

Experiment Number: 95003 - 04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

NTP Study Number: C95003
Lock Date: 01/08/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
VEHICLE CONTROL	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	
		2	2	2	2	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	I	+	+	+	+	M	+	+	+	8
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+		+	+	+	9
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Tongue	+	+	+	+	+	+	+	+	+	+	10

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

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1) Minimal 3) Moderate
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Lab: MBA

B6C3F1 MICE MALE VEHICLE CONTROL	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	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	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											
Blood Vessel		+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	+	+	+	M	+	+	+	9
Pituitary Gland		+	+	+	+	+	+	M	+	I	8
Thyroid Gland		+	+	+	+	+	+	+	+	+	10
Ectopic Thymus										1	1 1.0
GENERAL BODY SYSTEM											
NONE											
GENITAL SYSTEM											
Epididymis		+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	10

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B6C3F1 MICE MALE	DAY ON TEST										VEHICLE CONTROL	ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0				
	9	9	9	9	9	9	9	9	9	9				
	2	2	2	2	2	2	2	2	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	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	1				
	1	2	3	4	5	6	7	8	9	0				* TOTALS
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+				10
Testes	+	+	+	+	+	+	+	+	+	+				10
HEMATOPOIETIC SYSTEM														
Bone Marrow	+	+	+	+	+	+	+	+	+	+				10
Lymph Node, Mandibular	+	+	+	+	M	+	+	+	+	+				9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+				10
Spleen	+	+	+	+	+	+	+	+	+	+				10
Hematopoietic Cell Proliferation		1	1		1		1	1		1				6 1.0
Thymus	+	+	+	+	+	+	+	+	+	+				10
INTEGUMENTARY SYSTEM														
Mammary Gland	M	M	M	M	M	M	M	M	M	M				0
Skin	+	+	+	+	+	+	+	+	+	+				10
MUSCULOSKELETAL SYSTEM														
Bone	+	+	+	+	+	+	+	+	+	+				10
NERVOUS SYSTEM														
Brain	+	+	+	+	+	+	+	+	+	+				10

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
VEHICLE CONTROL	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	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	M	+	+	+	+	I	8

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	2	
87.5 MG/KG	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	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

ALIMENTARY SYSTEM

Stomach, Glandular

+ + + + + + + + + +

10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

Skin	+	+	+	+	+	+	+	+	+	+
Hair Follicle, Site Of Application, Hyperplasia	1	2	1		2	1	1	1	1	2
Sebaceous Gland, Site Of Application, Hypertrophy					1	1	1		1	1
Site Of Application, Hyperkeratosis	2	1	1	1	1		1	1	1	1

10

9 1.3
5 1.0
9 1.1

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First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 87.5 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	
		* TOTALS										
Site Of Application, Inflammation, Chronic Active		3	2	2	2	2	1	2	2	2	2	10 2.0
Site Of Application, Ulcer		X										1
Site Of Application - Epidermis, Hyperplasia		3	1	1	2	2	1	1	2	2	2	10 1.7

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Nose + + + + + + + + + +

10

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + + +

10

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+ .. Tissue examined microscopically M .. Missing tissue
X .. Lesion present A .. Autolysis precludes evaluation
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1-4 .. Lesion qualified as:
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First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 175 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		2	2	2	2	2	2	2	2	3	
		1	2	3	4	5	6	7	8	9	0
		* TOTALS									

ALIMENTARY SYSTEM

Stomach, Glandular

+ + + + + + + + + +

10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

Skin	+	+	+	+	+	+	+	+	+	+
Hair Follicle, Site Of Application, Hyperplasia	2	3	1	3		1	1	2	1	1
Sebaceous Gland, Site Of Application, Hypertrophy	2	3		3	1	2	2	1	2	2
Site Of Application, Hyperkeratosis	1	1		1				1		

10

9 1.7
9 2.0
4 1.0

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Lab: MBA

B6C3F1 MICE MALE 175 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		2	2	2	2	2	2	2	2	3	
		1	2	3	4	5	6	7	8	9	0
											* TOTALS
Site Of Application, Inflammation, Chronic Active	2	1	1	2	1	1	3	2	1	9 1.6	
Site Of Application - Epidermis, Hyperplasia	2	1	2	1			1	2	1	7 1.4	

