

**Experiment Number:** 95003 - 03  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**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

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-1

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Tongue                   | * Trachea                 | * Urinary Bladder           |                          |

**MISSING**

- |                          |                 |                     |
|--------------------------|-----------------|---------------------|
| * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland |
|--------------------------|-----------------|---------------------|

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thyroid Gland             | * Tongue                 |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- |                          |                 |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- |                                 |                           |         |
|---------------------------------|---------------------------|---------|
| * Liver                         | Vacuolization Cytoplasmic | Minimal |
| * Thymus                        | Atrophy                   | Minimal |
| Note: increased tingible bodies |                           |         |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-3

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Heart	Artery	Inflammation	Chronic Active, Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lymph Node, Mesenteric
- \* Nose
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Skin
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Kidney
- \* Lung
- Lymph Node
- [ Hyperplasia TGLs = TGL=1-12 ]
- Bronchiole
- Mediastinal
- Nephropathy
- Infiltration Cellular
- Hyperplasia
- Minimal
- Lymphocyte, Focal, Minimal
- Lymphoid, Mild

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone                     |
| * Bone Marrow             | * Brain                     | * Epididymis             | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Liver                     | * Lung                   | * Lymph Node, Mesenteric   |
| * Nose                    | * Pancreas                  | * Preputial Gland        | * Prostate                 |
| * Salivary Glands         | * Seminal Vesicle           | * Skin                   | * Spleen                   |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 | * Thymus                   |
| * Thyroid Gland           | * Tongue                    | * Trachea                | * Urinary Bladder          |

MISSING

- |                          |                 |                     |
|--------------------------|-----------------|---------------------|
| * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland |
|--------------------------|-----------------|---------------------|

OBSERVATIONS

- |                   |               |                |                |
|-------------------|---------------|----------------|----------------|
| * Heart           |               | Cardiomyopathy | Minimal        |
| * Kidney          |               | Nephropathy    | Minimal        |
| * Pituitary Gland | Pars Distalis | Hyperplasia    | Focal, Minimal |
| * Thyroid GI      |               |                |                |

Note: One of pair missing.

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 6

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-6

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thyroid Gland             | * Tongue                 |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- |                          |                 |                     |
|--------------------------|-----------------|---------------------|
| * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland |
|--------------------------|-----------------|---------------------|

**OBSERVATIONS**

- |                                 |         |         |
|---------------------------------|---------|---------|
| * Thymus                        | Atrophy | Minimal |
| Note: increased tingible bodies |         |         |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-7

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

**OBSERVATIONS**

* Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
* Stomach, Forestomach		Cyst Epithelial Inclusion	



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-8

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland
- \* Parathyroid Gland

INSUFFICIENT TISSUE

- \* Pituitary Gland

OBSERVATIONS

- \* Eye
  - Note: no optic nerve in sections
- \* Kidney
 

	Nephropathy	Minimal
* Nose	Respirat Epith	Goblet Cell, Minimal
* Skin	SOA	Minimal
	Hyperplasia	
	Hyperkeratosis	

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-9

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mesenteric |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Preputial Gland          | * Prostate                | * Salivary Glands           | * Seminal Vesicle        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Tongue                 |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- |                          |                 |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- |          |                           |         |
|----------|---------------------------|---------|
| * Kidney | Nephropathy               | Minimal |
| * Liver  | Vacuolization Cytoplasmic | Minimal |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Kidney
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Nose
- \* Pancreas
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Skin
- \* Spleen
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Stomach, Forestomach
- \* Tongue
- \* Trachea
- \* Urinary Bladder
- \* Thyroid Gland

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland
- \* Parathyroid Gland

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 11

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-11

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 12

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-12

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 13

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-13

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Skin	SOA	Hyperkeratosis	Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 14

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-14

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 15

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-15

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA

Hyperkeratosis

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 16

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-16

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 17

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-17

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 18

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-18

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 19

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-19

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 20

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-20

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 21

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-21

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 22

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-22

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 23

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-23

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 24

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-24

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 25

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-25

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 26

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-26

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 27

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-27

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 28

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-28

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**INSUFFICIENT TISSUE**

Skin

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 44.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-29

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Nose

Stomach, Glandular

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Liver

Hepatodiaphragmatic Nodule

Mild

[ Hepatodiaphragmatic Nodule TGLs = TGL=1-12 ]

