulum Cell																															

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:36
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST																																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3							
	8	7	8	0	8	8	8	8	8	6	9	6	9	9	8	9	9	9	0	9	8	8	6	8	8	8	8	7	5	8	9						
	9	0	9	9	9	9	9	9	9	7	5	8	5	5	5	5	1	5	8	8	2	8	8	2	8	8	9	9	7	6	8	3					
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7					
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9					
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7					
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1						
Spleen			+	+																																	
Amyloid Deposition																																					
Hematopoietic Cell Proliferation																																					
Thymus																																					
Integumentary System																																					
Skin	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Other, Abscess																																					
Other, Acanthosis																																					
Other, Edema																																					
Other, Exudate																																					
Other, Hyperkeratosis																																					
Other, Inflammation, Subacute																																					
Other, Ulcer																																					
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Acanthosis																																					
Edema																																					
Exudate																																					
Inflammation, Subacute																																					
Ulcer																																					
Skin, SOA-No Mass																																					
Acanthosis																																					
Edema																																					

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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 1-4 ..Lesion qualified as:
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 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:36
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST																											
	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389	0389
ANIMAL ID	07961	07962	07963	07964	07965	07966	07967	07968	07969	07970	07971	07972	07973	07974	07975	07976	07977	07978	07979	07980	07981	07982	07983	07984	07985	07986	07987	07988
Exudate				X				X			X	X						X								X		X
Hyperkeratosis				2														2			2					2	2	2
Inflammation, Subacute											2	2						4							4			
Ulcer					1						1							4							4			
Musculoskeletal System	NONE																											
Nervous System	NONE																											
Respiratory System	NONE																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epith, Hyperplasia																										2		
Alveolus, Infiltration Cellular, Histiocyte													2	3														
Congestion				3																								
Hemorrhage												1													3			
Inflammation, Chronic, Focal																		2								2		
Interstitial, Inflammation				2							3													3				
Interstitial, Inflammation, Chronic, Focal					4			1	3									2								2	2	1
Leukocytosis																									4			4
Special Senses System	NONE																											

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 + ..Tissue examined microscopically
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 M ..Missing tissue
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Experiment Number: 05119-01
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Diethyl phthalate/dimethyl phthalate
CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
Time Report Requested: 23:08:37
First Dose M/F: NA / NA
Lab: HAZLETON

DAY ON TEST	CD-1 CRL Mouse Male ACETONE/DEP																			*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
ANIMAL ID	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2	3	
	9	9	5	9	9	9	9	9	9	9	9	9	9	9	9	9	9	3	7	9	
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	9	4	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	

Alimentary System

Liver					+	+															+	11		
Abscess																							2	4.0
Amyloid Deposition							2																3	2.0
Clear Cell Focus																							2	
Cyst																						X	1	
Hematopoietic Cell Proliferation																							3	3.0
Inflammation, Chronic, Focal																							3	2.3
Necrosis																							3	3.3
Vacuolization Cytoplasmic																							2	2.0
Mesentery																							1	
Necrosis																							1	3.0
Pancreas																							1	
Edema																							1	3.0

Cardiovascular System

Heart																							3	
Amyloid Deposition							2																3	1.7
Atrium, Thrombosis																							2	

Endocrine System

NONE

General Body System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:37
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST																		*TOTALS							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0						
	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2	3							
	9	9	5	9	9	9	9	9	9	9	9	9	9	9	9	9	3	7	9							
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	9	4							
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8							
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0							
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1							
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0							
Tissue NOS																			3							
Abscess																			2	4.0						
Genital System																										
Penis																			1							
Preputial Gland																			+	+	4					
Abscess																			3	4	3	3.7				
Seminal Vesicle																					+	+	9			
Dilatation																			4	3	3		2	8	2.6	
Inflammation, Subacute																								1	2.0	
Hematopoietic System																										
Lymph Node																							+	4		
Congestion																								1	4.0	
Hyperplasia																								2	3.5	
Iliac, Abscess																								1	4.0	
Iliac, Hyperplasia																								1	4.0	
Renal, Abscess																								1	4.0	
Lymph Node, Mandibular																								3		
Hyperplasia																								3	3.7	
Lymph Node, Mesenteric																								+	3	
Hemorrhage																								1	4.0	
Hyperplasia																								2	2.0	
Hyperplasia, Reticulum Cell																								1	3.0	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:37
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST																		ANIMAL ID											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0							
	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2	3											
	9	9	5	9	9	9	9	9	9	9	9	9	9	9	9	9	3	7	9											
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	9	4											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8											
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0											
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0											
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0											
																				*TOTALS										
Spleen																					9									
Amyloid Deposition																						1	2.0							
Hematopoietic Cell Proliferation																						9	3.2							
Thymus																				+		1								
Integumentary System																														
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				44							
Other, Abscess																						2	4.0							
Other, Acanthosis																						3		11	2.5					
Other, Edema																								2	2.5					
Other, Exudate																									4					
Other, Hyperkeratosis																								2		5	2.2			
Other, Inflammation, Subacute																						3		4	4	11	3.4			
Other, Ulcer																						3		4	4	9	3.4			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				50							
Acanthosis																										1		1	1.0	
Edema																											1	3.0		
Exudate																											1			
Inflammation, Subacute																										2	2.5			
Ulcer																											1	4.0		
Skin, SOA-No Mass																													15	
Acanthosis																											2		9	1.9
Edema																												1	3.0	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:37
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	ANIMAL ID	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	2	3			
		9	9	5	9	9	9	9	9	9	9	9	9	9	9	9	3	7	9			
		3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	9	4			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8			
		9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0			
		9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1			
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
		*TOTALS																				
Exudate							X													8		
Hyperkeratosis																				6	2.0	
Inflammation, Subacute																				4	3.0	
Ulcer							2													5	2.4	
Musculoskeletal System																						
NONE																						
Nervous System																						
NONE																						
Respiratory System																						
Lung			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia																2					2	2.0
Alveolus, Infiltration Cellular, Histiocyte																					2	2.5
Congestion																					1	3.0
Hemorrhage																		3			3	2.3
Inflammation, Chronic, Focal																					2	2.0
Interstitialium, Inflammation										2						3					5	2.6
Interstitialium, Inflammation, Chronic, Focal																			2		9	2.1
Leukocytosis																					2	4.0
Special Senses System																						
NONE																						

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:37
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DEP	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	2
		9	9	5	9	9	9	9	9	9	9	9	9	9	9	9	3	7	9
		3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	9	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		*TOTALS																	

Urinary System

Kidney																				5	
Abscess																					1 4.0
Amyloid Deposition																					4 2.8
Hematopoietic Cell Proliferation																					1 2.0
Pelvis, Dilatation																					3 2.3
Urinary Bladder																					3
Inflammation, Chronic																					1 2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:38
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/TPA	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	1	3	1	1	1	1	1	3	3	3	1	1	3	1	3	3	3	1	3	3	3	1	1	2	2	3	3	3	1	
	9	4	9	4	4	4	4	7	0	9	3	4	4	8	4	8	3	8	4	8	6	8	4	4	9	9	5	2	4	4	
	0	1	0	1	1	1	1	3	3	0	7	1	1	9	1	9	7	9	1	9	2	7	1	1	8	9	7	0	2	8	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Abscess	3														4																											
Preputial Gland															+																											
Abscess	4														4																											
Testes																													+													
Hematopoietic System																																										
Lymph Node															+																											
Abscess															+																											
Axillary, Hematopoietic Cell Proliferation															+																											
Axillary, Hyperplasia	4														4																											
Hyperplasia															3																											
Inguinal, Hyperplasia															3																											
Mediastinal, Hyperplasia															3																											
Lymph Node, Mandibular	+														+																											
Abscess															+																											
Hyperplasia	4														4																											
Hyperplasia, Plasma Cell															4																											
Lymph Node, Mesenteric															+																											
Hyperplasia															+																											
Spleen	+														+																											
Amyloid Deposition															2																											
Hematopoietic Cell Proliferation	3														3																											

