

Experiment Number: 95003 - 01

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH  
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 08/30/2016

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

**NTP Study Number:** C95003B  
**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

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Scheduled Sacrifice						
Early Deaths						
Accidentally Killed						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Hepatodiaphragmatic Nodule	1					
Vacuolization Cytoplasmic	1 [1.0]					1 [1.0]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Tongue	(10)	(0)	(0)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	5 [1.4]					6 [1.0]

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Capsule, Thrombosis						1 [1.0]
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(7)	(0)	(0)	(0)	(0)	(9)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst						1 [2.0]
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Aspermia						1 [4.0]
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte, Focal						1 [1.0]
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
Germinal Epithelium, Atrophy						1 [4.0]
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(0)	(0)	(3)	(1)	(0)	(0)
Hyperplasia, Lymphoid			1 [2.0]			
Mediastinal, Congestion			1 [1.0]	1 [2.0]		
Mediastinal, Hyperplasia, Lymphoid			2 [3.0]	1 [3.0]		
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Lab: MBA

FISCHER 344 RATS MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy						1 [1.0]
Necrosis	2 [1.0]					
<b>INTEGUMENTARY SYSTEM</b>						
Skin	(10)	(0)	(0)	(0)	(0)	(10)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Bronchiole, Infiltration Cellular, Lymphocyte, Focal	1 [1.0]					
Perivascular, Infiltration Cellular, Lymphocyte, Focal	2 [1.0]					
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Goblet Cell, Respiratory Epithelium, Hyperplasia		4 [1.0]	3 [1.0]	4 [1.3]	3 [1.0]	9 [1.3]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Species/Strain: RATS/F 344/N

Lab: MBA

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FISCHER 344 RATS MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
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URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Nephropathy	6 [1.0]	8 [1.0]	8 [1.0]	9 [1.0]	10 [1.0]	10 [1.6]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS MALE	CONTROL SPECIAL	0.025% SPECIAL	0.05% SPECIAL	0.1% SPECIAL	0.2% SPECIAL	0.4% SPECIAL
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Scheduled Sacrifice	10	8	10	9	10	10
Early Deaths						
Accidentally Killed		2		1		
Survivors						
Terminal Sacrifice						
Animals Examined Microscopically						

## ALIMENTARY SYSTEM

Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Rectum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(0)	(0)	(0)	(0)	(0)	(0)
Hepatodiaphragmatic Nodule						
Vacuolization Cytoplasmic						
Pancreas	(0)	(0)	(0)	(0)	(0)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(0)
Tongue	(0)	(0)	(0)	(0)	(0)	(0)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(0)	(0)	(0)	(0)	(0)	(0)
Heart	(0)	(0)	(0)	(0)	(0)	(0)
Cardiomyopathy						

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Lab: MBA

FISCHER 344 RATS MALE	CONTROL SPECIAL	0.025% SPECIAL	0.05% SPECIAL	0.1% SPECIAL	0.2% SPECIAL	0.4% SPECIAL
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(0)
Capsule, Thrombosis						
Adrenal Medulla	(0)	(0)	(0)	(0)	(0)	(0)
Islets, Pancreatic	(0)	(0)	(0)	(0)	(0)	(0)
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
Pituitary Gland	(0)	(0)	(0)	(0)	(0)	(0)
Cyst						
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Epididymis	(0)	(0)	(0)	(0)	(0)	(0)
Aspermia						
Preputial Gland	(0)	(0)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte, Focal						
Prostate	(0)	(0)	(0)	(0)	(0)	(0)
Seminal Vesicle	(0)	(0)	(0)	(0)	(0)	(0)
Testes	(0)	(0)	(0)	(0)	(0)	(0)
Germinal Epithelium, Atrophy						
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(0)	(0)	(0)	(0)	(0)	(0)
Lymph Node	(0)	(0)	(0)	(0)	(0)	(0)
Hyperplasia, Lymphoid						
Mediastinal, Congestion						
Mediastinal, Hyperplasia, Lymphoid						
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

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Lab: MBA

FISCHER 344 RATS MALE	CONTROL SPECIAL	0.025% SPECIAL	0.05% SPECIAL	0.1% SPECIAL	0.2% SPECIAL	0.4% SPECIAL
Spleen	(0)	(0)	(0)	(0)	(0)	(0)
Thymus	(0)	(0)	(0)	(0)	(0)	(0)
Atrophy						
Necrosis						
<b>INTEGUMENTARY SYSTEM</b>						
Skin	(0)	(0)	(0)	(0)	(0)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
<b>NERVOUS SYSTEM</b>						
Brain	(0)	(0)	(0)	(0)	(0)	(0)
<b>RESPIRATORY SYSTEM</b>						
Lung	(0)	(0)	(0)	(0)	(0)	(0)
Bronchiole, Infiltration Cellular, Lymphocyte, Focal						
Perivascular, Infiltration Cellular, Lymphocyte, Focal						
Nose	(0)	(0)	(0)	(0)	(0)	(0)
Goblet Cell, Respiratory Epithelium, Hyperplasia						
Trachea	(0)	(0)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(0)	(0)	(0)	(0)	(0)	(0)
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)



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Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

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<b>FISCHER 344 RATS MALE</b>	<b>CONTROL SPECIAL</b>	<b>0.025% SPECIAL</b>	<b>0.05% SPECIAL</b>	<b>0.1% SPECIAL</b>	<b>0.2% SPECIAL</b>	<b>0.4% SPECIAL</b>
<hr/>						
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(0)
Nephropathy						
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)

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\*\*\* END OF MALE \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: 90-DAY