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 30

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-30

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 31

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-31

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Minimal

---



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 32

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-32

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hypertrophy	Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 33

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-33

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 34

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-34

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 35

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-35

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 36

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-36

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA

Hyperkeratosis

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 37

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-37

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 38

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-38

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---





Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 40

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-40

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 41

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-41

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Nose

Stomach, Glandular

**OBSERVATIONS**

Kidney

Nephropathy

Mild

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Mild

SOA

Inflammation

Chronic Active, Mild

SOA

Necrosis

Mild

[ Necrosis TGLs = 1-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 42

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-42

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 43

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-43

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-44

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 45

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-45

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Mild

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 46

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-46

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Minimal

[ Hyperplasia TGLs = TGL=1-11 ]

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 47

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-47

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Mild

---



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 48

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-48

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Nose

Stomach, Glandular

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Moderate

SOA, Sebaceous GI

Hypertrophy

Mild

SOA

Inflammation

Chronic Active, Mild

SOA

Necrosis

Mild

[ Hyperplasia TGLs = TGL=1-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 49

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-49

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 50

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-50

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Moderate

SOA, Sebaceous GI

Hypertrophy

Mild

SOA

Inflammation

Chronic Active, Minimal

SOA

Necrosis

Mild

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 51

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Lung
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland
- \* Parathyroid Gland

OBSERVATIONS

- \* Kidney
- \* Liver
- \* Nose
- \* Skin
- Respirat Epith
- SOA
- SOA Epidermis
- Nephropathy
- Vacuolization Cytoplasmic
- Hyperplasia
- Hyperkeratosis
- Hyperplasia
- Minimal
- Minimal
- Goblet Cell, Minimal
- Minimal
- Mild

Note: non-SOA skin - normal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Nose
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Kidney Nephropathy Mild
- \* Skin SOA Hyperkeratosis Moderate
- SOA Epidermis Hyperplasia Marked
- SOA, Sebaceous GI Hypertrophy Minimal
- SOA Inflammation Chronic Active, Moderate
- Note: Ulceration (gross description) is not present in section submitted.
- Note: non SOA skin is normal
- [ Hyperplasia TGLs = 1-12 ]
- \* Thymus Atrophy Minimal
- Note: increased tingible bodies

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 53

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Parathyroid Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

INSUFFICIENT TISSUE

- \* Pituitary Gland

OBSERVATIONS

- |          |                   |                |                          |
|----------|-------------------|----------------|--------------------------|
| * Kidney |                   | Nephropathy    | Minimal                  |
| * Nose   | Respirat Epith    | Hyperplasia    | Goblet Cell, Minimal     |
| * Skin   | SOA               | Hyperkeratosis | Moderate                 |
|          | SOA Epidermis     | Hyperplasia    | Minimal                  |
|          | SOA, Sebaceous GI | Hypertrophy    | Minimal                  |
|          | SOA               | Inflammation   | Chronic Active, Moderate |
|          | SOA               | Necrosis       | Moderate                 |

Note: non-SOA skin is normal

Note: Slide 11 insufficient; Slide 12 used.

[ Necrosis TGLs = TGL=1-12 ]



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 55

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Lung
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Stomach, Forestomach
- \* Tongue
- \* Trachea
- \* Urinary Bladder
- \* Thyroid Gland

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Eye
    - Note: Majority of cornea is absent on all three sections of eye on slide #10.
  - \* Kidney
    - Nephropathy
    - Minimal
  - \* Liver
    - Vacuolization Cytoplasmic
    - Minimal
  - \* Nose
    - Respirat Epith
    - Hyperplasia
    - Goblet Cell, Minimal
  - \* Pancreas
    - Atrophy
    - Minimal
  - \* Parathyroid GI
    - Note: One of pair missing
  - \* Skin
    - SOA
    - Hyperkeratosis
    - Minimal
    - SOA Epidermis
    - Hyperplasia
    - Mild
    - SOA, Sebaceous GI
    - Hypertrophy
    - Minimal
- Note: non-SOA skin is normal

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 56

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Kidney
  - Renal Tubule
    - Casts Granular
    - Minimal
    - Nephropathy
    - Minimal
    - Hyperplasia
    - Goblet Cell, Mild
    - Hyperkeratosis
    - Mild
    - Hyperplasia
    - Moderate
    - Hypertrophy
    - Moderate
- \* Nose
- \* Skin