Integumentary System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:38
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CD-1 CRL Mouse Male	3	1	3	1	1	1	1	1	3	3	3	1	1	3	1	3	3	3	1	3	3	3	1	1	2	2	3	3	3	1		
DMP/TPA	9	4	9	4	4	4	4	7	0	9	3	4	4	8	4	8	3	8	4	8	6	8	4	4	9	9	5	2	4	4		
	0	1	0	1	1	1	1	3	3	0	7	1	1	9	1	9	7	9	1	9	2	7	1	1	8	9	7	0	2	8	2	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Skin				+	+	+	+		+		+		+								+		+	+	+	+		+		+		
Other, Abscess																															4	
Other, Acanthosis					3	2	3	1		2		3		2							3		2	2	2	2			3		3	
Other, Exudate						X	X			X		X								X		X		X	X			X				
Other, Hyperkeratosis					1	2	2			2										2		2			1	1						
Other, Inflammation, Subacute					4	4	4	2		4				3						4		3	4	4	4			4		4		
Other, Ulcer					4	4	4			4		4		4						4		3	4	4	4			4		4		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis																															2	
Exudate																				X												
Hyperkeratosis																				2						2						
Skin, SOA-Mass																+					+										+	
Acanthosis, Focal																																
Skin, SOA-No Mass	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																															2	
Acanthosis	3	3	2	2	3	2	4	3	2	2		2	2	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2	1	2	3	
Exudate	X	X	X	X	X		X	X				X	X	X	X	X		X	X	X	X		X	X		X				X		
Hyperkeratosis	2	2		2	1		1	3	2	1	3	3	2	2	2	2	2	2	2		2			1	2	1	2	2	2	3	2	
Inflammation, Subacute	2	4	2	4	3	2	4	4												4	4	2	3	4	2	2	3	3	4	4		
Ulcer	3	4			4		4	4												4	4		3	4						4		

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:39
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/TPA	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	2	1	1	3	2	3	3	3	1	3	3	2	3	1	1	1	3		
	4	5	4	4	9	8	3	9	2	4	9	8	8	9	4	4	4	9		
	2	6	2	2	3	4	4	3	5	2	4	3	4	4	2	2	2	4		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Abscess																		2	3.5	
Preputial Gland																		2		
Abscess																		2	4.0	
Testes																		1		
Hematopoietic System																				
Lymph Node	+		+	+						+	+				+	+	+	+	25	
Abscess																			1	4.0
Axillary, Hematopoietic Cell Proliferation																3			1	3.0
Axillary, Hyperplasia	4		4	4						4					4	4	4	4	21	3.8
Hyperplasia										4					4				5	3.8
Inguinal, Hyperplasia	3																		2	3.0
Mediastinal, Hyperplasia																			1	3.0
Lymph Node, Mandibular	+		+	+			+			+					+	+	+		22	
Abscess	4						4												3	4.0
Hyperplasia	4		3	4			3			3					4	4	4		22	3.8
Hyperplasia, Plasma Cell																			1	4.0
Lymph Node, Mesenteric			+																1	
Hyperplasia			2																1	2.0
Spleen	+			+		+	+		+	+	+		+		+	+	+	+	34	
Amyloid Deposition						3	3		2										9	2.2
Hematopoietic Cell Proliferation	4			3			4		3	3	3		4		3	3	3	3	33	3.3

Integumentary System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:39
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/TPA	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	1	1	3	2	3	3	3	1	3	3	2	3	1	1	1	3	
	4	5	4	4	9	8	3	9	2	4	9	8	9	4	4	4	4	9	
	2	6	2	2	3	4	4	3	5	2	4	3	4	4	2	2	2	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Skin	+			+		+	+	+					+			+	+	22	
Other, Abscess								4										2 4.0	
Other, Acanthosis	3			2		3	3					2			3	2		21 2.4	
Other, Exudate	X			X			X								X			13	
Other, Hyperkeratosis	1			2												3		11 1.7	
Other, Inflammation, Subacute	4			4			4					2			4	4		19 3.7	
Other, Ulcer	4			4		3	4					3			4	4		20 3.9	
Skin, Control	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Acanthosis																		1 2.0	
Exudate																		1	
Hyperkeratosis																		2 2.0	
Skin, SOA-Mass							+	+										5	
Acanthosis, Focal							4											1 4.0	
Skin, SOA-No Mass	+		+	+	+	+			+	+	+	+	+	+	+	+	+	48	
Abscess																		2 3.0	
Acanthosis	1		2	2	2	2	2		2	2	2	3	3	2	3	3	2	2 2 2	
Exudate			X						X	X	X		X	X	X	X	X	30	
Hyperkeratosis	2		2	1	2		2					2				3	2	34 2.0	
Inflammation, Subacute			3	2	2				4	4	3	3	4	2	4	2	2	4 4	
Ulcer			4	2			2		4	4	4	3	4	4	4		4	27 3.6	

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:39
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/TPA	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	1	1	3	2	3	3	3	1	3	3	2	3	1	1	1	1	3
	4	5	4	4	9	8	3	9	2	4	9	8	8	9	4	4	4	4	9
	2	6	2	2	3	4	4	3	5	2	4	3	4	4	2	2	2	2	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Nervous System

Brain + + 2

Respiratory System

Lung + + + + + + + + + + + + + + + + 49
 Alveolar Epith, Hyperplasia 3 2 2.5
 Alveolus, Infiltration Cellular, Histiocyte 3 1.7
 Atelectasis 4 1 4.0
 Congestion 2 3.0
 Hemorrhage 1 2.0
 Interstitium, Inflammation 2 2.5
 Interstitium, Inflammation, Chronic, Focal 1 2.0
 Leukocytosis 2 2 3 5 2.2

Special Senses System

Ear 1
 Eye + 5
 Cornea, Hyperplasia 1 3.0
 Cornea, Inflammation, Chronic 2 3.0
 Cornea, Lids, Inflammation, Subacute 3 1 3.0

Urinary System

Kidney + + 4
 Abscess 1 3.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:39
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/TPA	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	1	1	3	2	3	3	3	1	3	3	2	3	1	1	1	1	3	
	4	5	4	4	9	8	3	9	2	4	9	8	8	9	4	4	4	4	9	
	2	6	2	2	3	4	4	3	5	2	4	3	4	4	2	2	2	2	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Abscess																			1	3.0
Amyloid Deposition							2					2							2	2.0
Cortex, Atrophy												4							1	4.0
Cortex, Infiltration Cellular, Plasma Cell																			1	3.0
Papilla, Mineralization																			1	2.0
Papilla, Necrosis												3							1	3.0
Pelvis, Dilatation																			1	2.0
Prox Con Tub, Necrosis																			1	3.0
Prox Con Tub, Vacuolization Cytoplasmic							2												1	2.0
Urinary Bladder																				1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:40
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CD-1 CRL Mouse Male	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
DMP/ACETONE	9	9	8	9	9	9	9	8	5	9	9	9	8	9	9	3	9	7	9	0	8	8	8	8	8	8	5	6	8	8
	0	0	8	0	0	0	0	9	7	0	0	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	

