

Experiment Number: 95003 - 03

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

Date Report Requested: 08/31/2016

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 09:09:36

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 12/10/01 / 12/11/01

Species/Strain: RATS/F 344/N

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

Test Type: 90-DAY

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CAS Number: 1896-62-4

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Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS MALE	VEHICLE CONTROL	22.0 MG/KG	44.0 MG/KG	87.5 MG/KG	175 MG/KG	350 MG/KG
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Scheduled Sacrifice						
Early Deaths						
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)	(1)	(0)	(0)	(10)
Hepatodiaphragmatic Nodule			1 [2.0]			
Vacuolization Cytoplasmic	3 [1.0]					3 [1.0]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy						2 [1.0]
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Cyst Epithelial Inclusion	1					
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]					
Artery, Inflammation, Focal, Chronic Active	1 [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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FISCHER 344 RATS MALE	VEHICLE CONTROL	22.0 MG/KG	44.0 MG/KG	87.5 MG/KG	175 MG/KG	350 MG/KG
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## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(4)	(0)	(0)	(0)	(0)	(9)
Pituitary Gland	(9)	(0)	(0)	(0)	(0)	(9)
Pars Distalis, Hyperplasia, Focal	1 [1.0]					
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ectopic Thymus, Focal						1 [1.0]

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(1)	(0)	(0)	(0)	(0)	(0)
Mediastinal, Hyperplasia, Lymphoid	1 [2.0]					
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	2 [1.0]					2 [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	22.0 MG/KG	44.0 MG/KG	87.5 MG/KG	175 MG/KG	350 MG/KG
<b>INTEGUMENTARY SYSTEM</b>						
Skin	(10)	(10)	(9)	(10)	(10)	(10)
Sebacous Gland, Site Of Application, Hypertrophy		1 [1.0]	3 [1.0]	6 [1.2]	10 [1.8]	7 [1.9]
Site Of Application, Hyperkeratosis	1 [1.0]	6 [1.2]	7 [1.4]	10 [1.7]	10 [1.9]	9 [2.1]
Site Of Application, Inflammation, Chronic Active					3 [1.7]	4 [2.5]
Site Of Application, Necrosis					3 [2.0]	3 [2.3]
Site Of Application - Epidermis, Hyperplasia		3 [1.0]	6 [1.0]	8 [1.5]	10 [2.2]	10 [2.3]
<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]					
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Respiratory Epithelium, Hyperplasia, Goblet Cell	2 [1.0]	6 [1.3]	1 [1.0]	6 [1.2]	4 [1.3]	9 [1.7]
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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<b>FISCHER 344 RATS MALE</b>	<b>VEHICLE CONTROL</b>	<b>22.0 MG/KG</b>	<b>44.0 MG/KG</b>	<b>87.5 MG/KG</b>	<b>175 MG/KG</b>	<b>350 MG/KG</b>
Infiltration Cellular, Lymphocyte						1 [3.0]
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<b>URINARY SYSTEM</b>						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Nephropathy	5 [1.0]	6 [1.0]	8 [1.0]	8 [1.0]	9 [1.1]	9 [1.4]
Renal Tubule, Casts Granular						3 [1.0]
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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Lab: MBA

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<b>FISCHER 344 RATS MALE</b>	<b>CONTROL SPECIAL</b>	<b>TK 22.0 MG/KG</b>	<b>TK 44.0 MG/KG</b>	<b>TK 87.5 MG/KG</b>	<b>TK 175 MG/KG</b>	<b>TK 350 MG/KG</b>
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**Disposition Summary**

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

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**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)
Atrophy						
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(0)
Cyst Epithelial Inclusion						
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(0)
Tongue	(0)	(0)	(0)	(0)	(0)	(0)

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**CARDIOVASCULAR SYSTEM**

Blood Vessel	(0)	(0)	(0)	(0)	(0)	(0)
Heart	(0)	(0)	(0)	(0)	(0)	(0)
Cardiomyopathy						
Artery, Inflammation, Focal, Chronic Active						