Note: non-SOA skin is normal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 57

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-57

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Kidney
- \* Nose
- \* Skin
- Respirat Epith
- SOA
- SOA Epidermis
- SOA, Sebaceous GI
- Nephropathy
- Hyperplasia
- Hyperkeratosis
- Hyperplasia
- Hypertrophy
- Mild
- Goblet Cell, Mild
- Moderate
- Mild
- Moderate

Note: non-SOA skin is normal

[ Hyperplasia TGLs = TGL=1-11 ]



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 59

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Kidney
- \* Nose
- \* Pancreas
- \* Skin
- Respirat Epith
- SOA
- SOA Epidermis
- SOA
- SOA
- Nephropathy
- Hyperplasia
- Atrophy
- Hyperkeratosis
- Hyperplasia
- Inflammation
- Necrosis
- Minimal
- Goblet Cell, Mild
- Minimal
- Mild
- Moderate
- Chronic Active, Moderate
- Moderate

Note: non-SOA is normal

[ Necrosis TGLs = TGL=1-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 60

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-60

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Epididymis
- \* Esophagus
- \* Eye
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Seminal Vesicle
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Testes
- \* Thymus
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Mammary Gland

OBSERVATIONS

- \* Harderian Gland
- \* Kidney
- \* Nose
- \* Skin
- Infiltration Cellular
- Nephropathy
- Hyperplasia
- Hyperplasia
- Inflammation
- Necrosis
- Lymphocyte, Moderate
- Mild
- Goblet Cell, Mild
- Mild
- Chronic Active, Minimal
- Minimal
- Note: non-SOA skin is normal  
[ Necrosis TGLs = TGL=1-11 ]
- \* Thyroid Gland
- Ectopic Thymus
- Focal, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 121

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-121

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 122

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-122

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 123

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-123

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 124

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-124

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 125

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-125

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 126

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-126

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 127

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-127

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 128

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-128

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 129

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-129

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 130

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-130

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 131

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-131

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 132

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-132

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 133

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-133

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 134

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-134

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 135

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-135

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 136

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-136

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 137

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-137

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 138

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-138

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 139

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-139

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 140

**TRT#:** 14

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-140

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 141

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-141

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 142

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-142

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 143

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-143

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 144

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-144

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 145

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-145

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 146

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-146

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 147

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-147

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 148

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-148

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 149

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-149

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 150

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-150

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 151

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-151

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 152

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-152

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 153

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-153

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 154

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-154

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 155

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-155

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 156

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-156

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 157

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-157

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 158

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-158

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 159

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-159

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 160

**TRT#:** 16

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-160

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 161

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-161

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 162

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-162

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 163

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-163

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 164

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-164

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 165

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-165

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 166

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-166

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 167

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-167

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 168

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-168

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 169

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-169

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 170

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-170

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 171

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-171

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 172

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-172

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 173

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-173

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 174

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-174

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 175

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-175

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 176

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-176

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 177

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-177

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 178

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-178

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 179

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-179

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 180

**TRT#:** 18

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-180

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 62

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-62

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone                     |
| * Bone Marrow             | * Brain                     | * Clitoral Gland         | * Esophagus                |
| * Eye                     | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Liver                  | * Lung                     |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Ovary                    |
| * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        | * Salivary Glands          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Thyroid Gland           | * Tongue                    | * Trachea                | * Urinary Bladder          |
| * Uterus                  |                             |                          |                            |

**MISSING**

- \* Lymph Node, Mandibular

**OBSERVATIONS**

- |                   |                       |                   |
|-------------------|-----------------------|-------------------|
| * Harderian Gland | Infiltration Cellular | Lipocyte, Minimal |
| * Thymus          | Atrophy               | Minimal           |
- Note: increased tingible bodies

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-63

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Tongue                   | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- |                                 |                |         |
|---------------------------------|----------------|---------|
| * Kidney                        | Mineralization | Minimal |
| * Thymus                        | Atrophy        | Minimal |
| Note: increased tingible bodies |                |         |
| * Thyroid Gland                 | Ectopic Thymus | Minimal |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-64