Edema																															
Preputial Gland																															
Abscess																															
Dilatation																															
Seminal Vesicle																															
Dilatation																															
Hematopoietic System																															
Lymph Node																															
Hyperplasia																															
Lymph Node, Mandibular																															
Cyst																															
Hyperplasia																															
Lymph Node, Mesenteric																															
Hematopoietic Cell Proliferation																															
Hemorrhage																															
Spleen																															
Amyloid Deposition																															
Congestion																															
Hematopoietic Cell Proliferation																															
Integumentary System																															
Skin																															
Other, Abscess																															

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:40
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CD-1 CRL Mouse Male	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
DMP/ACETONE	0	0	8	0	0	0	0	0	9	7	0	0	0	3	0	0	2	0	0	0	8	8	8	8	8	8	5	6	8	8
Other, Acanthosis			3						2							3	3	2	2			3							3	
Other, Edema									3	3																		3		
Other, Exudate			X												X	X	X				X							X		
Other, Hyperkeratosis									2						2						3							2		
Other, Inflammation, Subacute			3												3	4	3				4							2		
Other, Ulcer			3					3							3	4	3	3			4							3		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema													2																	
Inflammation, Subacute																														
Skin, SOA-No Mass			+					+	+						+	+					+					+		+		
Acanthosis			2					3	2						1	2					3					1		2		
Exudate								X	X												X							X		
Hyperkeratosis																					3									
Inflammation, Subacute								2																				2		
Ulcer								2																		2		2		
Musculoskeletal System																														
NONE																														
Nervous System																														
NONE																														
Respiratory System																														
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 051119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:40
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CD-1 CRL Mouse Male	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
DMP/ACETONE	9	9	8	9	9	9	9	8	5	9	9	9	8	9	9	3	9	7	9	8	8	8	8	8	8	8	5	6	8	8
	0	0	8	0	0	0	0	9	7	0	0	3	0	0	0	2	0	9	0	8	8	8	8	8	8	8	5	2	8	9

Abscess																																
Alveolar Epith, Hyperplasia			2																													
Alveolus, Infiltration Cellular, Histiocyte								1			2																					
Congestion																2																
Fibrosis, Focal																													2			
Foreign Body															3																	
Hemorrhage														3						2												
Interstitial, Inflammation			2							2							2		3													
Interstitial, Inflammation, Chronic, Focal	1			1			2			1		3								2	1											
Leukocytosis			3																													
Pleura, Inflammation, Suppurative																																
Special Senses System																																
Ear									+																							
Eye																																
Cornea, Inflammation, Chronic											3																					
Cornea, Inflammation, Subacute																3																
Urinary System																																
Kidney											+	+		+	+																	
Abscess																																
Amyloid Deposition												3	3			4																
Pelvis, Dilatation																3																
Urinary Bladder																																

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:41
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/ACETONE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
	8	8	8	8	8	8	7	6	8	9	9	9	9	9	9	9	5	9	9
	9	9	9	9	9	9	1	0	9	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS																		

Alimentary System

Liver	+		+			+														14		
Abscess																					1	4.0
Amyloid Deposition																					5	1.6
Hematopoietic Cell Proliferation																					3	3.7
Inflammation, Chronic, Focal																					6	1.8
Necrosis																					1	2.0
Pancreas																					1	
Stomach, Glandular																					1	

Cardiovascular System

Heart																						1	
Amyloid Deposition																						1	3.0
Atrium, Thrombosis																						1	

Endocrine System

Pituitary Gland																						1	
Cyst																						1	

General Body System

Tissue NOS																							4
------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Genital System

Penis																							2
-------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:41
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/ACETONE	DAY ON TEST																		*TOTALS							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
ANIMAL ID	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3								
	8	8	8	8	8	8	7	6	8	9	9	9	9	9	9	5	9	9								
	9	9	9	9	9	9	1	0	9	5	5	5	5	5	5	5	5	5								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8								
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1								
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0								
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9								
Edema																			3	1	3.0					
Preputial Gland																				2						
Abscess																				1	4.0					
Dilatation																				1	3.0					
Seminal Vesicle		+		+					+																	
Dilatation		2		2																						
																				7						
Hematopoietic System																										
Lymph Node																				+	+	2				
Hyperplasia																				2	3	2	2.5			
Lymph Node, Mandibular																				6						
Cyst																				1						
Hyperplasia																				5	3.4					
Lymph Node, Mesenteric																				1						
Hematopoietic Cell Proliferation																				1	3.0					
Hemorrhage																				1	3.0					
Spleen																				A		+		+	7	
Amyloid Deposition																						2			1	2.0
Congestion																									1	3.0
Hematopoietic Cell Proliferation																						4		3	7	3.3
Integumentary System																										
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
Other, Abscess																					4	2	4.0			

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:41
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/ACETONE	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	
	8	8	8	8	8	8	7	6	8	9	9	9	9	9	9	9	9	9	
	9	9	9	9	9	9	1	0	9	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Other, Acanthosis											3	2			2			11 2.5	
Other, Edema							3											4 3.0	
Other, Exudate										X	X				X			9	
Other, Hyperkeratosis																		4 2.3	
Other, Inflammation, Subacute												4			3			8 3.3	
Other, Ulcer						4					3	4			2			12 3.3	
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema																		1 2.0	
Inflammation, Subacute												2			2			2 2.0	
Skin, SOA-No Mass						+										+		10	
Acanthosis						2												9 2.0	
Exudate						X												5	
Hyperkeratosis																		1 3.0	
Inflammation, Subacute															2			3 2.0	
Ulcer																		3 2.0	
Musculoskeletal System																			
NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 051119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:41
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMP/ACETONE	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
	8	8	8	8	8	8	7	6	8	9	9	9	9	9	9	9	5	9	9	
	9	9	9	9	9	9	1	0	9	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Abscess																		4	1 4.0	
Alveolar Epith, Hyperplasia																			1 2.0	
Alveolus, Infiltration Cellular, Histiocyte									2		2								4 1.8	
Congestion			2						2									2	4 2.0	
Fibrosis, Focal																			1 2.0	
Foreign Body																			1 3.0	
Hemorrhage					2														3 2.3	
Interstitial, Inflammation																			4 2.3	
Interstitial, Inflammation, Chronic, Focal													1						8 1.5	
Leukocytosis								3											2 3.0	
Pleura, Inflammation, Suppurative																	4		1 4.0	
Special Senses System																				
Ear							+					+							5	
Eye																			2	
Cornea, Inflammation, Chronic																			1 3.0	
Cornea, Inflammation, Subacute																			1 3.0	
Urinary System																				
Kidney							+												8	
Abscess																			1 4.0	
Amyloid Deposition																		2	5 3.0	
Pelvis, Dilatation																		1	4 2.0	
Urinary Bladder								A										+	3	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:41
 First Dose M/F: NA / NA
 Lab: HAZLETON

