

TDMs No. 95003 - 06

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

Date Report Requested: 10/09/2009

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

F1_M3

C Number: C95003C
Lock Date: 01/29/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.1.0

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| B6C3F1 MICE MALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|----------------------------------|---------|----------|----------|----------|
| Disposition Summary | | | | |
| Animals Initially in Study | 50 | 50 | 50 | 50 |
| Early Deaths | | | | |
| Accidently Killed | | 1 | | |
| Moribund Sacrifice | 4 | 2 | 8 | 5 |
| Natural Death | 12 | 12 | 7 | 7 |
| Survivors | | | | |
| Terminal Sacrifice | 34 | 35 | 35 | 38 |
| Animals Examined Microscopically | 50 | 50 | 50 | 50 |
| ALIMENTARY SYSTEM | | | | |
| Gallbladder | (40) | (38) | (44) | (38) |
| Inflammation, Acute | | | | 1 [1.0] |
| Intestine Large, Cecum | (41) | (46) | (46) | (46) |
| Intestine Large, Colon | (39) | (43) | (44) | (43) |
| Edema | | | 1 [2.0] | |
| Intestine Large, Rectum | (41) | (43) | (46) | (46) |
| Inflammation, Acute | | 1 [1.0] | | |
| Intestine Small, Duodenum | (40) | (42) | (44) | (43) |
| Hemorrhage | | | | 1 [2.0] |
| Intestine Small, Ileum | (40) | (44) | (45) | (43) |
| Inflammation, Acute | | | 1 [2.0] | |
| Inflammation, Chronic | | | | 1 [3.0] |
| Intestine Small, Jejunum | (41) | (42) | (45) | (44) |
| Inflammation, Acute | 1 [2.0] | | 1 [1.0] | |
| Inflammation, Chronic | | | | 1 [4.0] |
| Mineralization | | 1 [1.0] | | |
| Necrosis | 1 [1.0] | 1 [1.0] | 1 [1.0] | |
| Liver | (50) | (50) | (50) | (49) |
| Angiectasis | 2 [3.0] | | 1 [3.0] | |
| Basophilic Focus | 5 | 5 | 3 | 3 |
| Basophilic Focus, Multiple | | | | 1 |
| Bile Stasis | | 2 [2.5] | 1 [3.0] | |
| Clear Cell Focus | 17 | 18 | 15 | 18 |
| Congestion | 1 [2.0] | 2 [3.0] | | |
| Cyst | | | | 2 [3.0] |

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| B6C3F1 MICE MALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|---------------------------------------|----------|----------|----------|----------|
| Eosinophilic Focus | 17 | 14 | 16 | 13 |
| Fatty Change | 1 [4.0] | | | |
| Hematopoietic Cell Proliferation | 4 [1.8] | 1 [1.0] | 4 [1.3] | 7 [1.0] |
| Hemorrhage | 2 [2.5] | 2 [2.5] | | |
| Hyperplasia, Lymphoid | 1 [2.0] | | | |
| Inflammation, Acute | 1 [3.0] | | | |
| Inflammation, Chronic | | 2 [2.5] | | |
| Mixed Cell Focus | 2 | 5 | 2 | 4 |
| Necrosis, Focal | 15 [1.8] | 7 [2.6] | 8 [2.6] | 6 [3.0] |
| Thrombosis | | | 1 [2.0] | 1 [1.0] |
| Centrilobular, Necrosis | 1 [2.0] | | | |
| Hepatocyte, Hypertrophy | | 1 [2.0] | | 1 [2.0] |
| Hepatocyte, Vacuolization Cytoplasmic | 1 [2.0] | 2 [2.0] | 1 [2.0] | |
| Mesentery | (6) | (12) | (8) | (6) |
| Fibrosis | | 1 [2.0] | 1 [2.0] | 1 [2.0] |
| Hemorrhage | | 3 [2.7] | | 1 [2.0] |
| Inflammation, Chronic | | | | 1 [3.0] |
| Artery, Hyperplasia | | | | 1 [3.0] |
| Fat, Necrosis | 5 [2.2] | 5 [2.0] | 7 [2.0] | 4 [1.8] |
| Pancreas | (49) | (50) | (50) | (49) |
| Angiectasis | 1 [2.0] | | | |
| Inflammation, Chronic | | 1 [2.0] | | |
| Lipomatosis | | 1 [2.0] | 1 [3.0] | |
| Metaplasia, Hepatocyte | 1 [1.0] | | | |
| Salivary Glands | (50) | (50) | (50) | (50) |
| Atrophy | 1 [2.0] | | 2 [1.5] | |
| Hyperplasia, Lymphoid | 12 [2.0] | 13 [2.0] | 11 [2.0] | 10 [2.0] |
| Inflammation, Chronic Active | | 1 [2.0] | | |
| Mineralization | 1 [1.0] | 2 [1.0] | 1 [1.0] | |
| Necrosis | | 1 [3.0] | | |
| Stomach, Forestomach | (50) | (50) | (50) | (50) |
| Cyst | | | | 1 [2.0] |
| Edema | | 1 [2.0] | 1 [2.0] | |
| Erosion | 4 [2.0] | | 2 [2.0] | |
| Inflammation, Chronic | | 3 [2.0] | 3 [1.7] | 3 [2.0] |
| Ulcer | 2 [2.5] | 2 [3.0] | 5 [2.4] | 1 [2.0] |
| Epithelium, Hyperplasia | 5 [2.4] | 7 [2.4] | 7 [2.1] | 6 [2.3] |
| Stomach, Glandular | (47) | (49) | (49) | (48) |
| Cyst | 2 [2.0] | 1 [2.0] | 13 [2.0] | 5 [2.0] |
| Erosion | 2 [2.0] | 1 [1.0] | 3 [1.7] | 1 [1.0] |