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Clitoral Gland
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Kidney
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Mammary Gland
- \* Nose
- \* Ovary
- \* Pancreas
- \* Pituitary Gland
- \* Salivary Glands
- \* Skin
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder
- \* Uterus

MISSING

- \* Lymph Node, Mandibular
- \* Parathyroid Gland

OBSERVATIONS

- \* Thymus Atrophy Minimal
- Note: increased tingible bodies

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 65

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-65

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Tongue                    | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

**MISSING**

- |                          |                     |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

**OBSERVATIONS**

- \* Eye  
Note: no optic nerve in sections
- \* Trachea  
Note: slide 3.1RE

Experiment Number: 95003 - 03  
Test Type: 90-DAY  
Route: SKIN APPLICATION  
Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 66

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-66

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thyroid Gland            | * Tongue                  | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- |                          |                     |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

**OBSERVATIONS**

- |          |         |         |
|----------|---------|---------|
| * Thymus | Atrophy | Minimal |
|----------|---------|---------|
- Note: increased tingible bodies

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 67

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-67

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thyroid Gland           | * Tongue                    | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- |                                 |                |          |               |
|---------------------------------|----------------|----------|---------------|
| * Thymus                        |                | Atrophy  | Minimal       |
| Note: increased tingible bodies |                |          |               |
| Tissue NOS                      | Abdominal, Fat | Necrosis | Focal, Marked |
| [ Necrosis TGLs = TGL=1-12 ]    |                |          |               |



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 68

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-68

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thyroid Gland            | * Tongue                  | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- |                          |                     |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- |  |         |         |
|--|---------|---------|
| * Eye  |         |         |
| Note: Majority of cornea is absent on all three sections of eye on slides #10 and 10A. |         |         |
| * Thymus   | Atrophy | Minimal |
| Note: increased tingible bodies  |         |         |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 69

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-69

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thyroid Gland            | * Tongue                  | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- |                          |                     |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- |                                 |         |         |
|---------------------------------|---------|---------|
| * Thymus                        | Atrophy | Minimal |
| Note: increased tingible bodies |         |         |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 70

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB461M-70

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thyroid Gland            | * Tongue                  | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- |                          |                     |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- |                                 |         |         |
|---------------------------------|---------|---------|
| * Thymus                        | Atrophy | Minimal |
| Note: increased tingible bodies |         |         |

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 71

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-71

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Skin

Stomach, Glandular

Uterus

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 72

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-72

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Stomach, Glandular

Uterus

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

Tissue NOS

SOA Epidermis

Hyperplasia

Minimal

Abdominal, Fat

Necrosis

Focal, Moderate

[ Necrosis TGLs = TGL=1-12 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 73

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-73

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 74

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-74

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 75

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-75

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

---



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 76

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-76

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Skin

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Lymph Node

Mediastinal

Hyperplasia

Lymphoid, Mild

[ Hyperplasia TGLs = TGL=1-12 ]

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 77

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-77

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 78

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-78

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Skin

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 79

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-79

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 80

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 22.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-80

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Skin

Stomach, Glandular

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Mild

Note: TGL1 = NCL

[ Hepatodiaphragmatic Nodule TGLs = TGL=2-12 ]

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Uterus

Dilatation

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 81

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-81

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 82

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-82

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 83

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-83

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Stomach, Glandular

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = TGL=1-12 ]		
Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
Skin	SOA	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Minimal
Uterus		Dilatation	



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 84

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-84

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 85

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-85

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Mild

[ Hepatodiaphragmatic Nodule

TGLs = TGL=1-6 ]

Skin

SOA

Hyperkeratosis

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 86

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-86

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney  
Uterus

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Mild

[ Hepatodiaphragmatic Nodule TGLs = TGL=1-12 ]

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 87

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-87

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

**OBSERVATIONS**

Lymph Node

Mediastinal

Hyperplasia

Lymphoid, Mild

[ Hyperplasia TGLs = TGL=1-12 ]

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Uterus

Dilatation

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 88

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-88

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 89

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-89

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 90

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 44.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-90

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 91

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-91

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

Minimal

[ Hepatodiaphragmatic Nodule TGLs = TGL=1-6 ]

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Moderate

SOA

Inflammation

Chronic Active, Minimal

[ Hyperplasia TGLs = TGL=2-11 ]