		DAY ON TEST																		
CD-1 CRL Mouse Male DMP/ACETONE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	
		8	8	8	8	8	8	7	6	8	9	9	9	9	9	9	9	5	9	
		9	9	9	9	9	9	1	0	9	5	5	5	5	5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	
		9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
																				*TOTALS
	Calculus Micro Observation Only																			1
	Congestion																			1 2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:43
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DMP	DAY ON TEST		ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	1	3	3		
	8	3	8	9	9	9	6	9	9	9	2	9	9	9	9	4	9	9			
	9	0	2	5	5	5	5	5	5	5	7	5	5	5	5	2	5	5			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6			
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Intestine Large, Cecum		+		+																2			
Edema			3																		2	3.0	
Inflammation, Chronic			3																		1	3.0	
Necrosis			3																		1	3.0	
Intestine Small, Duodenum																					1		
Amyloid Deposition																					1	1.0	
Intestine Small, Ileum			+										+								3		
Amyloid Deposition			4																		2	4.0	
Intestine Small, Jejunum																					2		
Amyloid Deposition																					1	3.0	
Liver																					6		
Abscess																						1	4.0
Amyloid Deposition																						1	2.0
Clear Cell Focus, Multiple																						1	4.0
Cytomegaly																						1	3.0
Inflammation, Chronic, Focal																					1	4	2.0
Pancreas			+																			3	
Edema			3																			3	2.7

Cardiovascular System

Heart			+																			3	
Amyloid Deposition				2																		3	2.3

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 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:43
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DMP	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	1	3	3	
	8	3	8	9	9	9	6	9	9	9	9	2	9	9	9	9	4	9	9	
	9	0	2	5	5	5	5	5	5	5	5	7	5	5	5	5	2	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	
Atrium, Thrombosis	X																		2	
Endocrine System																				
Thyroid Gland																			1	
Amyloid Deposition																			1 4.0	
General Body System																				
Tissue NOS																			4	
Genital System																				
Penis	+																		1	
Preputial Gland																			1	
Abscess																			3 1 3.0	
Dilatation																			2 1 2.0	
Prostate																			1	
Hemorrhage																			1 4.0	
Seminal Vesicle																			3	
Dilatation																			3 2.3	
Testes																			1	
Amyloid Deposition																			1 3.0	
Seminif Tub, Atrophy																			1 4.0	
Hematopoietic System																				
Lymph Node																			+	
Axillary, Hyperplasia																			4 1 4.0	

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 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
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 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:43
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DMP	DAY ON TEST																		*TOTALS			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	1	3	3			
	8	3	8	9	9	9	6	9	9	9	9	2	9	9	9	9	4	9	9			
	9	0	2	5	5	5	9	5	5	5	5	7	5	5	5	5	2	5	5			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6			
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0			
Axillary, Hyperplasia																			4	1	4.0	
Hematopoietic Cell Proliferation																			4	1	4.0	
Pancreatic, Hematopoietic Cell Proliferation																			4	1	4.0	
Lymph Node, Mandibular																			+	1		
Cyst																			X	1		
Hyperplasia																			4	1	4.0	
Lymph Node, Mesenteric																			+	1		
Cyst																			X	1		
Spleen																			+	4		
Hematopoietic Cell Proliferation																			3	4	3.0	
Integumentary System																						
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44	
Other, Acanthosis																				3	4	2.5
Other, Edema																				3	5	2.6
Other, Exudate																			X	4		
Other, Hyperkeratosis																				2	1	2.0
Other, Inflammation, Subacute																				4	4	3.3
Other, Ulcer																				4	3	3.7
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema																					3	2.3
Ulcer																					1	2.0
Skin, SOA-Mass																					1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:43
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DMP	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	1	3	3	
	8	3	8	9	9	9	6	9	9	9	2	9	9	9	9	4	9	9	
	9	0	2	5	5	5	9	5	5	5	7	5	5	5	5	2	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Skin, SOA-No Mass						+	+									+	+	10	
Acanthosis																3		7 1.7	
Edema								3										1 3.0	
Exudate																X		2	
Hyperkeratosis																1		2 1.0	
Inflammation, Subacute																2		3 1.7	
Ulcer						2											2	3 2.3	
Musculoskeletal System																			
NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar Epith, Hyperplasia																		1 2.0	
Alveolus, Infiltration Cellular, Histiocyte			3															5 2.6	
Atelectasis										4								1 4.0	
Congestion		2	3									2						6 2.5	
Fibrosis, Focal													2					1 2.0	
Hemorrhage															2			9 2.1	
Interstitial, Inflammation		2			2					2				2			3	11 2.3	
Interstitial, Inflammation, Chronic, Focal				3		1												7 2.1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
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 M ..Missing tissue
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:43
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male DMBA/DMP	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	1	3	3		
	8	3	8	9	9	9	6	9	9	9	2	9	9	9	9	4	9	9			
	9	0	2	5	5	5	9	5	5	5	7	5	5	5	5	2	5	5			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6		
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0		

Special Senses System

NONE

Urinary System

Kidney		+		+															10	
Amyloid Deposition			3																7	3.3
Cortex, Cyst																			3	
Infarct																			1	3.0
Nephropathy																			1	2.0
Pelvis, Dilatation																			4	2.5
Urethra																			1	
Urinary Bladder		+																	2	
Hemorrhage																			1	4.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:44
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3
	1	8	8	8	6	8	8	8	8	8	9	9	8	9	9	9	9	9	9	9	8	8	8	8	8	4	8	8
	7	4	8	8	6	8	8	8	8	8	3	3	4	3	3	3	3	3	3	7	7	7	7	7	7	1	7	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	A	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic																												
Intestine Large, Cecum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition													2		1													
Edema																												
Intestine Large, Colon	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																												3
Intestine Large, Rectum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Intestine Small																												+
Cortex, Amyloid Deposition																												4
Intestine Small, Duodenum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition											1	2	1		1		1	1								1		2
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition				3							3	4	4	4	3	4	4	4	4							3		4
Hemorrhage																												
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition											2	3	2		2		2	2								2		3
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition											2	3	2		2		2									2		2
Basophilic Focus											X																	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:44
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	
	1	8	8	8	6	8	8	8	8	8	9	9	8	9	9	9	9	9	9	9	8	8	8	8	8	4	8	8	8	
	7	4	8	8	6	8	8	8	8	8	3	3	4	3	3	3	3	3	3	7	7	7	7	7	7	1	7	0	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Hematopoietic Cell Proliferation																													2	
Hepatocyte, Hyperplasia																														2
Hyperplasia																														3
Inflammation, Chronic, Focal			2	2							2	2	2		1		2	2	2	2						2	2			2
Karyomegaly																														
Necrosis																														3
Vacuolization Cytoplasmic																														2
Vacuolization Nuclear																														3
Pancreas			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																														2
Inflammation, Subacute																														3
Salivary Glands			+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																														2
Stomach																														
Mucosa, Hyperplasia																														3
Mucosa, Hyperplasia, Glandular																														3
Stomach, Forestomach			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition																														2
Inflammation, Chronic																														2
Mucosa, Dilatation																														2
Mucosa, Hyperplasia																														3