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

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FISCHER 344 RATS MALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
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## ENDOCRINE SYSTEM

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)
Pars Distalis, Hyperplasia, Focal						
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(0)
Ectopic Thymus, Focal						

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(0)	(0)	(0)	(0)	(0)	(0)
Preputial Gland	(0)	(0)	(0)	(0)	(0)	(0)
Prostate	(0)	(0)	(0)	(0)	(0)	(0)
Seminal Vesicle	(0)	(0)	(0)	(0)	(0)	(0)
Testes	(0)	(0)	(0)	(0)	(0)	(0)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(0)	(0)	(0)	(0)	(0)	(0)
Lymph Node	(0)	(0)	(0)	(0)	(0)	(0)
Mediastinal, Hyperplasia, Lymphoid						
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(0)
Spleen	(0)	(0)	(0)	(0)	(0)	(0)
Thymus	(0)	(0)	(0)	(0)	(0)	(0)
Atrophy						

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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FISCHER 344 RATS MALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
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## INTEGUMENTARY SYSTEM

Skin	(0)	(0)	(0)	(0)	(0)	(0)
Sebacous Gland, Site Of Application, Hypertrophy						
Site Of Application, Hyperkeratosis						
Site Of Application, Inflammation, Chronic Active						
Site Of Application, Necrosis						
Site Of Application - Epidermis, Hyperplasia						

## MUSCULOSKELETAL SYSTEM

Bone	(0)	(0)	(0)	(0)	(0)	(0)
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## NERVOUS SYSTEM

Brain	(0)	(0)	(0)	(0)	(0)	(0)
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## RESPIRATORY SYSTEM

Lung	(0)	(0)	(0)	(0)	(0)	(0)
Bronchiole, Infiltration Cellular, Lymphocyte, Focal						
Nose	(0)	(0)	(0)	(0)	(0)	(0)
Respiratory Epithelium, Hyperplasia, Goblet Cell						
Trachea	(0)	(0)	(0)	(0)	(0)	(0)

## SPECIAL SENSES SYSTEM

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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FISCHER 344 RATS MALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
Infiltration Cellular, Lymphocyte						
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URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(0)
Nephropathy						
Renal Tubule, Casts Granular						
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)

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	22.0 MG/KG	44.0 MG/KG	87.5 MG/KG	175 MG/KG	350 MG/KG
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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)	(1)	(2)	(1)	(1)	(10)
Hepatodiaphragmatic Nodule	1 [2.0]	1 [2.0]	2 [2.0]	1 [1.0]	1 [2.0]	1 [2.0]
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						1 [1.0]

## ENDOCRINE SYSTEM

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

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Adrenal Cortex	(10)	(1)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(9)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(3)	(0)	(0)	(0)	(0)	(6)
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	(1)	(1)	(0)	(0)	(0)	(0)
Abdominal, Fat, Necrosis, Focal	1 [4.0]	1 [3.0]				
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(10)	(0)	(0)	(0)	(1)	(10)
Cyst					1 [1.0]	
Ovary	(10)	(0)	(0)	(1)	(0)	(10)
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Dilatation	1	3	6	2	3	6
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(0)	(1)	(2)	(1)	(2)	(3)
Mediastinal, Congestion						1 [2.0]
Mediastinal, Hyperplasia, Lymphoid		1 [2.0]	2 [2.0]	1 [2.0]	2 [2.5]	3 [2.3]
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Congestion						1 [2.0]
Thymus	(10)	(0)	(0)	(0)	(1)	(10)
Atrophy	9 [1.0]					9 [1.0]