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 92

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-92

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 93

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-93

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Skin

Stomach, Glandular

---

**OBSERVATIONS**

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 94

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-94

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 95

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 87.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-95

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Nose

Stomach, Glandular

Uterus

OBSERVATIONS

Lymph Node

Mediastinal

Hyperplasia

Lymphoid, Mild

[ Hyperplasia TGLs = TGL=1-12 ]

Skin

SOA

Hyperkeratosis

Moderate

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 96

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-96

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 97

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-97

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Nose

Stomach, Glandular

---

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Uterus

Dilatation

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 98

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-98

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Kidney

Renal Tubule

Necrosis

Moderate

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 99

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-99

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Ovary

Stomach, Glandular

Uterus

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Ovary

Note: TGL 1 = NCL

Skin

SOA

Hyperkeratosis

Minimal



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 100

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 87.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-100

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

Uterus

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 101

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-101

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

Thymus

Uterus

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Minimal

SOA, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

---

**ANIMAL ID:** 102

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-102

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Stomach, Glandular

Uterus

---

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Inflammation

Chronic Active, Mild

SOA

Necrosis

Mild

[ Necrosis TGLs = 1-11 ]

---

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 103

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-103

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

Uterus

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Moderate

SOA, Sebaceous GI

Hypertrophy

Mild

SOA

Inflammation

Chronic Active, Minimal

SOA

Necrosis

Mild

[ Hyperplasia TGLs = TGL=1-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 104

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-104

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

Uterus

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA Epidermis

Degeneration

Moderate

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Marked

SOA

Inflammation

Chronic Active, Moderate

[ Hyperplasia TGLs = 1-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 105

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Stomach, Glandular

Uterus

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

Mild

[ Hepatodiaphragmatic Nodule

TGLs = 1-6 ]

Lymph Node

Hyperplasia

Lymphoid, Mild

[ Hyperplasia TGLs = 2-13 ]

Mediastinal

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Moderate

SOA

Inflammation

Chronic Active, Moderate

SOA

Necrosis

Moderate

[ Hyperplasia TGLs = 3-12 ]

[ Necrosis TGLs = 4-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 106

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-106

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

**OBSERVATIONS**

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Mild

SOA

Necrosis

Minimal

[ Hyperplasia TGLs = TGL=1-11 ]

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 107

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-107

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Nose

Stomach, Glandular

**OBSERVATIONS**

Clitoral Gland

Cyst

Minimal

[ Cyst TGLs = TGL=1-9 ]

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

Uterus

Dilatation



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 108

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-108

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Mild

Skin

SOA Epidermis

Degeneration

Moderate

SOA Epidermis

Hyperplasia

Moderate

SOA

Inflammation

Chronic Active, Moderate

SOA

Ulcer

[ Hyperplasia TGLs = 1-11 ]

[ Ulcer TGLs = 2-11 ]

Uterus

Dilatation

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 109

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 175 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-109

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach, Glandular

**OBSERVATIONS**

Nose

Respirat Epith

Hyperplasia

Goblet Cell, Minimal

Skin

SOA

Hyperkeratosis

Mild

SOA Epidermis

Hyperplasia

Mild

SOA, Sebaceous GI

Hypertrophy

Minimal

SOA

Inflammation

Chronic Active, Moderate

[ Hyperplasia TGLs = 1-11 ]

Uterus

Dilatation

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 110

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 175 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-110

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Nose

Stomach, Glandular

Uterus

**OBSERVATIONS**

Lymph Node

Mediastinal

Hyperplasia

Lymphoid, Moderate

[ Hyperplasia TGLs = TGL=1-12 ]

Skin

SOA

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Minimal

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone Marrow
- \* Brain
- \* Clitoral Gland
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Kidney
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Mammary Gland
- \* Ovary
- \* Pancreas
- \* Pituitary Gland
- \* Salivary Glands
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular
- \* Parathyroid Gland

OBSERVATIONS

- Lymph Node  
[ Hyperplasia TGLs = TGL=2-12 ]
- Mediastinal  
Hyperplasia
- Lymphoid, Mild
- \* Nose  
Respirat Epith  
Hyperplasia
- \* Skin  
SOA  
Hyperkeratosis
- SOA Epidermis  
Hyperplasia
- SOA, Sebaceous GI  
Hypertrophy
- Goblet Cell, Mild
- Mild
- Minimal
- Minimal
- Note: non-SOA skin is normal  
[ Hyperplasia TGLs = TGL=1-11 ]
- \* Thymus  
Atrophy
- Minimal
- Note: increased tingible bodies
- \* Uterus  
Dilatation