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:45
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3
	1	8	8	8	6	8	8	8	8	8	9	9	8	9	9	9	9	9	9	9	8	8	8	8	8	4	8	8	8
	7	4	8	8	6	8	8	8	8	8	3	3	4	3	3	3	3	3	3	7	7	7	7	7	7	1	7	0	7
Pars Distalis, Hyperplasia, Focal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thyroid Gland	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Amyloid Deposition	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Follicle, Dilatation	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
General Body System																													
Tissue NOS																													
Abscess																													
Genital System																													
Epididymis																													
Spermatocele																													
Penis																													
Inflammation, Suppurative																													
Preputial Gland																													
Abscess																													
Prostate																													
Abscess																													
Inflammation																													
Inflammation, Chronic																													
Seminal Vesicle																													
Dilatation																													
Inflammation																													
Testes																													

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:45
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	2	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	
	1	8	8	8	6	8	8	8	8	8	9	9	8	9	9	9	9	9	8	8	8	8	8	8	4	8	8	8	
	7	4	8	8	6	8	8	8	8	8	3	4	3	3	3	3	3	3	7	7	7	7	7	7	1	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	
Amyloid Deposition										4				4	2	3	2		1					2					
Fibrosis																													4
Inflammation, Chronic																													3
Interstit Cell, Hyperplasia					2				3		2																		
Seminif Tub, Degeneration				4				3		4	3			3	2	3	2		1	1				3					
Seminif Tub, Giant Cell																													
Hematopoietic System																													
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node														+														+	
Axillary, Hyperplasia																												3	
Hyperplasia														3															
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																													
Cyst															X														
Hematopoietic Cell Proliferation																												2	
Hyperplasia		4												3	3													3	
Lymph Node, Mesenteric		+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																												3	
Amyloid Deposition																													
Hematopoietic Cell Proliferation																													
Hyperplasia		3																											
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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M ..Missing tissue

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1-4 ..Lesion qualified as:

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:46
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																																																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
CD-1 CRL Mouse Male	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3																							
ACETONE/DMP	1	8	8	8	6	8	8	8	8	9	9	8	9	9	9	9	9	9	8	8	8	8	8	8	4	8	8	8	8																							
	7	4	8	8	6	8	8	8	8	3	3	4	3	3	3	3	3	3	7	7	7	7	7	7	1	7	7	7	7																							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8																							
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																							
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8																							
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9																							
Amyloid Deposition												2							2																																	
Hematopoietic Cell Proliferation	3		3	2	3	2	2	1	4	2	2	2	3	2	3	2	2	1	2	2	2	2	2	2	2	2	2	3	1	1	4																					
Pigmentation, Hemosiderin																																																				
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																							
Integumentary System																																																				
Mammary Gland	M	M	M	M	+	+	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	+	M	M	M	M	M																						
Skin	+	+	+		+	+	+	+	+	+	+	+		+	+		+	+	+	+	+	+		+	+	+	+	+	+	+																						
Other, Abscess	4																										4																									
Other, Acanthosis	3																				2		2																													
Other, Edema																																																				
Other, Exudate	X																				X																															
Other, Hyperkeratosis																																																				
Other, Inflammation, Subacute	4												4		2		4																																			
Other, Ulcer	4												4		1		4																																			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																						
Acanthosis																																																				
Inflammation, Subacute																																																				
Skin, SOA-Mass															+																																					
Acanthosis, Focal															4																																					
Skin, SOA-No Mass	+						+						+		+						+		+																													
Acanthosis	2						1						2		2						1		2																													
Exudate											X		X						X						X																											

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:46
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3
	1	8	8	8	6	8	8	8	8	8	9	9	8	9	9	9	9	9	9	8	8	8	8	8	8	4	8	8	8
	7	4	8	8	6	8	8	8	8	8	3	4	3	3	3	3	3	3	7	7	7	7	7	7	7	1	7	0	7
Hyperkeratosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammation, Subacute	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Ulcer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Bone													M																
Brain																													
Thalamus, Mineralization, Focal													1																
Lung																													
Alveolar Epith, Hyperplasia													2												2				
Alveolus, Infiltration Cellular, Histiocyte													2																
Amyloid Deposition																													
Congestion																													
Interstitialium, Inflammation																													
Interstitialium, Inflammation, Chronic, Focal																													
Nose																													
Inflammation, Suppurative																													
Trachea																													
Ear																													

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
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 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:47
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	9	9	8	
	7	7	7	8	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	
9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1	
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	0	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Inflammation, Chronic				2																	1 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	46
Amyloid Deposition																					2 1.5
Edema												3			3						2 3.0
Intestine Large, Colon	+	+	+	M	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	45
Edema												3									2 3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	A	45
Intestine Small																					1
Cortex, Amyloid Deposition																					1 4.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Amyloid Deposition				1	2		1							2		2	2			2	17 1.5
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Amyloid Deposition				2	4	4		4	4	3		4	3	4	4		4	4		3 3	28 3.6
Hemorrhage												3									1 3.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Amyloid Deposition				2	2		2	2			2		4	2		2	2			2	20 2.3
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Amyloid Deposition				2	2						2	2	2	2						2	16 2.1
Basophilic Focus																X					2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:47
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2.0	
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	8	2	2.0	
	7	7	7	8	7	7	7	7	7	4	4	4	4	4	4	4	4	9	1	3.0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	1.8	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1	3.0	
	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2.7	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1	1	2.0	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	4	3.3	
Hematopoietic Cell Proliferation																			49		
Hepatocyte, Hyperplasia																			7	2.3	
Hyperplasia																			1	3.0	
Inflammation, Chronic, Focal	2			2				2	1	2	2		1		2	1	1	2	1	16	2.4
Karyomegaly																			3	3	
Necrosis																			3	9	2.1
Vacuolization Cytoplasmic																			4	1	2.0
Vacuolization Nuclear																			3	4	3.3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Edema																			3	7	2.3
Inflammation, Subacute																			2	1	3.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	16	2.4
Amyloid Deposition																			2	3	
Stomach	+																			3	
Mucosa, Hyperplasia																				2	3.0
Mucosa, Hyperplasia, Glandular	3																			1	3.0
Stomach, Forestomach	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Stomach, Glandular	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Amyloid Deposition																			3	9	2.1
Inflammation, Chronic																			2	1	2.0
Mucosa, Dilatation																			2	1	2.0
Mucosa, Hyperplasia																			3	2	3.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:47
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	9	8
	7	7	7	8	7	7	7	7	7	4	4	4	4	4	4	4	4	4	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Abscess																				1 2.0
Amyloid Deposition	2		2	2		1	1	2		3	2	3	3		2	3			2	26 2.0
Atrium, Thrombosis										X			X							3
Inflammation, Chronic, Focal																				2 1.0