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Nose + + + + + + + + + +

10

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney + + + + + + + + + +

10

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Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
350 MG/KG		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Tongue	+	+	+	+	+	+	+	+	+	+	10

CARDIOVASCULAR SYSTEM

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
350 MG/KG		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

Blood Vessel + + + + + + + + + + 10

Heart + + + + + + + + + + 10

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + 10

Adrenal Medulla + + + + + + + + + + 10

Islets, Pancreatic + + + + + + + + + + 10

Parathyroid Gland + + + M + + + + + M 8

Pituitary Gland + + + + + + + + + + 10

Thyroid Gland + + + + + + + + + + 10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + + + + + + + + + + 10

Preputial Gland + + + + + + + + + + 10

Prostate + + + + + + + + + + 10

Seminal Vesicle + + + + + + + + + + 10

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B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
350 MG/KG		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

Testes	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation		1		1	1			1			4 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
Atrophy		1	1	1				1			4 1.0

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
Hair Follicle, Site Of Application, Hyperplasia	2	2	3	2	2	1	2	3	2	3	10 2.2
Sebaceous Gland, Site Of Application, Hypertrophy	3	3	3	3	3	1	3	3	3	3	10 2.8
Site Of Application, Hyperkeratosis	1		1	1	1		1	1	1	1	8 1.0
Site Of Application, Inflammation, Chronic Active	1	1	1	1	1		1	1	1	1	9 1.0
Site Of Application - Epidermis, Hyperplasia	1	1	3	3	3		2	3	3	3	9 2.4

MUSCULOSKELETAL 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 350 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		9	9	9	9	9	9	9	9	9		
		2	2	2	2	2	2	2	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		
		3	3	3	3	3	3	3	3	4		
		1	2	3	4	5	6	7	8	9	0	
		* TOTALS										
Bone		+	+	+	+	+	+	+	+	+	10	
NERVOUS SYSTEM												
Brain		+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM												
Lung		+	+	+	+	+	+	+	+	+	10	
Nose		+	+	+	+	+	+	+	+	+	10	
Olfactory Epithelium, Atrophy			1				1		1		3 1.0	
Trachea		+	+	+	+	+	+	+	+	+	10	
SPECIAL SENSES SYSTEM												
Eye		+	+	+	+	+	+	+	+	+	10	
Harderian Gland		+	+	+	+	+	+	+	+	+	10	
URINARY SYSTEM												
Kidney		+	+	+	+	+	+	+	+	+	10	
Urinary Bladder		+	+	+	+	+	+	+	+	+	10	

* .. 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

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Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 700 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	* TOTALS
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	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	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	
		1	2	3	4	5	6	7	8	9	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Tongue	+	+	+	+	+	+	+	+	+	+	10

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

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 700 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	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	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

Testes	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1		1	9 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
Hair Follicle, Site Of Application, Hyperplasia	1	1	1	1	1	2	2	2	2	2	10 1.5
Sebaceous Gland, Site Of Application, Hypertrophy	1	1	1	2	1	2	2	2	2	2	10 1.6
Site Of Application, Hyperkeratosis	2	2	2	2	2	2	2	2	2	2	10 2.0
Site Of Application, Inflammation, Chronic Active	4	4	4	3	4	4	4	4	4	4	10 3.9
Site Of Application, Necrosis	4	4	4	2	4	3	4	4	4	4	10 3.7
Site Of Application, Ulcer				X							1
Site Of Application - Epidermis, Hyperplasia	4	4	4	4	4	4	4	4	4	4	10 4.0