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thyroid Gland          |
| * Tongue                   | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- |  |                   |                |                      |
|--|-------------------|----------------|----------------------|
| * Nose   | Respirat Epith    | Hyperplasia    | Goblet Cell, Minimal |
| * Skin   | SOA               | Hyperkeratosis | Mild                 |
|  | SOA Epidermis     | Hyperplasia    | Moderate             |
|  | SOA, Sebaceous GI | Hypertrophy    | Minimal              |
|  | SOA               | Inflammation   | Chronic Active, Mild |
| Note: non-SOA is normal<br>[ Hyperplasia TGLs = TGL=1-11 ] |                   |                |                      |
| * Thymus   |                   | Atrophy        | Minimal              |
| Note: increased tingible bodies                            |                   |                |                      |

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thyroid Gland          |
| * Tongue                   | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- |                          |                     |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- |   |                   |                |                          |
|---|-------------------|----------------|--------------------------|
| * Skin  | SOA               | Hyperkeratosis | Mild                     |
|   | SOA Epidermis     | Hyperplasia    | Moderate                 |
|   | SOA, Sebaceous GI | Hypertrophy    | Mild                     |
|   | SOA               | Inflammation   | Chronic Active, Moderate |
|   | SOA               | Necrosis       | Minimal                  |
| Note: non-SOA skin is normal<br>[ Hyperplasia TGLs = TGL=1-11 ] |                   |                |                          |
| * Thymus  |                   | Atrophy        | Minimal                  |
| Note: increased tingible bodies                                 |                   |                |                          |



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone Marrow
- \* Brain
- \* Clitoral Gland
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Kidney
- \* Liver
- \* Lymph Node, Mesenteric
- \* Mammary Gland
- \* Nose
- \* Ovary
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Salivary Glands
- \* Spleen
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder
- \* Uterus

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- \* Lung Hemorrhage Focal, Minimal
- \* Parathyroid GI
- Note: One of pair missing.
- \* Skin SOA Epidermis Degeneration Minimal
- SOA Hyperkeratosis Moderate
- SOA Epidermis Hyperplasia Moderate
- SOA, Sebaceous GI Hypertrophy Mild
- SOA Inflammation Chronic Active, Moderate
- SOA Necrosis Mild
- Note: non-SOA skin is normal
- [ Necrosis TGLs = 1-11 ]
- \* Thymus Atrophy Minimal
- Note: increased tingible bodies

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel           | * Bone                     |
| * Bone Marrow             | * Brain                     | * Clitoral Gland         | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Liver                  | * Lung                     |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Ovary                    |
| * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        | * Salivary Glands          |
| * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     | * Thyroid Gland            |
| * Tongue                  | * Trachea                   | * Urinary Bladder        |                            |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- |                                 |                   |                |         |
|---------------------------------|-------------------|----------------|---------|
| * Esophagus                     |                   |                |         |
| Note: slide 3.1 RC              |                   |                |         |
| * Heart                         |                   | Cardiomyopathy | Minimal |
| * Skin                          | SOA               | Hyperkeratosis | Mild    |
|                                 | SOA Epidermis     | Hyperplasia    | Mild    |
|                                 | SOA, Sebaceous GI | Hypertrophy    | Mild    |
| Note: non-SOA skin is normal    |                   |                |         |
| * Thymus                        |                   | Atrophy        | Minimal |
| Note: increased tingible bodies |                   |                |         |
| * Uterus                        |                   | Dilatation     |         |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* Bone
- \* Bone Marrow
- \* Brain
- \* Clitoral Gland
- \* Esophagus
- \* Eye
- \* Harderian Gland
- \* Heart
- \* Intestine Large, Cecum
- \* Intestine Large, Colon
- \* Intestine Large, Rectum
- \* Intestine Small, Duodenum
- \* Intestine Small, Ileum
- \* Intestine Small, Jejunum
- \* Islets, Pancreatic
- \* Kidney
- \* Liver
- \* Lung
- \* Lymph Node, Mesenteric
- \* Mammary Gland
- \* Ovary
- \* Pancreas
- \* Parathyroid Gland
- \* Pituitary Gland
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Stomach, Glandular
- \* Thymus
- \* Thyroid Gland
- \* Tongue
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- \* Eye
  - Note: Cornea is absent on all three sections of eye on slide #10A.
- Lymph Node
  - [ Hyperplasia TGLs = TGL=1-12 ]
- Mediastinal
  - Hyperplasia
- Lymphoid, Mild
- \* Nose
  - Respirat Epith
- Hyperplasia
- Goblet Cell, Minimal
- \* Skin
  - SOA
  - SOA Epidermis
  - SOA
  - SOA
- Hyperkeratosis
- Mild
- Hyperplasia
- Moderate
- Inflammation
- Chronic Active, Moderate
- Ulcer
- Note: non-SOA skin is normal
  - [ Hyperplasia TGLs = TGL=2-11 ]
  - [ Ulcer TGLs = 3-11 ]
- \* Spleen
  - Congestion
- Mild
- \* Uterus
  - Dilatation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 350 MG/KG