Endocrine System

Adrenal Gland	+		+				+		+	+	+			+		+		+	+	22
Amyloid Deposition																				1 4.0
Capsule, Hyperplasia	2		2				1		2	2	2			1		2		1	1	22 1.7
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	48
Amyloid Deposition	2		3	2		2		2		4	3		3		2	3			3	21 2.9
Hyperplasia, Focal																				1 2.0
Hypertrophy, Focal														2						1 2.0
Pigmentation	2		2		3			2	2		3			3	1		2			26 2.2
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	48
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Parathyroid Gland	M	+	+	M	+	M	+	+	+	M	+	+	+	+	+	M	+	+	M	34
Amyloid Deposition				2							2	3	3		1			1		12 1.9
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Pars Distalis, Cyst																				1
Pars Distalis, Hyperplasia																				1 1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:47
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	8	
	7	7	7	8	7	7	7	7	7	4	4	4	4	4	4	4	4	9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	
9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1	
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Pars Distalis, Hyperplasia, Focal																		2	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Amyloid Deposition			2	1		1	3			2	2	3	2		2	2		24	
Follicle, Dilatation																		1	
General Body System																			
Tissue NOS									+									3	
Abscess																		2	
Genital System																			
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Spermatocele															X			1	
Penis													+					2	
Inflammation, Suppurative																		1	
Preputial Gland										+								2	
Abscess																		1	
Prostate	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	48	
Abscess																		1	
Inflammation																		1	
Inflammation, Chronic																		2	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Dilatation										3								6	
Inflammation																		1	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:48
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	8		
	7	7	7	8	7	7	7	7	7	4	4	4	0	4	4	4	4	9		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2		
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Amyloid Deposition									3	4					1		4	11 2.7		
Fibrosis																		1 4.0		
Inflammation, Chronic																		1 3.0		
Interstit Cell, Hyperplasia											3						3	5 2.6		
Seminif Tub, Degeneration			3	1					2	4	3				2	2	2	2	4	21 2.6
Seminif Tub, Giant Cell											3									1 3.0
Hematopoietic System																				
Bone Marrow		+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	47
Lymph Node																			+	3
Axillary, Hyperplasia																				1 3.0
Hyperplasia																		3		2 3.0
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Amyloid Deposition												2								1 2.0
Cyst																			X	2
Hematopoietic Cell Proliferation		3																		2 2.5
Hyperplasia											3								4	6 3.3
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	47
Abscess																				1 3.0
Amyloid Deposition									1	2				4		2				11 2.2
Hematopoietic Cell Proliferation																	2			1 2.0
Hyperplasia										3										2 3.0
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49

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 I ..Insufficient tissue
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 BLANK ..Not examined microscopically
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 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:48
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																		*TOTALS	
	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7	0 3 8 7		
ANIMAL ID	0 8 1 9 2	0 8 1 9 3	0 8 1 9 4	0 8 1 9 5	0 8 1 9 6	0 8 1 9 7	0 8 1 9 8	0 8 1 9 9	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	0 8 1 9 0	
Amyloid Deposition				1					2		2	4					2		8 2.1	
Hematopoietic Cell Proliferation	2	3	2	2	2	2	2	1	1	2	2	2		1	2	2	2	4	2	47 2.1
Pigmentation, Hemosiderin										1									2	2 1.5
Thymus	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	+	M	+	+	42
Integumentary System																				
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	6
Skin	+	+	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	42
Other, Abscess																				2 4.0
Other, Acanthosis	2									2								3		7 2.3
Other, Edema													3						3	3 2.7
Other, Exudate										X										5
Other, Hyperkeratosis																		2		2 1.5
Other, Inflammation, Subacute	3										4							4		8 3.6
Other, Ulcer	3										4							4		8 3.5
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Acanthosis							1													1 1.0
Inflammation, Subacute							1													1 1.0
Skin, SOA-Mass																				1
Acanthosis, Focal																				1 4.0
Skin, SOA-No Mass	+					+				+	+									12
Acanthosis	2					1					1									11 1.6
Exudate	X										X									7

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1-4 ..Lesion qualified as:

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:48
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																				*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	1.8
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	9	9	8	7	2.0
	7	7	7	8	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	9	6	2.3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2		
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0		
Hyperkeratosis																					4	1.8
Inflammation, Subacute																					7	2.0
Ulcer	2									2											6	2.3
Musculoskeletal System																						
Bone	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	47	
Nervous System																						
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Thalamus, Mineralization, Focal																					1	1.0
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Alveolar Epith, Hyperplasia				2							3										4	2.3
Alveolus, Infiltration Cellular, Histiocyte												1									4	2.0
Amyloid Deposition				2																	1	2.0
Congestion						3										3					5	2.4
Interstitialium, Inflammation																	3				4	2.8
Interstitialium, Inflammation, Chronic, Focal										4			3			3					9	2.4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Inflammation, Suppurative																					1	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Special Senses System																						
Ear																			+		1	

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 + ..Tissue examined microscopically
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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:48
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/DMP	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	8	8	8	1	8	8	8	8	8	9	5	9	9	9	9	9	9	9	9	8	
	7	7	7	8	7	7	7	7	7	4	4	4	4	4	4	4	4	4	4	9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	
9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1	
2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	0	
Eye																					1
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Abscess																					1 4.0
Amyloid Deposition	3		2	2		3				4	3	3	3		2	3			3		23 2.9
Cortex, Cyst	X					X	X				X		X	X							9
Infarct																					1 3.0
Nephropathy			2			2		2						1				2	4		15 1.9
Pelvis, Dilatation	2					2										2				3	13 2.2
Urinary Bladder	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Calculus Micro Observation Only																					6
Inflammation																					1 2.0
Mucosa, Hyperplasia																					1 2.0

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1-4 ..Lesion qualified as:

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:49
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+		
Gallbladder	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	A	A	+	+	M	+	+	+	+	+	+	+		
Inflammation, Chronic																																
Intestine Large	+																															
Mucosa, Necrosis	4																															
Intestine Large, Cecum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+		
Amyloid Deposition																															2	
Edema																															4	
Intestine Large, Colon	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Edema																																
Intestine Large, Rectum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+		
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+		
Amyloid Deposition				1											2	1	1	1			2		3		2		1	1		1	2	1
Intestine Small, Ileum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+		
Amyloid Deposition	3		4		3				3	3		3	3	3	4	4		4				3		3	4		3		2	3	3	
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	M	+	+	+	A	A	+	+	+	+	+	+	+	+	+		
Amyloid Deposition	2		2		1				2	2		2	2	1				2				3		2	1		2		2	2	2	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Abscess																																
Amyloid Deposition				2		2							2		2				2		2			2	2				2		4	
Centrilobular, Cytomegaly																															2	

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:49
 First Dose M/F: NA / NA
 Lab: HAZLETON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD-1 CRL Mouse Male	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ACETONE/ACETONE	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9	9
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Cyst Multilocular																																						
Eosinophilic Focus																																						
Hematopoietic Cell Proliferation																																						
Inflammation, Chronic, Focal	2	1	1			3				1	2			1	2			2	2	1			1			2	2	2	1	1	2			2	2			3
Karyomegaly																																						
Necrosis	2																											1										
Regeneration, Focal																																						
Vacuolization Cytoplasmic																																						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema																																						
Hypertrophy, Focal																																						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition	2		2			2						2	2		2					4	4	2		2			2		2			3						
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition																																						
Dilatation																																						
Inflammation, Chronic																																						
Necrosis, Focal																																						
Cardiovascular System																																						
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																																						