MUSCULOSKELETAL 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 700 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
		0	0	0	0	0	0	0	0	0	0			
		2	2	2	2	2	2	2	2	2	2			
		1	1	1	1	1	1	1	1	1	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			
		4	4	4	4	4	4	4	4	4	5			
		1	2	3	4	5	6	7	8	9	0			
													* TOTALS	
Bone		+	+	+	+	+	+	+	+	+	+			10
NERVOUS SYSTEM														
Brain		+	+	+	+	+	+	+	+	+	+			10
RESPIRATORY SYSTEM														
Lung		+	+	+	+	+	+	+	+	+	+			10
Nose		+	+	+	+	+	+	+	+	+	+			10
Olfactory Epithelium, Atrophy			1	1	1	1		1	1	1	1		8	1.0
Trachea		+	+	+	+	+	+	+	+	+	+			10
SPECIAL SENSES SYSTEM														
Eye		+	+	+	+	+	+	+	+	+	+			10
Harderian Gland		+	+	+	+	+	+	+	+	+	+			10
URINARY SYSTEM														
Kidney		+	+	+	+	+	+	+	+	+	+			10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+			10

* .. 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: 95003 - 04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 08/31/2016
 Time Report Requested: 14:51:25
 First Dose M/F: 12/13/01 / 12/14/01
 Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
1400 MG/KG		2	2	2	2	2	2	2	2	0	
		1	1	1	1	1	1	1	1	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	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	A	9
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	9
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	A	9
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	9
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	A	8
Intestine Small, Jejunum	+	+	+	+	+	+	A	+	+	A	8
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	A	9
Stomach, Glandular	+	+	+	+	+	+	+	+	+	A	9
Tongue	+	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 1400 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	0
		1	1	1	1	1	1	1	1	1	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	0	
		5	5	5	5	5	5	5	5	5	6
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

Blood Vessel + + + + + + + + + + **10**

Heart + + + + + + + + + + **10**

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + **10**
 Accessory Adrenal Cortical Nodule 1 **1 1.0**

Adrenal Medulla + + + + + + + + + + **10**

Islets, Pancreatic + + + + + + + + + + **10**

Parathyroid Gland + M + M M + + + + + **7**

Pituitary Gland I + I I + + + + + + **7**

Thyroid Gland + + + + + + + + + + **10**
 Ectopic Thymus 1 **1 1.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + + + + + + + + + + **10**

Preputial Gland + + + + + + + + + A **9**

Prostate + + + + + + + + + + **10**

* .. 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 1400 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	0	
		1	1	1	1	1	1	1	1	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	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

Seminal Vesicle	+	+	+	+	+	+	+	+	+	A	9
Testes	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	A	9
Hematopoietic Cell Proliferation	2	1	2		2	1			1		6 1.5
Thymus	+	+	+	+	+	+	+	+	+	A	9

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10
Hair Follicle, Site Of Application, Hyperplasia	3	1		1	1	1	1	2	1	1	9 1.3
Sebaceous Gland, Site Of Application, Hypertrophy	1		1	1		1	1	2	1	1	8 1.1
Site Of Application, Hyperkeratosis	2	2	2	2	2	1	1	1	2	2	10 1.7
Site Of Application, Inflammation, Chronic Active	4	4	4	4	4	4	4	3	4	2	10 3.7
Site Of Application, Necrosis			4	4	4	4	4		4		6 4.0
Site Of Application, Ulcer	X	X						X			3
Site Of Application - Epidermis, Hyperplasia	4	4	4	3	4	4	3	4	4	2	10 3.6

* .. 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
1400 MG/KG		2	2	2	2	2	2	2	2	0	
	ANIMAL ID	1	1	1	1	1	1	1	1	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	0	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle											1
Necrosis, Focal											1 4.0

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	-----------

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage, Focal											1 3.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Atrophy	1	2	1	1	2	1	1	2	2	2	10 1.5
Trachea	+	+	+	+	+	+	+	+	+	+	10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	A	9
--------	---	---	---	---	---	---	---	---	---	---	----------

* .. 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
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Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE MALE 1400 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	0	
		1	1	1	1	1	1	1	1	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	
		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	
											* TOTALS
Urinary Bladder		+	+	+	+	+	+	+	+	A	9

*** END OF MALE DATA ***

* .. 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: 95003 - 04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2	2
VEHICLE CONTROL	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
	6	6	6	6	6	6	6	6	6	7	7
	1	2	3	4	5	6	7	8	9	0	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	M	+	+	+	+	I	+	I	7
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Tongue	+	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST										VEHICLE CONTROL
	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 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	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	