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|-----------------------------------|----------|----------|----------|----------|
| Hemorrhage | | | | 1 [1.0] |
| Inflammation, Acute | 1 [1.0] | | 5 [1.8] | 1 [2.0] |
| Inflammation, Chronic | | | | 2 [2.0] |
| Metaplasia, Squamous | 1 [2.0] | 2 [1.5] | 1 [2.0] | 1 [1.0] |
| Mineralization | | 3 [1.0] | 2 [1.0] | |
| Necrosis | | | 1 [1.0] | |
| Ulcer | 1 [4.0] | 2 [2.5] | | |
| Epithelium, Hyperplasia | 2 [3.5] | 1 [4.0] | | |
| Tooth | (1) | (1) | (0) | (0) |
| Malformation | 1 [2.0] | 1 [2.0] | | |
| CARDIOVASCULAR SYSTEM | | | | |
| Heart | (50) | (50) | (50) | (50) |
| Cardiomyopathy | 11 [1.0] | 7 [1.1] | 8 [1.3] | 4 [1.5] |
| Mineralization | | | 2 [1.0] | 1 [1.0] |
| Thrombosis | | 1 [3.0] | | |
| Artery, Inflammation, Chronic | | | | 1 [2.0] |
| ENDOCRINE SYSTEM | | | | |
| Adrenal Cortex | (50) | (50) | (50) | (49) |
| Accessory Adrenal Cortical Nodule | 2 [2.0] | 1 [1.0] | 2 [1.5] | 8 [1.4] |
| Degeneration, Fatty | 4 [1.0] | 12 [1.7] | 9 [1.4] | 6 [1.3] |
| Hyperplasia | 2 [4.0] | | | |
| Hyperplasia, Focal | 1 [1.0] | 1 [2.0] | 1 [2.0] | |
| Hypertrophy, Focal | 16 [2.1] | 16 [2.1] | 20 [2.1] | 12 [2.3] |
| Capsule, Hyperplasia | 38 [2.1] | 40 [2.0] | 40 [1.7] | 36 [1.8] |
| Adrenal Medulla | (49) | (50) | (50) | (49) |
| Hyperplasia | 4 [1.0] | 2 [1.5] | 1 [1.0] | 5 [1.2] |
| Islets, Pancreatic | (50) | (50) | (50) | (49) |
| Angiectasis | 1 [3.0] | | | |
| Hyperplasia | 28 [1.8] | 23 [1.9] | 28 [1.8] | 19 [1.5] |
| Parathyroid Gland | (48) | (47) | (48) | (45) |
| Cyst | 2 [2.0] | 1 [2.0] | 1 [2.0] | |
| Pituitary Gland | (49) | (49) | (50) | (49) |
| Pars Distalis, Cyst | 4 [2.0] | 4 [2.0] | 5 [2.0] | 3 [2.0] |
| Pars Distalis, Hyperplasia, Focal | | 1 [2.0] | 1 [1.0] | 2 [2.0] |
| Pars Intermedia, Cyst | | | 1 [2.0] | |

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| B6C3F1 MICE MALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|-------------------------------------|----------|----------|----------|----------|
| Thyroid Gland | (50) | (49) | (50) | (49) |
| Cyst | 1 [2.0] | | | |
| Follicle, Degeneration, Focal | | 1 [3.0] | | 2 [3.5] |
| Follicular Cell, Hyperplasia, Focal | | | 1 [2.0] | 1 [1.0] |
| GENERAL BODY SYSTEM | | | | |
| Tissue NOS | (2) | (2) | (2) | (0) |
| Fibrosis | 1 [2.0] | | | |
| GENITAL SYSTEM | | | | |
| Epididymis | (50) | (50) | (50) | (50) |
| Amyloid Deposition, Chronic | | | 1 [2.0] | |
| Angiectasis | | | | 1 [2.0] |
| Fibrosis | | 1 [3.0] | | |
| Granuloma Sperm | | | 2 [3.0] | |
| Hemorrhage | | 1 [3.0] | | |
| Inflammation, Chronic | 1 [2.0] | 3 [2.0] | | 3 [1.3] |
| Necrosis | 1 [3.0] | | | |
| Spermatocele | | 1 [3.0] | | 1 [2.0] |
| Penis | (0) | (0) | (2) | (0) |
| Congestion | | | 1 [2.0] | |
| Inflammation, Acute | | | 1 [1.0] | |
| Preputial Gland | (50) | (50) | (50) | (50) |
| Atrophy | 1 [3.0] | | | |
| Cyst | 3 [2.0] | 3 [2.0] | 7 [2.0] | 5 [2.0] |
| Hyperplasia | | | 1 [2.0] | |
| Hyperplasia, Squamous | 1 [2.0] | | | |
| Inflammation, Chronic | 13 [2.2] | 18 [2.2] | 12 [2.1] | 15 [2.3] |
| Inflammation, Chronic Active | 1 [4.0] | 3 [2.3] | 4 [2.5] | 6 [3.0] |
| Prostate | (50) | (50) | (50) | (48) |
| Angiectasis | | 1 [2.0] | | 1 [2.0] |
| Cyst | | | | 2 [2.5] |
| Inflammation, Chronic | 1 [2.0] | 8 [2.3] | 6 [2.0] | 6 [1.7] |
| Necrosis | 1 [1.0] | | | |
| Polyarteritis | | | | 2 [2.0] |
| Epithelium, Hyperplasia | 27 [1.5] | 20 [1.5] | 16 [1.6] | 25 [1.5] |
| Seminal Vesicle | (50) | (50) | (50) | (49) |

