

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

C Number: C50522B

Lock Date: 04/14/1994

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

TDMSE Version: 1.7.0

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Developmental Malformation

X

CARDIOVASCULAR SYSTEM

Heart
Cardiomyopathy
Atrium, Thrombosis

ENDOCRINE SYSTEM

Parathyroid Gland Hyperplasia + + + M + + + M + M + + + + + M + I + M M + M + +

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HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

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males
(cont...)

Inflammation, Chronic Active

Prepuce, Inflammation, Chronic Active

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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SPECIAL SENSES SYSTEM

Eye Inflammation	+	4
Harderian Gland	+	

URINARY SYSTEM

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Lab: BNW

Ureter

Transitional Epithelium, Hyperplasia

+

2

Urinary Bladder

Inflammation, Suppurative

Transitional Epithelium, Hyperplasia

†

1

**males
(cont...)**

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ALIMENTARY SYSTEM

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	DAY ON TEST																		
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	6	7	6	7	7	6	7	5	7	6	7	7	7	5	6	7	6
	3	2	7	3	8	3	3	0	1	9	3	3	3	3	2	5	3	3	8
	4	2	4	3	0	3	3	7	9	6	3	8	3	3	4	9	3	5	4
	4	2	4	3	0	3	3	7	9	6	3	8	3	3	4	9	3	4	4
CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
ANIMAL ID																		* TOTALS	
Developmental Malformation																		2	
X																			

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2	1.5	
Hyperplasia																							13	1.1	
Hypertrophy					1										2	1								2	2.5
Capsule, Hyperplasia																									
.....	50	3	2.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0	
Hyperplasia																									
.....	50	1	1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	2.0	
Hyperplasia																									
.....	50	1	2.0
Parathyroid Gland	+	+	M	+	M	M	+	+	+	+	M	+	I	+	M	+	+	+	+	+	+	35	1	2.0	
Hyperplasia																									
.....	35	1	2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	1	1.0	
Pars Distalis, Hyperplasia																									
Pars Intermedia, Hyperplasia																									
.....	49	1	2.0

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HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																						3 2.7
Lymph Node, Bronchial Hyperplasia	+	M	+	M	+	M	+	M	M	+	M	+	M	+	M	+	M	+	M	+	M	32
																						4 2.3
Lymph Node, Mandibular Hyperplasia	+	M	+	+	+	+	+	+	+	M	+	M	+	M	+	M	+	M	+	M	+	32
																						2 2.5
Lymph Node, Mediastinal Hyperplasia	M	+	M	M	+	+	+	+	+	M	+	M	+	M	+	M	+	M	+	M	+	34
																						1 2.0
Lymph Node, Mesenteric Hyperplasia	+	+	M	+	+	+	+	+	+	M	+	M	+	M	+	M	+	M	+	M	+	47
																						2 3.0
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																						26 2.5
																						5 1.8
Thymus	+	+	+	M	+	+	M	+	M	M	+	+	+	+	+	M	+	+	+	+	+	34

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Skin + M + 49

Inflammation, Chronic Active 3 1 3.0
Prepuce, Inflammation, Chronic Active 2 4 4 3.5

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infiltration Cellular, Histiocyte					1						2											7 1.6
Thrombosis																					1	1 1.0
Alveolar Epithelium, Hyperplasia																					2	3 1.3
Perivascular, Infiltration Cellular																					2	1 2.0