*** TOTALS**

Blood Vessel + + + + + + + + + + **10**

Heart + + + + + + + + + + **10**

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + **10**

Subcapsular, Hyperplasia, Focal 1 1 1 1 1 1 1 1 1 1 **10 1.0**

Adrenal Medulla + + + + + + + + + + **10**

Islets, Pancreatic + + + + + + + + + + **10**

Parathyroid Gland + M + + M + + + + + **8**

Pituitary Gland + I I + + + + + + + + **8**

Thyroid Gland + + + + + + + + + + **10**

Ectopic Thymus 1 1 **2 1.0**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland + + + + + + + + + + **10**

Ovary + + + + + + + + + + **10**

Uterus + + + + + + + + + + **10**

* .. 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

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Experiment Number: 95003 - 04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016
 Time Report Requested: 14:51:25
 First Dose M/F: 12/13/01 / 12/14/01
 Lab: MBA

B6C3F1 MICE FEMALE VEHICLE CONTROL	DAY ON TEST										* TOTALS
	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 2	0 9 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	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
Endometrium, Hyperplasia, Cystic	1	2	1	1	1	1	1	1	2	1	10 1.2
HEMATOPOIETIC SYSTEM											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1	1		1		1			1	6 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											
Mammary Gland	+	I	+	+	+	+	+	+	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Lung	+	+	+	+	+	+	+	+	+	+	10

* .. 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

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST										VEHICLE CONTROL	ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0		0		
	9	9	9	9	9	9	9	9	9	9		0		
	2	2	2	2	2	2	2	2	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	0		0		
	6	6	6	6	6	6	6	6	6	7		6		
	1	2	3	4	5	6	7	8	9	0		1		
													* TOTALS	
Bronchiole, Inflammation, Focal, Acute											1		1	1.0
Nose	+	+	+	+	+	+	+	+	+	+			10	
Trachea	+	+	+	+	+	+	+	+	+	+			10	
SPECIAL SENSES SYSTEM														
Eye	+	+	+	+	+	+	+	+	+	+			10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+			10	
URINARY SYSTEM														
Kidney	+	+	+	+	+	+	+	+	+	+			10	
Urinary Bladder	M	+	+	+	+	+	+	+	+	+			9	

* .. 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:

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Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 87.5 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		7	7	7	7	7	7	7	7	8	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

ALIMENTARY SYSTEM

Stomach, Glandular

+ + + + + + + + + +

10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex

+ + + + + + + + + +

10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Uterus

+ + + | + + + + +

9

Endometrium, Hyperplasia, Cystic

1 2 1 1 2 2 1 1 1

9 1.3

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

Skin

+ + + + + + + + + +

10

Hair Follicle, Site Of Application, Hyperplasia

1 1 1

3 1.0

Sebaceous Gland, Site Of Application, Hypertrophy

1 1 1

5 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	9	9	9	9	9	9	9	9	9	9			
B6C3F1 MICE FEMALE	2	2	2	2	2	2	2	2	2	2			
87.5 MG/KG	0	0	0	0	0	0	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	8			
	1	2	3	4	5	6	7	8	9	0			
	* TOTALS												
Site Of Application, Inflammation, Chronic Active	2	3	2	1	2	2	2	2	3	1			10 2.0
Site Of Application - Epidermis, Hyperplasia	1	1	1		1	1	1		1				7 1.0

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Nose	+	+	+	+	+	+	+	+	+	+			10
------	---	---	---	---	---	---	---	---	---	---	--	--	-----------

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+			10
--------	---	---	---	---	---	---	---	---	---	---	--	--	-----------

* .. 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 175 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

ALIMENTARY SYSTEM

Stomach, Glandular

+ + + + + + + + + +

10

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

Adrenal Cortex

+ + + + + + + + + +

10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Uterus

+ + + + + + + + + +

10

Endometrium, Hyperplasia, Cystic

1 1 1 1 1 1 2 1 2 1

10 1.2

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

Skin

+ + + + + + + + + +

10

Hair Follicle, Site Of Application, Hyperplasia

1 2 1 1

4 1.3

Sebaceous Gland, Site Of Application, Hypertrophy

2 1 2 1 1 2 1 1

8 1.4

Site Of Application, Hyperkeratosis

1 1

2 1.0

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 175 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	
											* TOTALS
Site Of Application, Inflammation, Chronic Active	2	1	1				1	2	1	6 1.3	
Site Of Application - Epidermis, Hyperplasia	1					1		2	2	4 1.5	