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 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:50
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3		
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9		
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Amyloid Deposition	2		2		2	1		2	2			2	1	1	2	2		2		3	2	2		2	2		2	1	2	1	
Atrium, Thrombosis																															
Inflammation, Chronic, Focal		2																			2										
Ventricle, Thrombosis																															
Endocrine System																															
Adrenal Gland	+							+	+	+	+				+	+			+	+	+						+	+	+		
Capsule, Hyperplasia	2							1	3		2				3	2			2	2		2		2	2	3			2	3	1
Pigmentation										2																					
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition	3		3			2		2	2		2	4	2		3			3		3	3	2		3	3		2		2		3
Hyperplasia, Focal																															
Hypertrophy, Focal																															
Infiltration Cellular, Plasma Cell																															
Infiltration Cellular, Plasma Cell, Lymphocyte																															
Pigmentation	2		2	2			1			1					1	2		2	2		1						2			2	
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation																															
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	+	M	M	M	+	+	M	M	M	M	M	M	M	M	
Amyloid Deposition																															
Pituitary Gland	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia, Focal																															

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Pars Intermed, Cyst																													
Thyroid Gland	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition	2		2		1				2	2		2	2		1		2		3		3		2		2	1		2	
Follicle, Dilatation													3										3						
General Body System																													
Tissue NOS																													
Abscess																													
Granuloma																													
Genital System																													
Coagulating Gland						+																							
Abscess						4																							
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Subacute																													
Penis						+				+													+						
Preputial Gland																													
Inflammation																													
Prostate	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																													
Inflammation																													
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation																													
Fibrosis																													

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CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9	
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Inflammation																														
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition	3		1								2	3											3					2	2	
Interstit Cell, Hyperplasia				1										2								1								
Seminif Tub, Degeneration	3		2				1			1	2	3		1	3		2			1			3			1		2	2	
Hematopoietic System																														
Bone Marrow	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																														
Axillary, Hyperplasia																														
Mediastinal, Hyperplasia																														
Pancreatic, Hyperplasia																														
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess					4																								3	
Amyloid Deposition											2																2			
Cyst			X																											
Hyperplasia			3		3	3				4						4			3				4	3				3	3	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	M	+	+	A	A	+	+	M	+	+	+	+	
Abscess																														
Amyloid Deposition				2				2			2		2		2							3				2		2	2	2
Hematopoietic Cell Proliferation																														
Hemorrhage								3																						
Hyperplasia																														

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
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 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3		
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9	9		
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Amyloid Deposition									2					1		2	2				3								2		
Hematopoietic Cell Proliferation	2	4	2	2	3		2	3	4	2	2	1	2	1	2	1	3	3	1	3	3	2	2	3		2	2	1	2	3	4
Thymus	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Cyst																															
Hyperplasia																														3	
Integumentary System																															
Mammary Gland	M	M	+	M	M	M	M	+	M	M	M	+	M	M	+	M	M	+	M	+	M	M	M	+	M	M	+	+	M	M	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Other, Abscess																															
Other, Acanthosis			3		2				3							3			2	2		2	2					2	3		
Other, Edema																															
Other, Exudate			X						X							X		X	X		X	X						X	X		
Other, Hyperkeratosis			2													2			2		2								2		
Other, Inflammation, Subacute			4		2				4									3	4		4	4						3	3		
Other, Ulcer			4		4	3			4						4			4	4		4	4						4	4		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin, SOA-Mass																															
Acanthosis, Focal																															
Skin, SOA-No Mass					+	+			+						+	+				+	+		+								
Acanthosis					3	1			2						2	1					2	1						2	1		
Exudate					X										X						X	X									

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9	9	
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Hyperkeratosis					2																									
Inflammation, Subacute					3	1				2						2	1						1	1			1			
Ulcer					2					3																				
Musculoskeletal System																														
Bone	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nervous System																														
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Thalamus, Mineralization, Focal					1											1			1						1			1	1	
Respiratory System																														
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																														
Alveolar Epith, Hyperplasia																														
Alveolar Epith, Metaplasia, Squamous, Focal					2																									
Alveolus, Infiltration Cellular, Histiocyte																1														
Amyloid Deposition									2																					
Atelectasis																														
Bronchiole, Inflammation, Proliferative																														
Congestion								3																						
Hemorrhage																														
Interstitial, Inflammation		2												3							3									
Interstitial, Inflammation, Chronic, Focal																												1	2	2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:52
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3		
	9	9	8	8	8	8	9	9	6	9	9	9	9	9	9	9	4	9	9	7	6	9	9	9	9	9	9	9	9		
	0	0	9	9	1	6	0	0	7	0	5	5	5	5	5	5	2	5	5	5	5	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Leukocytosis					4					3										2											
Pleura, Fibrosis, Focal																															
Pleura, Inflammation, Suppurative																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Trachea	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Special Senses System																															
Ear				+																									+		
Eye																															
Cornea, Inflammation, Chronic																															
Harderian Gland																															
Inflammation, Chronic																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Abscess					4																3										
Amyloid Deposition	3		3		2	3		2	2		2	4	2	2	3	2		4		4		2			3		2		2	2	3
Cortex, Cyst									X							X		X													
Infiltration Cellular, Plasma Cell																					3										
Nephropathy				2			2											2				2	3			2		2			
Pelvis, Dilatation								2				3						2				2			2		2		3		
Urinary Bladder	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+		

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:52
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3			
	9	9	9	1	5	9	8	9	1	9	9	7	9	6	9	9	2	9	9		
	5	5	5	6	3	5	5	9	2	3	3	7	3	7	3	3	8	3	3		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Gallbladder	+	+	+	+	A	+	M	+	+	+	+	+	+	A	+	+	+	+	+	+	42
Inflammation, Chronic				2																	1 2.0
Intestine Large																					1
Mucosa, Necrosis																					1 4.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	46
Amyloid Deposition																					1 2.0
Edema																					1 4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Edema												3									1 3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Amyloid Deposition					2							3		3							16 1.7
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Amyloid Deposition			3		4		3	2	3		4	4	4	3			2				29 3.2
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	M	+	+		44
Amyloid Deposition					3						2	3									19 2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Abscess				4	4			4													3 4.0
Amyloid Deposition											2	2		3							13 2.2
Centrilobular, Cytomegaly																					1 2.0

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:52
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3		
	9	9	9	1	5	9	8	9	1	9	9	7	9	6	9	9	2	9	9	
	5	5	5	6	3	5	9	9	2	3	3	7	3	7	3	3	8	3	3	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Cyst Multilocular									X										1	
Eosinophilic Focus										X									1	
Hematopoietic Cell Proliferation					3	4			2	2				2			2		9 2.8	
Inflammation, Chronic, Focal					2			2			2	2		2			2		26 1.7	
Karyomegaly	3																		1 3.0	
Necrosis	2				4														4 2.3	
Regeneration, Focal					2														1 2.0	
Vacuolization Cytoplasmic					3														1 3.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema													2						4 2.3	
Hypertrophy, Focal																			1 2.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Amyloid Deposition						4													14 2.5	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Amyloid Deposition						2													7 1.7	
Dilatation								2											1 2.0	
Inflammation, Chronic								2											1 2.0	
Necrosis, Focal									2										1 2.0	
Cardiovascular System																				
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Abscess						3													1 3.0	

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:52
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Amyloid Deposition					3		2				1	3		1				26	
Atrium, Thrombosis												X						1	
Inflammation, Chronic, Focal										3								3	
Ventricle, Thrombosis					4													1	
Endocrine System																			
Adrenal Gland				+						+		+			+		+	22	
Capsule, Hyperplasia				2						2		1			2		2	21	
Pigmentation																		1	
Adrenal Gland, Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Amyloid Deposition					4		3				3	3		1				23	
Hyperplasia, Focal										2								1	
Hypertrophy, Focal															2			1	
Infiltration Cellular, Plasma Cell										2								1	
Infiltration Cellular, Plasma Cell, Lymphocyte					4													1	
Pigmentation		3			2					2			2	1	2	2		21	
Adrenal Gland, Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation																2		1	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland		M	M	M	+	+	M	+	M	+	+	M	M	M	M	M	+	11	
Amyloid Deposition					2													2	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Pars Distalis, Hyperplasia, Focal																	2	1	