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SPECIAL SENSES SYSTEM

Eye Inflammation		1 1 4.0
Harderian Gland	+	2

URINARY SYSTEM

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Ureter

Transitional Epithelium, Hyperplasia

1

1 2.0

Urinary Bladder

Inflammation, Suppurative
Transitional Epithelium, H

+

3 2.7
1 2.0

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B6C3F1 MICE MALE 12.8 PPM	ANIMAL ID	Day on Test																								males (cont...)	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		5	7	7	7	7	7	7	5	7	6	5	7	5	7	7	5	5	6	7	6	7	7	6	7		
		8	3	3	3	3	3	3	4	3	9	8	3	2	3	3	7	9	3	3	8	3	2	3	3		
		2	3	4	3	3	3	4	4	6	3	1	3	3	3	3	4	9	6	5	3	8	3	2	5	4	
Karyomegaly		1	1	2																							
Necrosis		4		4																							
Regeneration		2	4		3	2																					
Bile Duct, Hyperplasia		2	3		2	2	2																				
Mesentery																											
Fat, Inflammation, Chronic																											
Fat, Necrosis																											
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Atrophy																											
Cytoplasmic Alteration																											
Hypertrophy																											
Duct, Cyst																											
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Infiltration Cellular, Mast Cell																											
Inflammation, Suppurative																											
Ulcer																											
Epithelium, Hyperplasia																											
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Inflammation, Suppurative																											
Mineralization																											
Tooth																											
Developmental Malformation																											

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GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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NERVOUS SYSTEM

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SPECIAL SENSES SYSTEM

Eye Inflammation

Harderian Gland

URINARY SYSTEM

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ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
Gallbladder	+	+	+	M	+	+	+	A	+	+	M	+	+	A	+	+	A	+	+	+	+	+	40
Degeneration, Hyaline																							1 1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	44
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	M	A	+	+	+	46
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	44
Necrosis																							1 4.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	A	+	+	45
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	A	+	+	A	+	+	43
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis																							3 2.7
Basophilic Focus																							2
Clear Cell Focus																							1
Degeneration, Cystic																							1 3.0
Eosinophilic Focus	X							X															7
Hematopoietic Cell Proliferation																				X	X		1 2.0

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

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

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

Blood Vessel
Mineralization + 3 2 1 3.0

Heart
Cardiomyopathy + + + + + + + + + + + + + + + + A + + + + + + 49 43 1.1

ENDOCRINE SYSTEM

Adrenal Cortex Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
	1		2		1	1			1	1								2					4 1.8
Hypertrophy																							15 1.1
.....
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
																		1					3 1.0
.....
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48
	1																						2 1.5
.....
Parathyroid Gland	+	+	M	M	+	I	+	M	+	+	M	+	+	M	M	+	+	+	A	M	+	M	32
.....
Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	47
																		2					2 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	47	
Cyst	2																	2						7 2.6
Inflammation																								4 2.3
Prostate	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48	
Hyperplasia																								1 1.0
Inflammation, Suppurative																								1 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48	
Inflammation																								2 2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49	
Atrophy																		1						3 1.3

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

Brain + + + + + + + + + + + + + + + + + A + + + + + + 49
 Spinal Cord 1

RESPIRATORY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

.. Eczema qualified as:

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

Eye Inflammation	+	1 4	1 4.0
Harderian Gland	+	5	

URINARY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

* .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 32 PPM	ANIMAL ID	DAY ON TEST																								males (cont...)	
		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	6	6	6	7	6	6	4	7	4	7	7	7	7	6	7	7	6	4	6	5	7	7	4	6	
		3	4	0	3	1	0	2	9	3	9	0	3	3	3	2	1	3	8	3	0	6	1	3	7	6	
		3	9	7	5	3	7	9	5	3	1	5	4	4	4	0	5	4	8	9	2	7	7	3	0	6	
Regeneration		2	2	2	3		3	3										4			4	4	3	2	2		
Bile Duct, Hyperplasia		2	3	2	3		2	2	1		3							4	2	2	2	1	3	3	2	3	
Centrilobular, Necrosis		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4		
Mesentery				+		+			+		+	+															
Angiectasis																											
Fat, Necrosis																											
Pancreas				+		+			+		+	+															
Atrophy																											
Basophilic Focus																											
Cytoplasmic Alteration																											
Hypertrophy																											
Salivary Glands				+		+			+		+	+															
Stomach, Forestomach				+		+			+		+	+															
Inflammation, Suppurative																											
Ulcer																											
Epithelium, Hyperplasia																											
Stomach, Glandular				+		+			+		+	+															
Inflammation, Suppurative																											
Necrosis																											
Pigmentation																											

CARDIOVASCULAR 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ALIMENTARY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