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|------------------------------------|---------|----------|----------|----------|
| Fibrosis | | 1 [3.0] | | 1 [2.0] |
| Infiltration Cellular | 1 [3.0] | | | 2 [3.0] |
| Infiltration Cellular, Lymphocyte | 2 [1.0] | | | |
| Inflammation, Chronic | 1 [1.0] | 4 [2.0] | | 1 [1.0] |
| Epithelium, Hyperplasia | | | | 1 [1.0] |
| Testes | (50) | (50) | (50) | (50) |
| Angiectasis | | | 1 [3.0] | 1 [3.0] |
| Germinal Epithelium, Atrophy | 6 [1.7] | 3 [2.3] | 1 [2.0] | 1 [3.0] |
| Interstitial Cell, Hyperplasia | | | 1 [2.0] | |
| HEMATOPOIETIC SYSTEM | | | | |
| Bone Marrow | (50) | (50) | (50) | (50) |
| Hyperplasia | | | | 1 [2.0] |
| Infiltration Cellular, Histiocyte | | | | 1 [2.0] |
| Myelofibrosis | | | 1 [2.0] | |
| Thrombosis | | | | 1 [3.0] |
| Lymph Node | (5) | (5) | (4) | (6) |
| Hemorrhage | 1 [3.0] | | | |
| Pigmentation | 1 [3.0] | | | |
| Iliac, Hemorrhage | | | 1 [2.0] | 1 [4.0] |
| Iliac, Hyperplasia, Lymphoid | 2 [3.0] | | 1 [2.0] | |
| Inguinal, Hyperplasia | | | | 1 [2.0] |
| Inguinal, Hyperplasia, Lymphoid | 1 [2.0] | | | 1 [3.0] |
| Mediastinal, Hyperplasia, Lymphoid | | 1 [3.0] | | |
| Renal, Hyperplasia, Lymphoid | 1 [3.0] | | | |
| Lymph Node, Mandibular | (49) | (46) | (50) | (49) |
| Atrophy | 3 [1.7] | | | 1 [1.0] |
| Hematopoietic Cell Proliferation | | | | 1 [2.0] |
| Hemorrhage | 1 [2.0] | 1 [2.0] | | |
| Hyperplasia, Lymphoid | 2 [2.0] | 1 [2.0] | | 6 [3.0] |
| Hyperplasia, Plasma Cell | | 1 [4.0] | | 1 [4.0] |
| Lymph Node, Mesenteric | (49) | (44) | (49) | (45) |
| Atrophy | 9 [1.6] | 4 [1.3] | 4 [2.0] | 8 [2.1] |
| Fibrosis | 1 [3.0] | | | 1 [4.0] |
| Hematopoietic Cell Proliferation | 3 [3.0] | | 2 [3.0] | |
| Hemorrhage | 3 [3.7] | 3 [2.3] | 2 [2.0] | 2 [3.5] |
| Hyperplasia, Histiocytic | 1 [3.0] | | | 1 [4.0] |
| Hyperplasia, Lymphoid | 4 [3.0] | 2 [3.5] | 2 [2.5] | 6 [3.7] |

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|-----------------------------------|----------|----------|----------|----------|
| Hyperplasia, Plasma Cell | 2 [2.5] | 2 [3.5] | 2 [3.0] | 4 [4.0] |
| Infiltration Cellular, Neutrophil | 2 [2.5] | 1 [2.0] | 2 [2.0] | 3 [2.3] |
| Inflammation, Chronic | 1 [1.0] | | | 1 [4.0] |
| Spleen | (48) | (47) | (49) | (49) |
| Fibrosis | | | 1 [2.0] | |
| Hematopoietic Cell Proliferation | 11 [3.2] | 16 [3.4] | 16 [3.6] | 20 [3.3] |
| Necrosis | | | | 1 [2.0] |
| Pigmentation | | 1 [2.0] | | |
| Lymphoid Follicle, Atrophy | 1 [2.0] | 4 [2.5] | 2 [2.5] | 2 [1.5] |
| Lymphoid Follicle, Hyperplasia | | 1 [1.0] | 2 [2.0] | 3 [1.3] |
| Thymus | (44) | (48) | (46) | (40) |
| Cyst | 10 [2.0] | 7 [2.0] | 4 [2.0] | 4 [2.0] |

INTEGUMENTARY SYSTEM

| | | | | |
|--|----------|----------|----------|----------|
| Mammary Gland | (50) | (50) | (50) | (50) |
| Infiltration Cellular | | | | 1 [4.0] |
| Skin | (50) | (50) | (50) | (50) |
| Cyst Epithelial Inclusion | | 1 | 1 | |
| Edema | | 2 [2.0] | 1 [2.0] | |
| Hyperkeratosis | 1 [2.0] | 3 [2.7] | 1 [1.0] | 5 [1.0] |
| Hyperplasia, Melanocyte | | 1 [3.0] | | |
| Inflammation, Chronic | | 3 [2.0] | 2 [1.0] | 6 [1.0] |
| Metaplasia, Osseous | | 1 [4.0] | | |
| Ulcer | | 1 [4.0] | 1 [4.0] | |
| Epidermis, Hyperplasia | | 2 [3.5] | | 4 [1.0] |
| Epidermis, Site Of Application, Hyperplasia | 7 [1.1] | 13 [1.5] | 29 [1.2] | 37 [1.6] |
| Prepuce, Hyperkeratosis | | | 1 [3.0] | |
| Site Of Application, Erosion | | 1 [2.0] | | |
| Site Of Application, Fibrosis | | 1 [1.0] | 5 [2.0] | 1 [1.0] |
| Site Of Application, Hyperkeratosis | 17 [1.2] | 19 [1.7] | 26 [1.3] | 40 [1.6] |
| Site Of Application, Hyperplasia, Melanocyte | | 1 [1.0] | 23 [1.2] | 44 [2.2] |
| Site Of Application, Inflammation, Chronic | 1 [1.0] | 8 [1.4] | 15 [1.2] | 43 [1.7] |
| Site Of Application, Ulcer | | 2 [3.0] | 2 [3.5] | 5 [1.6] |
| Site Of Application, Subcutaneous Tissue, Hemorrhage | | | | 1 [2.0] |