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 1-4 ..Lesion qualified as:
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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:53
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																		ANIMAL ID												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				0									
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3	0												
	9	9	9	1	5	9	8	9	1	9	9	7	9	6	9	9	2	9	9	0											
	5	5	5	6	3	5	9	9	2	3	3	7	3	7	3	3	8	3	3	0											
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8											
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6											
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0											
																				*TOTALS											
Pars Intermed, Cyst																					1										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46											
Amyloid Deposition					4					2											18	2.1									
Follicle, Dilatation																					2	3.0									
General Body System																															
Tissue NOS											+				+			+				3									
Abscess															4							1	4.0								
Granuloma											4											1	4.0								
Genital System																															
Coagulating Gland																														1	
Abscess																					1	4.0									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50											
Inflammation, Subacute				3																						1	3.0				
Penis											+				+							5									
Preputial Gland																					1										
Inflammation																					1	3.0									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	47											
Hyperplasia						2																			1	2.0					
Inflammation					2																					1	2.0				
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50											
Dilatation					3									3									8	3.0							
Fibrosis					2																					1	2.0				

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Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:53
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3			
	9	9	9	1	5	9	8	9	1	9	9	7	9	6	9	9	2	9	9		
	5	5	5	6	3	5	9	9	2	3	3	7	3	7	3	3	8	3	3		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6		
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Inflammation						2														1	2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Amyloid Deposition			1			3														9	2.2
Interstit Cell, Hyperplasia																				3	1.3
Seminif Tub, Degeneration			1			3				1				2						18	1.9
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	48	
Lymph Node					+	+														3	
Axillary, Hyperplasia																				1	3.0
Mediastinal, Hyperplasia					4	3														2	3.5
Pancreatic, Hyperplasia					4															1	4.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Abscess																				2	3.5
Amyloid Deposition																				2	2.0
Cyst																		X		2	
Hyperplasia								3	4	3				3	3			4		16	3.3
Lymph Node, Mesenteric	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	43	
Abscess													3							1	3.0
Amyloid Deposition							2					2	2		1					14	2.0
Hematopoietic Cell Proliferation	3																			1	3.0
Hemorrhage																				1	3.0
Hyperplasia					3															1	3.0

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
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 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																		*TOTALS
	0 3 9 5	0 3 9 5	0 3 9 5	0 3 9 6	0 3 5 3	0 3 9 5	0 3 8 9	0 2 9 9	0 3 1 2	0 3 9 3	0 3 9 3	0 3 7 3	0 3 9 6	0 3 9 3	0 3 2 3	0 3 9 8	0 3 2 3	0 3 9 3	
ANIMAL ID	0 8 2 4 2	0 8 2 4 3	0 8 2 4 4	0 8 2 4 5	0 8 2 4 6	0 8 2 4 7	0 8 2 4 8	0 8 2 4 9	0 8 2 4 0	0 8 2 4 1	0 8 2 4 2	0 8 2 4 3	0 8 2 4 4	0 8 2 4 5	0 8 2 4 6	0 8 2 4 7	0 8 2 4 8	0 8 2 4 9	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Amyloid Deposition							2				2			2					10 2.0
Hematopoietic Cell Proliferation	2	1	2	4	4	2	3	4	3	2	2	1	3	3	2	2	4	2	48 2.4
Thymus	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	M	43
Cyst											X								1
Hyperplasia																			1 3.0
Integumentary System																			
Mammary Gland	M	+	+	M	+	M	M	M	M	M	M	M	M	+	M	+	M	M	14
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Other, Abscess				4										4					2 4.0
Other, Acanthosis					3		2	3						3		2			15 2.5
Other, Edema											3								1 3.0
Other, Exudate					X		X	X					X		X				14
Other, Hyperkeratosis									2					2					7 2.0
Other, Inflammation, Subacute				3	4		4	4					4		3				15 3.5
Other, Ulcer				4		3	3						4		4				16 3.8
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skin, SOA-Mass								+											1
Acanthosis, Focal							4												1 4.0
Skin, SOA-No Mass				+															9
Acanthosis				2															8 1.8
Exudate																			4

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2) Mild 4) Marked

Experiment Number: 05119-01
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Diethyl phthalate/dimethyl phthalate
 CAS Number: DIETH/DIMETH

Date Report Requested: 10/15/2014
 Time Report Requested: 23:08:53
 First Dose M/F: NA / NA
 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Hyperkeratosis																		1	2.0
Inflammation, Subacute					2													9	1.6
Ulcer																		2	2.5
Musculoskeletal System																			
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Nervous System																			
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Thalamus, Mineralization, Focal				1			2				1							9	1.1
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Abscess						4						4						2	4.0
Alveolar Epith, Hyperplasia				2													3	2	2.5
Alveolar Epith, Metaplasia, Squamous, Focal																		1	2.0
Alveolus, Infiltration Cellular, Histiocyte				2				2									2	4	1.8
Amyloid Deposition																		1	2.0
Atelectasis						3												1	3.0
Bronchiole, Inflammation, Proliferative																		1	3.0
Congestion					2									2				3	2.3
Hemorrhage								2										1	2.0
Interstitial, Inflammation				3			2					3	2	3		2		9	2.6
Interstitial, Inflammation, Chronic, Focal										1		3						6	2.2

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 Test Type: INIT/PROMOT
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 Species/Strain: Mouse/CD-1 CRL

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 Lab: HAZLETON

CD-1 CRL Mouse Male ACETONE/ACETONE	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0								
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3											
	9	9	9	1	5	9	8	9	1	9	9	7	9	6	9	9	2	9	9										
	5	5	5	6	3	5	9	9	2	3	3	7	3	7	3	3	8	3	3										
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8										
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2										
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6										
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0										
																			*TOTALS										
Leukocytosis																			4	3	3	6	3.2						
Pleura, Fibrosis, Focal																					2	1	2.0						
Pleura, Inflammation, Suppurative																					4	1	4.0						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										
Special Senses System																													
Ear																							2						
Eye																					+		2						
Cornea, Inflammation, Chronic																					2		2	2.0					
Harderian Gland																					+		1						
Inflammation, Chronic																					2		1	2.0					
Urinary System																													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										
Abscess																					3		3	3.3					
Amyloid Deposition																					3	1	2	2	2	3	2	27	2.5
Cortex, Cyst																							X				5		
Infiltration Cellular, Plasma Cell																							3			3		3	3.0
Nephropathy	2		2								3			1		1			1										
Pelvis, Dilatation																							2			2		11	2.2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

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First Dose M/F: NA / NA
Lab: HAZLETON

DAY ON TEST

CD-1 CRL Mouse Male
SENTINELS

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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Species/Strain: Mouse/CD-1 CRL

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Requested: 10/15/2014
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First Dose M/F: NA / NA
Lab: HAZLETON

DAY ON TEST

CD-1 CRL Mouse Male
SENTINELS

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

END OF MALE DATA

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