1-4 ... Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ENDOCRINE SYSTEM

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

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

† .. Tissue examined microscopically

x ... Lesion present

| .. Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

+ .. Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymph Node Iliac, Hyperplasia																									3 2.0
Lymph Node, Bronchial Hyperplasia	+	M	+	M	+	+	+	M	M	M	+	+	M	+	+	+	+	+	+	M	+	+	+	33	
Lymph Node, Mandibular Hyperplasia	M	+	M	+	M	+	+	+	M	+	+	M	+	M	+	+	+	+	M	+	+	+	M	27	
Lymph Node, Mediastinal Hematopoietic Cell Proliferation Hyperplasia	M	+	+	+	M	M	+	+	+	+	+	M	+	M	+	+	+	+	M	+	+	+	M	1 2.0	
Lymph Node, Mesenteric Angiectasis Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	37	
Spleen Accessory Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	46	
Thymus	M	M	M	+	+	+	M	M	+	+	M	M	+	M	+	M	+	M	M	M	+	M	+	25	

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

† .. Tissue examined microscopically

x .. Lesion present

X .. Lesser present
I .. Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as

+ .. Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

..... Harderian Gland + + + + + + + + 11

URINARY SYSTEM

Kidney + 50
 Cyst 1 2.0
 Hydronephrosis 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

		DAY ON TEST																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		6	6	6	7	6	6	5	5	7	6	7	6	7	5	5	7	3	5	6	7	7	6	5		
		8	9	6	3	7	6	7	5	9	3	0	3	0	3	6	4	3	8	0	2	3	3	0	8	7
		8	3	3	4	9	6	9	1	6	4	7	4	6	4	5	5	3	2	2	3	4	4	1	0	9
B6C3F1 MICE MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
32 PPM		0	0	0	0	0	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	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	
																						* TOTALS				
Inflammation, Chronic Active																						3 3.0				
Nephropathy		1	1	1	1	1	1	1	3	1	1	1	1	1	2	2	1	1	3	1	2	2	1	2	2	
Pigmentation, Hemosiderin																						43 1.3				
Renal Tubule, Hyperplasia																						1 2.0				
																						5 1.2				
Urinary Bladder		+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	I	+	+	+	+	+	48		
Inflammation, Suppurative																						3 2.7				
Transitional Epithelium, Hyperplasia																						1 2.0				

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

.. Easier qualified as:

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 80 PPM	ANIMAL ID	Day on Test																								males (cont...)	
		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	4	7	3	7	6	6	6	7	7	5	6	6	6	7	4	7	5	7	7	6	6	6	6		
		3	2	3	9	3	2	8	0	3	3	2	0	4	3	3	5	0	7	0	3	8	5	4	5	5	
		4	2	3	2	3	4	0	3	3	4	4	8	4	5	3	4	1	9	1	3	7	9	9	7	9	
Eosinophilic Focus		X		X													X		X		X						
Hematopoietic Cell Proliferation																											
Karyomegaly		1	2		1		1	2									3	2	4				2	3	1	1	
Necrosis																											
Regeneration		2		3		2	2	3	2	2	2	3		3	3								4	4	2	3	2
Bile Duct, Hyperplasia		3	2		3	2	2	3	2	2	2	3		3	3								4	4	2	2	2
Mesentery			+		+				+	+														+			
Inflammation, Granulomatous, Focal																											
Thrombosis																											
Fat, Necrosis																											
Oral Mucosa																	+										
Pancreas			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Atrophy																											
Hyperplasia																											
Hypertrophy																											
Salivary Glands			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Stomach, Forestomach																											
Inflammation, Suppurative																											
Ulcer																											
Epithelium, Hyperplasia		2	1		3	1		2	3		2	3		2	3	1		2	1	2	3	2	4	3			
Stomach, Glandular			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Mineralization																											
Necrosis																											

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

Blood Vessel

ENDOCRINE SYSTEM

Parathyroid Gland + M M M M I M M + + M M + + M + M + + + + + M M +

Pituitary Gland + + + + + M + + + + + + + + + + + + + + + + + + M + + + + +

* .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

	DAY ON TEST																					
B6C3F1 MICE MALE 80 PPM	ANIMAL ID																				males (cont...)	
Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2		
Lymph Node																						
Lymph Node, Bronchial Hyperplasia	+	+	M	+	+	M	M	M	+	M	M	M	+	M	+	+	+	M	M	+	M	
Lymph Node, Mandibular	+	+	+	+	+	+	M	M	+	M	+	+	+	M	+	M	+	M	M	M	+	M
Lymph Node, Mediastinal Hyperplasia	+	+	+	+	M	+	M	I	+	+	M	+	+	+	+	+	M	+	+	M	+	+
Lymph Node, Mesenteric Angiectasis	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	3	
Spleen Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation Infiltration Cellular, Histiocyte																						
Thymus Hyperplasia, Lymphoid	+	M	+	I	+	M	M	+	+	+	M	+	+	+	M	+	M	M	+	+	M	