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|--|---------|----------|----------|----------|
| Subcutaneous Tissue, Hemorrhage | | | | 1 [2.0] |
| MUSCULOSKELETAL SYSTEM | | | | |
| Bone | (50) | (49) | (50) | (50) |
| Osteopetrosis | | | 1 [3.0] | |
| Cranium, Osteopetrosis | 2 [2.0] | 1 [2.0] | 2 [2.0] | |
| Skeletal Muscle | (1) | (4) | (1) | (1) |
| NERVOUS SYSTEM | | | | |
| Brain | (50) | (50) | (50) | (50) |
| Compression | | | | 1 [2.0] |
| Congestion | 1 [2.0] | | | 1 [2.0] |
| Hemorrhage | 2 [1.0] | 5 [1.0] | 4 [1.3] | 5 [1.4] |
| Hyperplasia, Lymphoid | | 2 [1.0] | | 1 [1.0] |
| Infiltration Cellular, Histiocyte, Focal | | | | 1 [2.0] |
| RESPIRATORY SYSTEM | | | | |
| Lung | (50) | (50) | (50) | (50) |
| Congestion | 2 [3.0] | 3 [2.0] | 1 [1.0] | |
| Hemorrhage | 2 [1.5] | 6 [1.8] | 2 [1.0] | |
| Hyperplasia, Lymphoid | 1 [2.0] | | | 2 [2.0] |
| Infiltration Cellular, Histiocyte | 8 [2.5] | 3 [2.3] | 8 [1.9] | 12 [2.1] |
| Inflammation, Suppurative | 1 [4.0] | | | |
| Inflammation, Chronic | | | 1 [2.0] | |
| Metaplasia, Osseous | 1 [1.0] | | 1 [1.0] | |
| Necrosis | 1 [4.0] | | | |
| Thrombosis | | 1 [1.0] | | |
| Alveolar Epithelium, Hyperplasia | 5 [1.0] | 6 [1.8] | 5 [2.6] | 8 [2.8] |
| Nose | (50) | (50) | (50) | (50) |
| Foreign Body | 1 | | | 3 |
| Inflammation, Suppurative | 1 [2.0] | | | 2 [1.5] |
| Inflammation, Chronic | 6 [1.3] | 6 [1.7] | 5 [2.0] | 3 [1.7] |
| Inflammation, Chronic Active | | | | 2 [2.5] |
| Respiratory Epithelium, Hyperplasia | | | 2 [2.5] | 1 [1.0] |
| Respiratory Epithelium, Metaplasia, | | | 1 [2.0] | |

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|--|----------|----------|-----------------|----------|
| Squamous Trachea Inflammation, Chronic | (50) | (50) | (50) 1 [2.0] | (50) |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | (49) | (48) | (48) | (45) |
| Atrophy | 1 [4.0] | | | 1 [4.0] |
| Fibrosis | | | | 1 [3.0] |
| Inflammation, Chronic | 1 [2.0] | | | 1 [4.0] |
| Inflammation, Chronic Active | | 1 [2.0] | 1 [2.0] | 4 [2.8] |
| Cornea, Hyperplasia | | 1 [2.0] | 1 [2.0] | 4 [3.0] |
| Cornea, Necrosis | | | | 1 [3.0] |
| Retina, Vacuolization Cytoplasmic | | | 1 [2.0] | |
| Harderian Gland | (48) | (50) | (50) | (50) |
| Fibrosis | 1 [2.0] | | | |
| Hyperplasia | | 1 [4.0] | | |
| Hyperplasia, Focal | 2 [2.0] | 2 [2.0] | 1 [1.0] | 3 [2.0] |
| Inflammation, Chronic | 3 [2.0] | 3 [2.0] | | 2 [2.0] |
| Metaplasia, Osseous | | | | 1 [2.0] |
| URINARY SYSTEM | | | | |
| Kidney | (48) | (49) | (49) | (47) |
| Casts Granular | | 2 [2.0] | | |
| Casts Protein | | 1 [1.0] | | |
| Cyst | 15 [2.0] | 13 [2.0] | 7 [2.0] | 9 [2.0] |
| Hyperplasia, Lymphoid | 10 [2.0] | 18 [2.0] | 10 [2.0] | 18 [2.0] |
| Hyperplasia, Oncocytic | 1 [2.0] | | | |
| Infarct | 2 [2.5] | 4 [2.0] | | 2 [2.0] |
| Inflammation, Suppurative | | 1 [2.0] | | |
| Inflammation, Chronic | 1 [1.0] | | | |
| Metaplasia, Osseous | 6 [1.8] | 8 [1.8] | 4 [1.8] | 3 [2.0] |
| Nephropathy | 41 [2.0] | 43 [2.0] | 45 [1.8] | 45 [1.6] |
| Capsule, Fibrosis | | | | 1 [2.0] |
| Capsule, Pigmentation | | | | 1 [2.0] |
| Papilla, Necrosis | 1 [3.0] | 3 [2.0] | | |
| Pelvis, Dilatation | 1 [2.0] | 1 [2.0] | | 1 [2.0] |
| Renal Tubule, Accumulation, Hyaline | | | | 1 [3.0] |

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

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

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE MALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|---------------------------------|---------|----------|----------|----------|
| Droplet | | | | |
| Renal Tubule, Dilatation, Focal | | 1 [1.0] | | 1 [2.0] |
| Renal Tubule, Hyperplasia | 2 [1.0] | 2 [2.5] | 2 [1.0] | |
| Renal Tubule, Necrosis | | | 1 [4.0] | 1 [1.0] |
| Renal Tubule, Pigmentation | | 1 [3.0] | | 1 [1.0] |
| Urethra | (1) | (0) | (0) | (0) |
| Bulbourethral Gland, Necrosis | 1 [4.0] | | | |
| Urinary Bladder | (49) | (48) | (49) | (48) |
| Edema | | 3 [2.7] | | |
| Hemorrhage | 1 [2.0] | | | |
| Hyperplasia, Lymphoid | 1 [2.0] | 2 [2.5] | 1 [2.0] | 1 [2.0] |
| Necrosis | 1 [2.0] | 1 [2.0] | | |