DISP: Terminal Sacrifice

HISTO: MB461M-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thyroid Gland            | * Tongue                  | * Trachea                   | * Urinary Bladder        |

MISSING

- \* Lymph Node, Mandibular

OBSERVATIONS

- \* Eye  
Note: Majority of cornea is absent on all three sections of eye on slide #10 and only partial sections of cornea are present on slide #10A.
- \* Parathyroid GI  
Note: One of pair missing.
- \* Skin
 

SOA	Hyperkeratosis	Minimal
SOA Epidermis	Hyperplasia	Mild
SOA, Sebaceous GI	Hypertrophy	Minimal

Note: non-SOA skin is normal
- \* Thymus  
Note: increased tingible bodies  
Atrophy  
Minimal
- \* Uterus  
Dilatation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 95003 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016

Time Report Requested: 09:09:36

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

Lab: MBA

**ANIMAL ID:** 120

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 350 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB461M-120

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Nose	Respirat Epith	Hyperplasia	Goblet Cell, Minimal
* Skin	SOA Epidermis	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

Note: increased tingible bodies

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 181

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-181

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 182

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-182

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 183

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-183

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 184

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-184

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 185

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-185

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 186

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-186

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 187

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-187

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 188

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-188

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 189

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-189

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 190

**TRT#:** 19

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** CONTROL SPECIAL

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-190

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 191

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-191

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 192

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-192

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 193

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-193

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 195

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-195

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 196

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-196

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 197

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-197

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 198

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-198

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 199

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-199

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 200

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 22.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-200

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 201

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-201

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 202

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-202

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 203

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-203

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 204

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-204

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 205

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-205

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 206

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-206

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 207

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-207

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 208

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-208

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 209

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-209

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 210

**TRT#:** 21

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 44.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-210

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 211

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-211

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 212

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 4

**DOSE:** TK 87.5 MG/KG

**DISP:** Accidentally Killed

**HISTO:** MB461M-212

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 213

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-213

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 214

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-214

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 215

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-215

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 216

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-216

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 217

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-217

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 218

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-218

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 219

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-219

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 220

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 87.5 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-220

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 221

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-221

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 222

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-222

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 223

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-223

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 224

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-224

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 225

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-225

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 226

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-226

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 227

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-227

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 228

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-228

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 229

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-229

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 230

**TRT#:** 23

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 175 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-230

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 231

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-231

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 232

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-232

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 233

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-233

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 234

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-234

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 235

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-235

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

---

**ANIMAL ID:** 236

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-236

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Methyl trans-styryl ketone

**CAS Number:** 1896-62-4

**Date Report Requested:** 08/31/2016

**Time Report Requested:** 09:09:36

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

**Lab:** MBA

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**ANIMAL ID:** 237

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-237

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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**Lab:** MBA

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**ANIMAL ID:** 238

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-238

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

**Test Type:** 90-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** RATS/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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**ANIMAL ID:** 239

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-239

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 95003 - 03

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**ANIMAL ID:** 240

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**SEX:** Female

**DAY ON TEST:** 24

**DOSE:** TK 350 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** MB461M-240

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

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