INTEGUMENTARY SYSTEM

Mammary 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

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URINARY SYSTEM

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Lab: BNW

ALIMENTARY SYSTEM

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

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M.. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

1-4 .. Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 80 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		5	7	5	6	7	6	7	6	6	6	6	6	7	6	5	7	6	6	7	6	5	5	5	6		
		9	3	8	3	3	4	3	4	0	2	3	7	2	7	3	4	2	3	2	7	3	6	6	8	5	
		5	3	7	5	3	9	3	4	0	8	7	7	0	2	3	9	3	3	4	7	3	3	7	9	6	
Eosinophilic Focus		X		X																						8	
Hematopoietic Cell Proliferation			3		3																					4 2.3	
Karyomegaly		3	2	3		1	1	1	2	3	2	2					1	3	1	1	2	1	2	4		29 1.9	
Necrosis					1						4															6 3.5	
Regeneration		4	4	4		2		2	4	3	4	4		3		4	4	4	4	4	4	4	4	4	4	5	27 3.0
Bile Duct, Hyperplasia		4	3	4		2	1	2	4	3	4	2	4			4	3	3	2	3	3	3	3	3	4		36 2.9
Mesentery		+				+			+		+															11	
Inflammation, Granulomatous, Focal																											1 2.0
Thrombosis																	3										1 3.0
Fat, Necrosis																											1 3.0
Oral Mucosa																											1
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																	1										2 1.0
Hyperplasia						1																					1 1.0
Hypertrophy																											2 1.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Suppurative																	2	1									5 1.8
Ulcer		2				2											2										12 1.8
Epithelium, Hyperplasia		2			3	3	2	1						1	3	2	2	2	2	1	2	3	2	4	2		29 2.2
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	48	
Mineralization																											1 1.0
Necrosis																											1 1.0

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+ .. Tissue examined microscopically

x .. Lesion present

l .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

Mammary Gland

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

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

.. Lesion qualified as:

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

TDMS No. 05136 - 08

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia											2	1									4 1.3	
Inflammation, Suppurative												1									2 1.0	
Epiglottis, Metaplasia, Squamous																				1	1 1.0	
<hr/>																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Histiocyte											4	3	2	3	3	3	3	3	2	3	2	22 2.9

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1-4 .. Lesion qualified a

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE MALE 80 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5	7	5	6	7	6	7	6	6	6	6	6	7	6	5	7	6	6	7	6	5	5	5	6	
		9	3	8	3	3	4	3	4	0	2	3	7	2	7	3	4	2	3	2	7	3	6	6	8	5
		5	3	7	5	3	9	3	4	0	8	7	7	0	2	3	9	3	3	4	7	3	3	7	9	6
Inflammation, Focal, Chronic																										1 3.0
Alveolar Epithelium, Hyperplasia																										2 2.5
Bronchiole, Hyperplasia		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Suppurative		2																								6 1.5
Lateral Wall, Necrosis		2																								1 2.0
Olfactory Epithelium, Atrophy		3	3	2	3	3	2	2	2	2	3	2	2	3	2	3	3	1	3	3	3	3	3	3	3	49 2.5
Olfactory Epithelium, Degeneration, Hyaline																										2 2.0
Olfactory Epithelium, Hyperplasia, Adenomatous		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	48 2.0
Olfactory Epithelium, Metaplasia		3	3	2	3	3	2	2	2	2	3	2	2	3	2	3	3	1	3	3	3	3	3	3	3	49 2.5
Respiratory Epithelium, Degeneration, Hyaline																										10 1.2
Respiratory Epithelium, Necrosis		2																								1 2.0
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SPECIAL SENSES SYSTEM

Eye																										1
Inflammation																										1 4.0
Harderian Gland		+		+		+		+		+		+		+		+		+		+		+		12		
Zymbal's Gland																										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:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