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|----------------------------------|----------|----------|----------|----------|
| Disposition Summary | | | | |
| Animals Initially in Study | 50 | 50 | 50 | 50 |
| Early Deaths | | | | |
| Moribund Sacrifice | 6 | 6 | 10 | 7 |
| Natural Death | 7 | 5 | 9 | 6 |
| Survivors | | | | |
| Terminal Sacrifice | 37 | 39 | 31 | 37 |
| Animals Examined Microscopically | 50 | 50 | 50 | 50 |
| ALIMENTARY SYSTEM | | | | |
| Gallbladder | (44) | (47) | (40) | (43) |
| Intestine Large, Cecum | (47) | (49) | (45) | (46) |
| Edema | | | 1 [2.0] | |
| Intestine Large, Colon | (44) | (47) | (42) | (44) |
| Edema | | 1 [2.0] | 2 [1.5] | |
| Inflammation, Acute | | 1 [1.0] | | |
| Intestine Large, Rectum | (45) | (48) | (43) | (44) |
| Intestine Small, Duodenum | (43) | (47) | (43) | (44) |
| Hyperplasia | | 1 [2.0] | | |
| Ulcer | | 1 [4.0] | | |
| Intestine Small, Ileum | (43) | (45) | (42) | (45) |
| Dilatation | | | 1 [4.0] | |
| Inflammation, Acute | | 2 [2.0] | 1 [2.0] | |
| Epithelium, Hyperplasia | | | 1 [3.0] | |
| Intestine Small, Jejunum | (43) | (46) | (42) | (44) |
| Necrosis | | | 1 [1.0] | |
| Liver | (50) | (50) | (50) | (49) |
| Angiectasis | 3 [2.7] | 3 [2.0] | | |
| Basophilic Focus | 4 | 2 | 3 | 2 |
| Bile Stasis | | 1 [2.0] | 1 [3.0] | |
| Clear Cell Focus | 6 | 3 | 5 | 4 |
| Congestion | | 1 [2.0] | | |
| Eosinophilic Focus | 16 | 13 | 14 | 15 |
| Fatty Change | 1 [3.0] | | | |
| Hematopoietic Cell Proliferation | 13 [1.2] | 15 [1.1] | 6 [1.0] | 8 [1.0] |
| Hemorrhage | 2 [3.0] | 1 [1.0] | 1 [2.0] | |

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

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

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|---------------------------------------|----------|----------|----------|----------|
| Hyperplasia, Lymphoid | 2 [2.0] | 5 [2.0] | 1 [2.0] | 6 [2.0] |
| Infarct | | 1 [4.0] | 1 [3.0] | |
| Inflammation, Chronic | 1 [3.0] | | | |
| Karyomegaly | | | 1 [2.0] | |
| Mixed Cell Focus | 1 | 2 | 2 | |
| Necrosis, Focal | 6 [2.0] | 10 [2.2] | 10 [1.9] | 5 [1.6] |
| Vacuolization Cytoplasmic | | 2 [2.0] | | |
| Centrilobular, Necrosis | 1 [2.0] | 1 [4.0] | | |
| Hepatocyte, Hypertrophy | | | 5 [1.6] | |
| Hepatocyte, Vacuolization Cytoplasmic | 1 [2.0] | 2 [2.5] | | 1 [3.0] |
| Kupffer Cell, Pigmentation | 2 [2.0] | 2 [2.0] | 2 [1.5] | |
| Mesentery | (16) | (22) | (17) | (13) |
| Congestion | 1 [2.0] | | | |
| Fibrosis | 1 [2.0] | | | |
| Hemorrhage | | 1 [2.0] | | 1 [2.0] |
| Fat, Necrosis | 15 [2.1] | 21 [2.0] | 17 [1.8] | 11 [1.9] |
| Pancreas | (50) | (50) | (49) | (47) |
| Atrophy | 2 [2.5] | 4 [2.8] | 1 [1.0] | 3 [4.0] |
| Cyst | | 2 [2.0] | 2 [2.0] | 3 [2.0] |
| Fibrosis | | | 1 [1.0] | |
| Hyperplasia, Lymphoid | 1 [2.0] | | 2 [2.0] | 1 [2.0] |
| Inflammation, Granulomatous, Chronic | | | 1 [4.0] | |
| Active | | | | |
| Inflammation, Focal, Chronic | | 1 [3.0] | | |
| Metaplasia, Hepatocyte | | | 1 [1.0] | |
| Mineralization | | | 1 [2.0] | |
| Necrosis | | 1 [2.0] | | |
| Acinus, Hyperplasia, Focal | 1 [2.0] | | | 1 [2.0] |
| Salivary Glands | (50) | (50) | (50) | (50) |
| Atrophy | 1 [1.0] | | 1 [3.0] | |
| Hyperplasia, Lymphoid | 20 [2.0] | 14 [2.0] | 12 [2.1] | 23 [2.0] |
| Mineralization | 3 [1.0] | 1 [1.0] | | |
| Stomach, Forestomach | (50) | (50) | (50) | (50) |
| Edema | | 1 [1.0] | 1 [4.0] | |
| Erosion | 2 [1.0] | 1 [1.0] | | |
| Inflammation, Chronic | 1 [2.0] | 1 [2.0] | 2 [1.5] | |
| Ulcer | 2 [1.5] | 2 [2.5] | 4 [2.3] | 5 [1.8] |
| Epithelium, Hyperplasia | 6 [2.0] | 7 [2.0] | 10 [2.4] | 4 [2.3] |
| Stomach, Glandular | (48) | (48) | (48) | (46) |
| Cyst | 5 [2.0] | 3 [2.0] | 8 [2.0] | 4 [2.0] |