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Nose	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	-----------

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular							1				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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 350 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	10
Tongue	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 95003 - 04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 350 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	1	
		9	9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	0	
* TOTALS												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Subcapsular, Hyperplasia, Focal		1	1	1	1	1	1	1	1	1	1	10 1.0
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	M	+	M	M	M	M	+	+	5
Pituitary Gland		+	+	+	+	+	+	+	+	I	+	9
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTEM												
NONE												
GENITAL SYSTEM												
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Endometrium, Hyperplasia, Cystic		1	1	1	1	1	1	1	1	1	1	10 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 350 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	

* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	2	1	2		1		1			6 1.3
Thymus	+	+	+	+	+	+	+	+	+	10	
Atrophy					1		1				2 1.0
Atrophy, Focal			2								1 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	10	
Skin	+	+	+	+	+	+	+	+	+	10	
Hair Follicle, Site Of Application, Hyperplasia	3	3	3	3	1	4	3	3	2		10 2.7
Sebaceous Gland, Site Of Application, Hypertrophy	3	2	3	2	3	3	3	3	3		10 2.8
Site Of Application, Hyperkeratosis	1	1	1		1	1	1	1	2		9 1.2
Site Of Application, Inflammation, Chronic Active	1	1	1	1	1	1	1	1	1		10 1.0
Site Of Application - Epidermis, Hyperplasia	3	3	3	1	2	2	2	2	2		10 2.2

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	10	
------	---	---	---	---	---	---	---	---	---	----	--

* .. 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: 95003 - 04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 08/31/2016
 Time Report Requested: 14:51:25
 First Dose M/F: 12/13/01 / 12/14/01
 Lab: MBA

B6C3F1 MICE FEMALE 350 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		2	2	2	2	2	2	2	2	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	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	
											* TOTALS

NERVOUS SYSTEM

Brain + + + + + + + + + + **10**

RESPIRATORY SYSTEM

Lung + + + + + + + + + + **10**
 Alveolus, Inflammation, Focal, Chronic Active 2 **1 2.0**

Nose + + + + + + + + + + **10**
 Olfactory Epithelium, Atrophy 1 1 1 1 **4 1.0**

Trachea + + + + + + + + + + **10**

SPECIAL SENSES SYSTEM

Eye + + + + + + + + + + **10**

Harderian Gland + + + + + + + + + + **10**

URINARY SYSTEM

Kidney + + + + + + + + + + **10**

Urinary Bladder + + + + + + + + + + **10**

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
 I .. Insufficient tissue BLANK .. Not examined microscopically

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
700 MG/KG	ANIMAL ID	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	
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Tongue	+	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE 700 MG/KG	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	
	2	2	2	2	2	2	2	2	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	
	1	1	1	1	1	1	1	1	1	1	0	
	0	0	0	0	0	0	0	0	0	1	0	
	1	2	3	4	5	6	7	8	9	0		* TOTALS

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Subcapsular, Hyperplasia, Focal		1	1		1	1	1	1	1	1	8 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	M	M	+	M	M	I	+	M	+	3
Pituitary Gland	+	+	+	I	+	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	M	+	+	+	+	9
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Endometrium, Hyperplasia, Cystic		1		1		1	1	1	1	1	7 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

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
700 MG/KG	ANIMAL ID	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	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation		1		1			1	1	1	1	6 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
Hair Follicle, Site Of Application, Hyperplasia	1	1	1	2	2	1	2	3	2	3	10 1.8
Sebaceous Gland, Site Of Application, Hypertrophy	1	2	1	2	2	1	1	2	2	2	10 1.6
Site Of Application, Hyperkeratosis	2	2	2	2	2	2	2	2	2	2	10 2.0
Site Of Application, Inflammation, Chronic Active	4	4	4	4	4	4	4	3	4	3	10 3.8
Site Of Application, Necrosis	4	4	3	4	4	4		1	4	2	9 3.3
Site Of Application, Ulcer							X				1
Site Of Application - Epidermis, Hyperplasia	4	4	4	4	4	4	4	4	4	4	10 4.0