URINARY SYSTEM

*** END OF MALE DATA ***

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

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

† .. Tissue examined microscopically

x .. Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as

1-4: Less qualified as:

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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

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x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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1-4 .. Lesion qualified as:

1-4: Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

Eye
Harderian Gland +

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

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M.. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

1-4: Lesion qualified as:

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

ALIMENTARY SYSTEM

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

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I .. Insufficient tissue

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

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TDMS No. 05136 - 08

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 126-99-8

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Lab: BNW

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

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1-4 .. Lesion qualified as:

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

GENERAL BODY SYSTEM

Tissue NOS + 1

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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

+ ... Tissue examined microscopically

x ... Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as

1-4: Lesion qualified as:

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2) Mild 4) Marked

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

Peripheral Nerve + 1

Spinal Cord Degeneration + 3 1 1 3.0

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+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

Eye + 1
Harderian Gland + 2

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

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

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1-4 .. Lesion qualified as

1-4 ... Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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CAS Number: 126-99-8

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Species/Strain: MICE/B6C3F1

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CAS Number: 126-99-8

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1-4 Lesion qualified as

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

	DAY ON TEST																	
B6C3F1 MICE FEMALE 12.8 PPM	ANIMAL ID																	
Necrosis																		
Vacuolization																		
Cytoplasmic																		
Bile Duct, Hyperplasia																		
Centrilobular, Necrosis																		
Mesentery																		
Fat, Inflammation, Chronic																		
Fat, Necrosis																		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																		
Hypertrophy	1																	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Diverticulum																		
Ulcer	X																	
Epithelium, Hyperplasia																		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Atrophy Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	
Lymph Node Renal, Hyperplasia																	+		+							+	3	
Lymph Node, Bronchial Congestion	M	M	M	M	+	+	M	+	+	+	+	+	+	+	+	+	M	M	M	+	+	+	M	+	+	+	2	
Hematopoietic Cell Proliferation Hyperplasia																										2	2	3

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

† .. Tissue examined microscopically

x ... Lesion present

x .. Essien present
| .. Insufficient tissue

M Missing tissue

A - Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as

1-4: Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

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Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

Olfactory Epithelium, Atrophy
Olfactory Epithelium, Hyperplasia,

12.8 PPM

females (cont...)

- Olfactory Epithelium, Atrophy
- Olfactory Epithelium, Hyperplasia,
Adenomatous
- Olfactory Epithelium, Metaplasia
- Respiratory Epithelium, Degeneration,
Hyaline

Trachea

SPECIAL SENSES SYSTEM

Eye Inflammation

Harderian Gland

URINARY SYSTEM

Kidney
Hydronephrosis
Metaplasia, Osseous
Nephropathy
Pigmentation, Hemosiderin

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ALIMENTARY SYSTEM

Esophagus Epithelium, Hyperplasia	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	48	1	1.0	
Gallbladder Inflammation, Suppurative	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	44	1	2.0
Intestine Large, Cecum Lymphoid Tissue, Hyperplasia	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	45	1	1.0
Intestine Large, Colon Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	47	1	3.0
Intestine Large, Rectum	+	+	+	+	+	+	+	3	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	45		
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	45		
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	46		
Liver Angiectasis Eosinophilic Focus Hematopoietic Cell Proliferation Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	3	3.3
								X	X		X	X	X	X						4	2	X	12	
																				2		2	5	1.6
																				3			1	3.0

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

	DAY ON TEST	Data Rows																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 MICE FEMALE	7	5	5	6	3	7	6	7	7	7	7	7	7	6	7	4	6	5	6	7	6	7	6	3			
12.8 PPM	3	3	5	7	1	1	9	3	0	3	3	3	3	9	1	8	3	4	9	0	2	3	3	2			
	5	1	1	4	8	9	1	4	8	4	5	5	5	5	0	9	2	6	0	8	8	3	4	1	1		
Necrosis																											5 2.0
Vacuolization Cytoplasmic																											2 2.5
Bile Duct, Hyperplasia																											1 1.0
Centrilobular, Necrosis																											2 2.5
Mesentery		+				+		+																			14
Fat, Inflammation, Chronic																											1 2.0
Fat, Necrosis																											3 2.3
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Atrophy																											6 1.0
Hypertrophy																											3 1.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Inflammation																											1 4.0
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Diverticulum																											2
Ulcer																											2 2.0
Epithelium, Hyperplasia																											3 3.7
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	48	