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

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|-------------------------------------|----------|----------|----------|----------|
| Edema | | | 1 [3.0] | |
| Erosion | | 3 [1.3] | 1 [1.0] | 1 [2.0] |
| Foreign Body | | | | 1 [1.0] |
| Inflammation, Acute | | | | 1 [1.0] |
| Mineralization | 1 [1.0] | 1 [1.0] | 1 [1.0] | 2 [1.5] |
| Ulcer | 1 [2.0] | | 1 [3.0] | |
| Epithelium, Hyperplasia | 1 [2.0] | | 1 [2.0] | |
| CARDIOVASCULAR SYSTEM | | | | |
| Heart | (50) | (50) | (50) | (50) |
| Cardiomyopathy | 8 [1.0] | 12 [1.2] | 10 [1.1] | 9 [1.3] |
| Mineralization | 1 [1.0] | 1 [1.0] | 3 [1.3] | |
| ENDOCRINE SYSTEM | | | | |
| Adrenal Cortex | (50) | (49) | (50) | (50) |
| Accessory Adrenal Cortical Nodule | 6 [1.3] | 2 [2.0] | 4 [1.3] | 1 [1.0] |
| Degeneration, Fatty | 3 [3.3] | 2 [2.5] | 1 [2.0] | 1 [1.0] |
| Hematopoietic Cell Proliferation | 2 [1.5] | | 2 [2.5] | 2 [1.5] |
| Hyperplasia, Focal | 1 [2.0] | 2 [1.0] | 1 [1.0] | |
| Hypertrophy, Focal | | 2 [2.5] | 1 [1.0] | 4 [2.0] |
| Capsule, Hyperplasia | 48 [2.3] | 47 [2.2] | 49 [2.2] | 50 [2.1] |
| Adrenal Medulla | (50) | (49) | (50) | (50) |
| Hyperplasia | 2 [1.5] | 4 [2.3] | 2 [2.0] | 3 [1.7] |
| Islets, Pancreatic | (50) | (50) | (49) | (47) |
| Angiectasis | | | | 1 [3.0] |
| Hyperplasia | 4 [1.0] | 2 [1.5] | 4 [1.3] | 5 [1.2] |
| Parathyroid Gland | (46) | (48) | (46) | (46) |
| Inflammation, Chronic | | | | 1 [2.0] |
| Pituitary Gland | (47) | (49) | (50) | (46) |
| Pars Distalis, Angiectasis | | 2 [2.0] | 2 [3.0] | 1 [3.0] |
| Pars Distalis, Cyst | 1 [2.0] | | 3 [2.0] | 1 [2.0] |
| Pars Distalis, Hyperplasia | 3 [4.0] | 1 [4.0] | | |
| Pars Distalis, Hyperplasia, Focal | 6 [2.7] | 6 [2.3] | 12 [2.1] | 5 [1.6] |
| Pars Intermedia, Cyst | 1 [2.0] | | | |
| Pars Intermedia, Hyperplasia, Focal | 1 [2.0] | | 1 [1.0] | |
| Pars Intermedia, Hypertrophy | | | | 1 [2.0] |
| Thyroid Gland | (49) | (50) | (49) | (47) |

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

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|--|----------|----------|----------|----------|
| Infiltration Cellular, Lymphocyte Inflammation, Acute | 1 [2.0] | | | 1 [2.0] |
| Inflammation, Chronic | | 1 [1.0] | 1 [2.0] | |
| Ultimobranchial Cyst | | | | 1 [2.0] |
| Bilateral, Follicular Cell, Hyperplasia, Diffuse | | 1 [3.0] | | |
| Follicle, Degeneration, Focal | 30 [1.7] | 31 [2.2] | 35 [1.9] | 31 [1.9] |
| Follicular Cell, Hyperplasia | | 1 [1.0] | 1 [3.0] | 2 [1.5] |
| Follicular Cell, Hyperplasia, Focal | 2 [2.0] | 2 [2.5] | 2 [1.5] | |
| GENERAL BODY SYSTEM | | | | |
| Tissue NOS | (3) | (2) | (4) | (0) |
| Fibrosis | 1 [3.0] | | | |
| Abdominal, Fat, Inflammation, Chronic Active | | | 1 [2.0] | |
| GENITAL SYSTEM | | | | |
| Clitoral Gland | (48) | (49) | (50) | (46) |
| Inflammation, Chronic | 2 [3.0] | 1 [3.0] | | 1 [3.0] |
| Ovary | (49) | (50) | (48) | (50) |
| Angiectasis | 1 [2.0] | 1 [3.0] | | 1 [3.0] |
| Cyst | 9 [2.0] | 17 [2.0] | 6 [2.0] | 10 [2.0] |
| Hemorrhage | 9 [2.7] | 15 [2.1] | 17 [2.1] | 18 [2.0] |
| Inflammation, Chronic | | | 1 [4.0] | |
| Mineralization | | | 1 [2.0] | |
| Thrombosis | 1 [3.0] | 2 [4.0] | 5 [3.2] | 3 [3.3] |
| Interstitial Cell, Hyperplasia | 3 [2.3] | | 1 [3.0] | |
| Uterus | (50) | (50) | (49) | (50) |
| Angiectasis | 1 [2.0] | 1 [2.0] | | |
| Hemorrhage | 1 [4.0] | | 1 [3.0] | 1 [4.0] |
| Hyperplasia, Cystic | 49 [3.4] | 46 [3.2] | 43 [3.2] | 47 [3.1] |
| Hyperplasia, Histiocytic | | | | 1 [4.0] |
| Metaplasia, Osseous | | | | 1 [1.0] |
| Pigmentation | | 1 [3.0] | | |
| Myometrium, Hypertrophy | | | 1 [3.0] | |
| Vagina | (1) | (2) | (1) | (0) |
| Hyperplasia, Squamous | | 1 [3.0] | | |