Methyl trans-styryl ketone

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Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Scheduled Sacrifice						
Early Deaths						
Accidentally Killed						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(1)	(10)
Hepatodiaphragmatic Nodule					1 [2.0]	
Infiltration Cellular, Mononuclear Cell	2 [1.0]					
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 [1.0]					
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Tongue	(10)	(0)	(0)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	1 [1.0]					

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<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(9)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(8)	(0)	(0)	(0)	(0)	(4)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ectopic Thymus	1 [1.0]					
<b>GENERAL BODY SYSTEM</b>						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(1)
Abdominal, Fat, Necrosis, Focal						1 [1.0]
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ovary	(10)	(1)	(2)	(1)	(2)	(10)
Cyst			1 [2.0]	1 [2.0]	1 [2.0]	
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Hydrometra	1 [2.0]					3 [1.7]
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(1)	(2)	(2)	(2)	(3)	(2)
Mediastinal, Congestion	1 [2.0]	2 [1.5]	2 [1.5]	1 [2.0]	3 [1.7]	
Mediastinal, Hyperplasia						1 [1.0]
Mediastinal, Hyperplasia, Lymphoid	1 [2.0]	2 [2.0]	2 [1.5]	2 [2.0]	3 [2.3]	
Lymph Node, Mandibular	(2)	(0)	(0)	(0)	(0)	(0)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Necrosis, Lymphoid						1 [1.0]
Spleen	(10)	(0)	(0)	(0)	(0)	(10)

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Necrosis, Lymphoid						2 [1.0]
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	4 [1.0]					4 [1.0]
Necrosis	6 [1.0]					6 [1.0]
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Hemorrhage, Focal	1 [1.0]					
Inflammation, Chronic						1 [1.0]
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Goblet Cell, Respiratory Epithelium, Hyperplasia	3 [1.0]		3 [1.0]	3 [1.0]	3 [1.0]	7 [1.0]
Respiratory Epithelium, Inflammation, Acute					1 [1.0]	
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
<hr/>						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Congestion						1 [2.0]
Nephropathy	1 [1.0]					
Renal Tubule, Necrosis	3 [1.0]	2 [2.0]	2 [1.5]	2 [1.0]	1 [2.0]	3 [1.7]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS FEMALE

CONTROL SPECIAL

0.025% SPECIAL

0.05% SPECIAL

0.1% SPECIAL

0.2% SPECIAL

0.4% SPECIAL

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>Scheduled Sacrifice</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>
<b>Early Deaths</b>						
<b>Accidentally Killed</b>						<b>1</b>
<b>Survivors</b>						
<b>Terminal Sacrifice</b>						
<b>Animals Examined Microscopically</b>						

## ALIMENTARY SYSTEM

Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Rectum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(0)	(0)	(0)	(0)	(0)	(0)
Hepatodiaphragmatic Nodule						
Infiltration Cellular, Mononuclear Cell						
Pancreas	(0)	(0)	(0)	(0)	(0)	(0)
Atrophy						
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(0)
Tongue	(0)	(0)	(0)	(0)	(0)	(0)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(0)	(0)	(0)	(0)	(0)	(0)
Heart	(0)	(0)	(0)	(0)	(0)	(0)
Cardiomyopathy						

a - Number of animals examined microscopically at site and number of animals with lesion

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Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS FEMALE	CONTROL SPECIAL	0.025% SPECIAL	0.05% SPECIAL	0.1% SPECIAL	0.2% SPECIAL	0.4% SPECIAL
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(0)
Adrenal Medulla	(0)	(0)	(0)	(0)	(0)	(0)
Islets, Pancreatic	(0)	(0)	(0)	(0)	(0)	(0)
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
Pituitary Gland	(0)	(0)	(0)	(0)	(0)	(0)
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
Ectopic Thymus						
<b>GENERAL BODY SYSTEM</b>						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
Abdominal, Fat, Necrosis, Focal						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(0)	(0)	(0)	(0)	(0)	(0)
Ovary	(0)	(0)	(0)	(0)	(0)	(0)
Cyst						
Uterus	(0)	(0)	(0)	(0)	(0)	(0)
Hydrometra						
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(0)	(0)	(0)	(0)	(0)	(0)
Lymph Node	(0)	(0)	(0)	(0)	(0)	(0)
Mediastinal, Congestion						
Mediastinal, Hyperplasia						
Mediastinal, Hyperplasia, Lymphoid						
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(0)	(0)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(0)
Necrosis, Lymphoid						
Spleen	(0)	(0)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS FEMALE	CONTROL SPECIAL	0.025% SPECIAL	0.05% SPECIAL	0.1% SPECIAL	0.2% SPECIAL	0.4% SPECIAL
Necrosis, Lymphoid Thymus Atrophy Necrosis	(0)	(0)	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM						
Mammary Gland Skin	(0)	(0)	(0)	(0)	(0)	(0)
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
NERVOUS SYSTEM						
Brain	(0)	(0)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM						
Lung Hemorrhage, Focal Inflammation, Chronic	(0)	(0)	(0)	(0)	(0)	(0)
Nose Goblet Cell, Respiratory Epithelium, Hyperplasia	(0)	(0)	(0)	(0)	(0)	(0)
Respiratory Epithelium, Inflammation, Acute Trachea	(0)	(0)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM						
Eye Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)



Experiment Number: 95003 - 01

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH  
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 08/30/2016

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 14:33:52

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/17/01 / 12/18/01

Species/Strain: RATS/F 344/N

Lab: MBA

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FISCHER 344 RATS FEMALE	CONTROL SPECIAL	0.025% SPECIAL	0.05% SPECIAL	0.1% SPECIAL	0.2% SPECIAL	0.4% SPECIAL
<hr/>						
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(0)
Congestion						
Nephropathy						
Renal Tubule, Necrosis						
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)

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\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)