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Cardiomyopathy		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2		1	1	1	1	1	1		35 1.0	
Atrium, Thrombosis																											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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ENDOCRINE SYSTEM

Adrenal Cortex Hypertrophy Capsule, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	48	2 1.5 1 2.0
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	48	2 2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	
Parathyroid Gland	+	+	M	M	+	M	M	+	+	+	M	+	+	+	M	M	+	+	+	M	+	M 35
Pituitary Gland Pars Distalis, Angiectasis Pars Distalis, Hyperplasia Pars Intermedia, Hyperplasia	+	+	+	+	+	+	+	+	+	+	1	1	1	1	1	1	1	1	1	A	48	1 1.0 8 2.1 1 1.0
Thyroid Gland Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	3	1	2	2	1	1	2	2	+	A	49	15 1.5

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

INTEGUMENTARY SYSTEM

Mammary Gland Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	1	1.0
.....																								
Skin Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	49	3	3.3

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

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

.. Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Nose + A 49 1 2.0
 Infiltration Cellular, Mast Cell 1 1.0
 Inflammation, Suppurative 1 2.0
 Glands, Olfactory Epithelium, 2
 Inflammation, Acute

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

+ .. Tissue examined microscopically

x .. Lesion present

X .. Eosin present
I .. Insufficient tissue

M Missing tissue

M .. Missing tissue
A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

+ .. Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

Eye Inflammation 1 1 4.0

.....

Harderian Gland + + + + 6

URINARY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

	DAY ON TEST																					
B6C3F1 MICE FEMALE 32 PPM	ANIMAL ID																				females (cont...)	
Mineralization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Necrosis	6	4	5	5	2	5	6	6	6	4	5	4	6	7	6	6	6	5	5	4	5	
Bile Duct, Hyperplasia	3	4	3	3	1	0	0	4	3	6	4	9	7	3	9	3	5	2	3	8	8	
Centrilobular, Degeneration	1	0	7	9	6	3	8	9	5	3	3	9	4	5	1	4	6	7	1	8	7	
Centrilobular, Necrosis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Mesentery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hemorrhage	2				2	2				1									1		3	
Fat, Necrosis	1																			2		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																				2		
Hypertrophy																					3	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ulcer																				1		1
Epithelium, Hyperplasia																				3	1	2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																				2		2

CARDIOVASCULAR 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 a

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

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First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ALIMENTARY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	A	+	+	49	3	2.0	
Lymph Node Hyperplasia Iliac, Hyperplasia		+																			+	3	5		1	3.0		1	2.0
Lymph Node, Bronchial Hematopoietic Cell Proliferation Hyperplasia	+	+	M	+	M	+	+	+	+	M	+	+	+	M	M	+	+	M	+	M	+	+	M	+	+	34	1	3.0	

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

† .. Tissue examined microscopically

x ... Lesion present

X .. Essien present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

.. Lesion qualified as:

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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Requested: 06/07/2007

Time Report Registered: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

SPECIAL SENSES SYSTEM

Harderian Gland + + 4

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	49	
Hydronephrosis											4	3										4 3.3	
Nephropathy	1				1	1	1	1	2	1	1											25 1.1	
Papilla, Necrosis												2										1 2.0	
Renal Tubule, Necrosis												3										4 2.8	
<hr/>																							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	A	+	46
Hemorrhage																2							1 2.0

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. 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

TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Reqstd: 06/07/2007

Time Report Reqstd: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

B6C3F1 MICE FEMALE 80 PPM	ANIMAL ID	DAY ON TEST																				females (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	5	6	5	4	7	6	6	5	5	2	6	6	5	5	4	5	6	7	7	4
		6	7	0	7	5	3	5	5	2	6	5	2	1	8	3	6	2	3	3	3	4
		7	9	7	6	3	4	2	9	3	5	2	4	0	2	1	3	4	1	5	5	3
Hyperplasia, Lymphoid																						
Mineralization																						
Necrosis																						
Regeneration																						
Vacuolization Cytoplasmic																						
Bile Duct, Cyst																						
Bile Duct, Hyperplasia																						
Centrilobular, Degeneration																						
Centrilobular, Necrosis																						
Mesentery	+	+		+	+		+	+		+		+		+	+	+	+	+	+	+	+	
Angiectasis																						
Fat, Necrosis	2	2		4	3					2					3	3	2					
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																						
Atrophy																						
Hyperplasia																						
Hypertrophy																						
Duct, Cyst																						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																						
Inflammation, Suppurative																						
Ulcer																						
Epithelium, Hyperplasia	2		2	2						2	3				3	2	2	4	2	2	4	2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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TDMS No. 05136 - 08

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHLOROPRENE

CAS Number: 126-99-8

Date Report Registered: 06/07/2007

Time Report Requested: 11:44:08

First Dose M/F: 09/13/90 / 09/13/90

Lab: BNW

Degeneration, Hyaline
Inflammation, Suppurative
Epithelium, Hyperplasia

?

females (cont...)

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Parathyroid Gland + M + M + + + M M + + + + + + + + + + + M + M + + + +

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HEMATOPOIETIC SYSTEM

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ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	A	+	+	M	+
Inflammation, Suppurative																	1			2	1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hemorrhage																					1 3.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Necrosis																					1 2.0
Epithelium, Hyperplasia																					1 2.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	49
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis																					1 4.0
Basophilic Focus																					2
Eosinophilic Focus	X	X		4		X	X		X		X							X	X	X	28 4.0
Hematopoietic Cell Proliferation	1	2	3	1							1								2		12 1.5

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	DAY ON TEST	0 5 3 1	0 6 3 2	0 5 7 3	0 6 3 1	0 6 3 5	0 3 3 1	0 4 8 3	0 6 2 2	0 0 2 9	0 6 4 3	0 4 6 8	0 6 6 2	0 6 6 3	0 5 5 7	0 6 6 3	0 5 5 9	0 6 5 4	0 6 4 2	0 5 6 1
B6C3F1 MICE FEMALE		0 0 0 0																		
80 PPM	ANIMAL ID	7 2 6	7 2 7	7 2 8	7 2 9	7 3 0	7 3 1	7 3 2	7 3 3	7 3 4	7 3 5	7 3 6	7 3 7	7 3 8	7 3 9	7 4 0	7 4 1	7 4 2	7 4 3	* TOTALS
Degeneration, Hyaline																				1 1.0
Inflammation, Suppurative		1																		4 1.5
Epithelium, Hyperplasia		1																		1 1.0

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1	1	1	1	1	1	2														33 1.1
Artery, Inflammation																					1 2.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hematopoietic Cell Proliferation																				1 1.0
Hypertrophy																				2 1.5
Necrosis																				1 4.0
4																				
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																				1 1.0
Necrosis																				1 3.0
3																				
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																				1 1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	M	M	+	+	+	M	M	+	+	M	+	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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Lab: BNW

HEMATOPOIETIC SYSTEM

Bone Marrow Angiectasis Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
	2	2								2												1 2.0	
Lymph Node Iliac, Hyperplasia																						2	1 4.0
Lymph Node, Bronchial Hyperplasia	M	+	+	+	+	M	+	+	+	M	+	+	M	M	M	+	+	+	+	+	+	38	
																					2	3 2.0	
Lymph Node, Mandibular Hematopoietic Cell Proliferation Hyperplasia	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	M	M	+	M	+	40
										2												1 2.0	
																						4 3.3	
Lymph Node, Mediastinal Hyperplasia	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	+	+	M	M	+	M	+	40
																					2	7 2.3	
Lymph Node, Mesenteric Congestion	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46	
Hematopoietic Cell Proliferation																						1 2.0	
Hemorrhage										2												1 4.0	
Hyperplasia																						1 3.0	
Inflammation, Chronic										4												2 3.0	
Spleen Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
	3	4	4	3	3	3	2	2	2	1	2	2	2	2	4	3	2	2	3	4	4	39 2.9	

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SPECIAL SENSES SYSTEM

Ear				1
Harderian Gland	+	+	+	9
Zymbal's Gland			+	3

URINARY SYSTEM

*** END OF REPORT ***

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