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

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<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebacous Gland, Site Of Application, Hypertrophy		1 [1.0]	5 [1.0]	7 [1.0]	4 [1.5]	8 [1.6]
Site Of Application, Hyperkeratosis		6 [1.0]	6 [1.0]	9 [1.9]	8 [1.6]	9 [2.0]
Site Of Application, Inflammation, Chronic Active				1 [1.0]	6 [2.5]	4 [2.8]
Site Of Application, Necrosis					4 [2.0]	2 [1.5]
Site Of Application, Ulcer					1	1
Site Of Application - Epidermis, Degeneration					2 [3.0]	1 [1.0]
Site Of Application - Epidermis, Hyperplasia		3 [1.0]	3 [1.0]	7 [1.6]	9 [2.2]	10 [2.2]
<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]
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Respiratory Epithelium, Hyperplasia, Goblet Cell		8 [1.0]	3 [1.0]	3 [1.0]	7 [1.4]	5 [1.2]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(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)

Experiment Number: 95003 - 03

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

Date Report Requested: 08/31/2016

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 09:09:36

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 12/10/01 / 12/11/01

Species/Strain: RATS/F 344/N

Lab: MBA

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	22.0 MG/KG	44.0 MG/KG	87.5 MG/KG	175 MG/KG	350 MG/KG
Harderian Gland Infiltration Cellular, Lipocyte	(10) 1 [1.0]	(0)	(0)	(0)	(0)	(10)
<hr/>						
URINARY SYSTEM						
Kidney Mineralization	(10) 1 [1.0]	(10)	(10)	(10)	(10)	(10)
Nephropathy Renal Tubule, Necrosis		2 [1.0]	2 [1.0]	1 [3.0]		
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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Lab: MBA

FISCHER 344 RATS FEMALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Scheduled Sacrifice	10	10	10	9	10	10
Early Deaths						
Accidentally Killed				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						
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						

**ENDOCRINE SYSTEM**

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Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 09:09:36

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 12/10/01 / 12/11/01

Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS FEMALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
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)
Cyst						
Ovary	(0)	(0)	(0)	(0)	(0)	(0)
Uterus	(0)	(0)	(0)	(0)	(0)	(0)
Dilatation						
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(0)	(0)	(0)	(0)	(0)	(0)
Lymph Node	(0)	(0)	(0)	(0)	(0)	(0)
Mediastinal, Congestion						
Mediastinal, Hyperplasia, Lymphoid						
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(0)
Spleen	(0)	(0)	(0)	(0)	(0)	(0)
Congestion						
Thymus	(0)	(0)	(0)	(0)	(0)	(0)
Atrophy						

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Experiment Number: 95003 - 03

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

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CAS Number: 1896-62-4

First Dose M/F: 12/10/01 / 12/11/01

Species/Strain: RATS/F 344/N

Lab: MBA

FISCHER 344 RATS FEMALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(0)	(0)	(0)	(0)	(0)	(0)
Skin	(0)	(0)	(0)	(0)	(0)	(0)
Sebacous Gland, Site Of Application, Hypertrophy						
Site Of Application, Hyperkeratosis						
Site Of Application, Inflammation, Chronic Active						
Site Of Application, Necrosis						
Site Of Application, Ulcer						
Site Of Application - Epidermis, Degeneration						
Site Of Application - Epidermis, Hyperplasia						
<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)
Hemorrhage, Focal						
Nose	(0)	(0)	(0)	(0)	(0)	(0)
Respiratory Epithelium, Hyperplasia, Goblet Cell						
Trachea	(0)	(0)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(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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FISCHER 344 RATS FEMALE	CONTROL SPECIAL	TK 22.0 MG/KG	TK 44.0 MG/KG	TK 87.5 MG/KG	TK 175 MG/KG	TK 350 MG/KG
Harderian Gland Infiltration Cellular, Lipocyte	(0)	(0)	(0)	(0)	(0)	(0)
<hr/>						
URINARY SYSTEM						
Kidney Mineralization Nephropathy Renal Tubule, Necrosis	(0)	(0)	(0)	(0)	(0)	(0)
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)