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Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|---|----------|--------------------|----------|----------|
| Inflammation, Chronic Necrosis | | 1 [4.0] 1 [4.0] | | |
| HEMATOPOIETIC SYSTEM | | | | |
| Bone Marrow | (50) | (50) | (50) | (50) |
| Angiectasis | | | 1 [3.0] | 1 [2.0] |
| Hyperplasia, Megakaryocyte Infiltration Cellular, Histiocyte | | | 1 [2.0] | 1 [3.0] |
| Myelofibrosis | 1 [2.0] | | | 1 [2.0] |
| Myeloid Cell, Hyperplasia | | | 1 [3.0] | 1 [2.0] |
| Lymph Node | (13) | (11) | (15) | (14) |
| Ectasia | 2 [2.5] | 3 [3.7] | 6 [3.8] | 3 [3.7] |
| Fibrosis | | | | 1 [2.0] |
| Hematopoietic Cell Proliferation | | 1 [4.0] | | |
| Hemorrhage | 1 [3.0] | 3 [3.7] | 4 [2.8] | 2 [3.5] |
| Hyperplasia, Lymphoid | | | | 1 [4.0] |
| Bronchial, Hyperplasia, Lymphoid | | 1 [2.0] | | |
| Iliac, Ectasia | 2 [2.5] | | 2 [2.0] | 1 [4.0] |
| Iliac, Hemorrhage | 1 [2.0] | | 1 [3.0] | 1 [4.0] |
| Iliac, Hyperplasia, Lymphoid | | | 1 [2.0] | 1 [2.0] |
| Iliac, Infiltration Cellular, Histiocyte | | | 1 [4.0] | |
| Renal, Ectasia | | | 1 [2.0] | |
| Renal, Hyperplasia, Lymphoid | 1 [2.0] | | 1 [2.0] | |
| Renal, Infiltration Cellular, Histiocyte | | | 1 [4.0] | |
| Lymph Node, Mandibular | (50) | (48) | (46) | (50) |
| Atrophy | 2 [2.5] | 1 [2.0] | | 4 [2.5] |
| Ectasia | | | | 1 [2.0] |
| Hemorrhage | | 2 [1.0] | | |
| Hyperplasia, Histiocytic | | | 1 [3.0] | |
| Hyperplasia, Lymphoid | 11 [1.9] | 7 [1.9] | 4 [2.5] | 2 [2.0] |
| Lymph Node, Mesenteric | (47) | (49) | (45) | (48) |
| Atrophy | 5 [2.2] | 3 [1.7] | 2 [2.0] | 6 [2.2] |
| Ectasia | | | 1 [3.0] | |
| Hematopoietic Cell Proliferation | | 2 [2.0] | 1 [2.0] | |
| Hemorrhage | | | | 1 [2.0] |
| Hyperplasia, Lymphoid | 1 [4.0] | 1 [3.0] | | |
| Hyperplasia, Plasma Cell | 1 [2.0] | 1 [3.0] | | |
| Infiltration Cellular, Neutrophil | 1 [1.0] | 1 [2.0] | | |

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Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|--|----------|----------|----------|----------|
| Spleen | (49) | (50) | (48) | (48) |
| Angiectasis | 1 [4.0] | | | |
| Hematopoietic Cell Proliferation | 27 [2.9] | 28 [2.9] | 31 [3.2] | 26 [2.8] |
| Hyperplasia, Lymphoid | | | 1 [3.0] | 1 [1.0] |
| Pigmentation | 8 [1.4] | 5 [2.2] | 9 [1.6] | 3 [2.3] |
| Lymphoid Follicle, Atrophy | 1 [4.0] | | 1 [1.0] | 2 [3.0] |
| Lymphoid Follicle, Hyperplasia | 26 [1.5] | 20 [1.9] | 19 [1.8] | 23 [1.6] |
| Thymus | (50) | (46) | (46) | (48) |
| Cyst | 2 [2.0] | 1 [2.0] | 4 [2.0] | 4 [2.0] |
| Hemorrhage | 6 [2.3] | 7 [2.0] | 10 [1.6] | 9 [1.4] |
| Hyperplasia, Lymphoid | 1 [3.0] | | | 1 [3.0] |
| INTEGUMENTARY SYSTEM | | | | |
| Mammary Gland | (50) | (50) | (50) | (50) |
| Hyperplasia | 4 [1.5] | 3 [2.0] | 4 [1.3] | 4 [2.5] |
| Infiltration Cellular, Lymphocyte | | 1 [2.0] | | |
| Inflammation, Chronic | | 1 [2.0] | | |
| Pigmentation | | | | 1 [2.0] |
| Skin | (50) | (50) | (50) | (50) |
| Edema | 1 [2.0] | 3 [2.7] | 2 [4.0] | 1 [2.0] |
| Hemorrhage | 1 [3.0] | 1 [4.0] | | |
| Hyperkeratosis | 3 [2.7] | 4 [1.3] | 3 [1.0] | 12 [1.4] |
| Hyperplasia, Melanocyte | 1 [3.0] | | 2 [1.5] | 3 [1.3] |
| Inflammation, Acute | | 2 [2.5] | | |
| Inflammation, Chronic | 1 [1.0] | 4 [1.3] | 7 [1.0] | 18 [1.2] |
| Inflammation, Chronic Active | 1 [3.0] | | | |
| Ulcer | 1 [3.0] | | | |
| Epidermis, Hyperplasia | 2 [3.0] | 2 [1.0] | 2 [1.5] | 9 [1.2] |
| Epidermis, Site Of Application, Hyperplasia | 7 [1.3] | 11 [1.0] | 31 [1.5] | 33 [1.7] |
| Site Of Application, Erosion | 1 [2.0] | | 1 [2.0] | 1 [3.0] |
| Site Of Application, Hemorrhage | | 1 [2.0] | | |
| Site Of Application, Hyperkeratosis | 9 [1.4] | 16 [1.4] | 37 [1.6] | 36 [1.7] |
| Site Of Application, Hyperplasia | | | | 1 [3.0] |
| Site Of Application, Hyperplasia, Melanocyte | 3 [1.0] | 3 [1.0] | 33 [1.2] | 36 [2.1] |
| Site Of Application, Inflammation, Acute | | 1 [2.0] | | |
| Site Of Application, Inflammation, | 7 [1.3] | 11 [1.3] | 33 [1.5] | 38 [1.6] |