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	10
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* .. 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	0	
700 MG/KG	ANIMAL ID	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	
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
										* TOTALS	

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
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RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Atrophy	2	1	1	1	1	1		1	1	1	9 1.1
Trachea	+	+	+	+	+	+	+	+	+	+	10

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

* .. 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	0	2	2	2	2	
		0	0	0	0	5	0	0	0	0	
1400 MG/KG	ANIMAL ID	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	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	A	M	M	+	+	+	7
Intestine Large, Cecum	+	+	+	+	A	+	+	+	+	+	9
Intestine Large, Colon	+	+	+	+	A	+	+	+	+	+	9
Intestine Large, Rectum	+	+	+	+	A	+	+	+	+	+	9
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	9
Intestine Small, Ileum	+	+	+	+	A	+	+	+	A	+	8
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	+	9
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	A	+	+	+	A	+	8
Stomach, Glandular	+	+	+	+	A	+	+	+	A	+	8
Tongue	+	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	0	2	2	2	2	
		0	0	0	0	5	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
1400 MG/KG	ANIMAL ID	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	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Subcapsular, Hyperplasia, Focal	1		1	1			1	1	1	1	7 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	M	+	M	M	M	+	M	+	4
Pituitary Gland	I	+	+	+	+	+	M	+	+	+	8
Thyroid Gland	+	+	+	+	I	+	+	+	I	+	8

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	M	M	+	A	M	+	+	A	+	5
Ovary	+	+	+	+	A	+	+	+	+	+	9
Uterus	+	+	+	+	A	+	+	+	+	+	9
Endometrium, Hyperplasia, Cystic				1		1					2 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: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	1400 MG/KG	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	0	0	0
		2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	5	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	0	0	0	0	0	0	0	
	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	1	1	1	2	2	2	
	1	2	3	4	5	6	7	8	9	0									
* TOTALS																			

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	A	+	+	+	+	+									9
Lymph Node, Mandibular	+	+	+	+	A	+	+	+	+	+									9
Lymph Node, Mesenteric	+	+	M	+	M	+	+	+	+	+									8
Spleen	+	+	+	+	A	+	+	+	+	+									9
Hematopoietic Cell Proliferation			1	1				1					1						4 1.0
Thymus	+	+	+	+	A	+	+	+	+	+									9

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+									10
Skin	+	+	+	+	+	+	+	+	+	+									10
Hair Follicle, Site Of Application, Hyperplasia			3	3	2			3	3	3	3	3							8 2.9
Sebaceous Gland, Site Of Application, Hypertrophy	2	2	2	2				2	2	2	2	2							9 2.0
Site Of Application, Hyperkeratosis	1	2	2	2	1	2	2	2	2	2									10 1.8
Site Of Application, Inflammation, Chronic Active	4	1	1	4	1	4	4	4	4	3	4								10 3.0
Site Of Application, Necrosis	4				4			4	3	4									6 3.5
Site Of Application - Epidermis, Hyperplasia	4	3	3	4	1	4	4	4	4	4									10 3.5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+									10
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* .. 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:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 95003 - 04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 14:51:25

First Dose M/F: 12/13/01 / 12/14/01

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	0	2	2	2	2	
		0	0	0	0	5	0	0	0	0	
1400 MG/KG	ANIMAL ID	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	
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

NERVOUS SYSTEM

Brain	+	+	+	+	A	+	+	+	+	+	9
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RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolus, Inflammation, Focal, Chronic Active										1	1 1.0

Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Atrophy		1				2	1	2	2	2	6 1.7
Olfactory Epithelium, Degeneration, Focal					2						1 2.0

Trachea	+	+	+	+	+	M	M	+	+	+	8
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SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	10
-----	---	---	---	---	---	---	---	---	---	---	-----------

Harderian Gland	+	+	+	+	A	+	+	+	+	+	9
-----------------	---	---	---	---	---	---	---	---	---	---	----------

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

Urinary Bladder	+	+	+	+	A	+	+	+	+	+	9
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*** END OF REPORT ***

* .. 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