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Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|--|----------|----------|----------|----------|
| Chronic | | | | |
| Site Of Application, Ulcer | | | 2 [2.5] | 4 [3.3] |
| Site Of Application, Subcutaneous Tissue, Metaplasia, Osseous | | | | 1 [2.0] |
| Subcutaneous Tissue, Hemorrhage | | | 1 [2.0] | |
| Subcutaneous Tissue, Necrosis | | | 1 [2.0] | |
| MUSCULOSKELETAL SYSTEM | | | | |
| Bone | (49) | (50) | (50) | (50) |
| Cranium, Fibrosis | 2 [1.5] | 1 [3.0] | | 1 [3.0] |
| Cranium, Osteopetrosis | | 1 [1.0] | 1 [2.0] | 2 [1.0] |
| Femur, Fibro-Osseous Lesion | 12 [1.9] | 7 [1.3] | 12 [1.9] | 10 [1.2] |
| Femur, Hyperostosis | | 5 [1.8] | 1 [2.0] | 6 [1.7] |
| Vertebra, Arthrosis | | | | 1 [3.0] |
| Skeletal Muscle | (3) | (2) | (2) | (3) |
| Degeneration | 1 [1.0] | | | |
| Inflammation, Chronic | | 1 [1.0] | | |
| NERVOUS SYSTEM | | | | |
| Brain | (50) | (50) | (50) | (50) |
| Compression | | 3 [3.3] | 2 [3.5] | 3 [2.7] |
| Gliosis | | | | 1 [1.0] |
| Hemorrhage | 4 [1.3] | 2 [1.5] | 2 [1.0] | 2 [1.0] |
| Hyperplasia, Lymphoid | 3 [1.7] | 2 [1.0] | 2 [1.0] | 3 [1.3] |
| Infiltration Cellular, Lipocyte | | | 1 [2.0] | |
| Inflammation, Acute | | | 1 [1.0] | |
| Inflammation, Chronic | | | | 1 [2.0] |
| Metaplasia, Osseous | | | | 1 [2.0] |
| Necrosis, Focal | | | 1 [2.0] | 2 [2.0] |
| Meninges, Inflammation, Chronic | 1 [2.0] | | | |
| Peripheral Nerve | (1) | (1) | (0) | (0) |
| Degeneration | 1 [2.0] | | | |
| Inflammation, Chronic | 1 [2.0] | | | |
| RESPIRATORY SYSTEM | | | | |

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Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|-----------------------------------|---------|----------|----------|----------|
| Lung | (50) | (50) | (49) | (50) |
| Congestion | 1 [2.0] | 1 [2.0] | 1 [2.0] | 2 [2.0] |
| Fibrosis | | | | 1 [1.0] |
| Hemorrhage | 2 [2.0] | 6 [1.5] | 3 [1.0] | 1 [1.0] |
| Hyperplasia, Lymphoid | | | | 2 [2.0] |
| Infiltration Cellular, Histiocyte | 5 [2.0] | 3 [2.3] | 3 [2.0] | 4 [2.0] |
| Metaplasia, Osseous | | 1 [2.0] | | |
| Mineralization | 1 [1.0] | | | |
| Thrombosis | 1 [2.0] | | | |
| Alveolar Epithelium, Hyperplasia | 5 [1.6] | 8 [1.8] | 3 [2.3] | 6 [1.8] |
| Nose | (50) | (50) | (50) | (50) |
| Foreign Body | | | 1 [1.0] | |
| Hemorrhage | | 1 [2.0] | | |
| Inflammation, Chronic | 1 [3.0] | 2 [1.5] | 2 [2.0] | |
| Glands, Cyst | | 1 [2.0] | | |
| Pleura | (1) | (0) | (0) | (1) |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | (47) | (50) | (48) | (47) |
| Developmental Malformation | | | | 1 [2.0] |
| Inflammation, Chronic | | 2 [1.0] | 1 [2.0] | 1 [2.0] |
| Bilateral, Hemorrhage | | 1 [4.0] | | |
| Bilateral, Retinal Detachment | | 1 [4.0] | | |
| Bilateral, Optic Nerve, Necrosis | | 1 [4.0] | | |
| Cornea, Hyperplasia | | 2 [1.0] | 3 [1.3] | 1 [2.0] |
| Cornea, Inflammation, Chronic | | | 1 [2.0] | |
| Retina, Degeneration | | 2 [1.5] | | |
| Harderian Gland | (50) | (50) | (49) | (49) |
| Cyst | | | | 1 [2.0] |
| Fibrosis | | | 1 [3.0] | |
| Hyperplasia | 1 [3.0] | | | |
| Hyperplasia, Focal | 2 [2.0] | 5 [2.4] | 5 [2.8] | |
| Inflammation, Chronic | 8 [2.0] | 1 [2.0] | 3 [2.0] | 3 [2.0] |
| Bilateral, Hemorrhage | | 1 [4.0] | | |
| URINARY SYSTEM | | | | |
| Kidney | (49) | (50) | (48) | (47) |

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

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

Test Type: CHRONIC

Methyl trans-styryl ketone

Time Report Requested: 14:36:21

Route: SKIN APPLICATION

CAS Number: 1896-62-4

First Dose M/F: 04/26/04 / 04/26/04

Species/Strain: MICE/B6C3F1

Lab: SRI

| B6C3F1 MICE FEMALE | 0 MG/KG | 10 MG/KG | 30 MG/KG | 90 MG/KG |
|---|----------|----------|----------|----------|
| Casts Protein | | | 1 [1.0] | |
| Cyst | 2 [2.0] | 1 [2.0] | | 3 [2.0] |
| Hemorrhage | | | | 1 [2.0] |
| Hyperplasia, Lymphoid | 15 [2.1] | 14 [2.0] | 16 [2.1] | 11 [2.1] |
| Infarct | 1 [1.0] | 7 [1.7] | 6 [2.2] | 3 [2.0] |
| Infiltration Cellular, Lipocyte | 1 [2.0] | | | |
| Metaplasia, Osseous | 2 [2.0] | 3 [1.3] | 3 [1.7] | 2 [3.0] |
| Mineralization | 8 [1.1] | 1 [1.0] | 2 [1.0] | 2 [1.0] |
| Nephropathy | 31 [1.4] | 37 [1.2] | 36 [1.5] | 30 [1.2] |
| Papilla, Necrosis | | | 1 [1.0] | |
| Pelvis, Dilatation | 1 [3.0] | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | 1 [3.0] | 3 [3.3] | 2 [2.0] | |
| Renal Tubule, Dilatation, Focal | | | 1 [1.0] | |
| Renal Tubule, Necrosis | | 1 [1.0] | | |
| Urinary Bladder | (49) | (50) | (48) | (48) |
| Hyperplasia, Lymphoid | 11 [2.1] | 6 [2.0] | 10 [2.0] | 8 [2.3] |
| Inflammation, Chronic | | | 1 [2.0] | |
| Transitional Epithelium, Hyperplasia | | | 1 [1.0] | |

*** END OF REPORT ***