

Experiment Number: 95003 - 02

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

Date Report Requested: 08/31/2016

Test Type: 90-DAY

Methyl trans-styryl ketone

Time Report Requested: 11:36:31

Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: 12/20/01 / 12/21/01

Species/Strain: MICE/B6C3F1

Lab: MBA

NTP Study Number: C95003B
Lock Date: 01/08/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
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Disposition Summary

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

ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(10)	(10)	(9)	(10)	(10)
Tongue	(10)	(0)	(0)	(0)	(0)	(10)

CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Subcapsular, Hyperplasia, Focal	2 [1.0]					4 [1.0]

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

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

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Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(2)	(0)	(0)	(0)	(0)	(2)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(9)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(9)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(9)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(9)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 [1.0]					2 [1.0]
Atrophy, Focal	1 [1.0]					
Cyst						1 [1.0]
Necrosis	2 [2.0]					1 [2.0]
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(0)	(10)

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Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Atrophy					1 [1.0]	10 [1.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Renal Tubule, Nephropathy	1 [1.0]				1 [1.0]	
Renal Tubule, Vacuolization Cytoplasmic	10 [2.6]	10 [2.5]	10 [2.2]	10 [2.2]	9 [2.0]	10 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

*** END OF MALE ***

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Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death	1					
Survivors						
Terminal Sacrifice	9	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(9)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(7)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(9)	(0)	(0)	(0)	(0)	(10)
Liver	(9)	(0)	(0)	(0)	(0)	(10)
Hepatocyte, Necrosis, Focal	1 [1.0]					1 [1.0]
Pancreas	(9)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(9)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(9)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(9)	(10)	(10)	(10)	(10)	(9)
Tongue	(9)	(0)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(9)	(0)	(0)	(0)	(0)	(10)
Heart	(9)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(9)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 MICE FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Subcapsular, Hyperplasia, Focal	9 [1.0]					10 [1.0]
Adrenal Medulla	(9)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(8)
Pituitary Gland	(9)	(0)	(0)	(0)	(0)	(6)
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(5)	(0)	(0)	(0)	(0)	(9)
Ovary	(9)	(0)	(0)	(0)	(0)	(10)
Uterus	(9)	(0)	(0)	(0)	(0)	(10)
Endometrium, Hyperplasia, Cystic	9 [1.2]					8 [1.0]

HEMATOPOIETIC SYSTEM

Bone Marrow	(9)	(0)	(0)	(0)	(0)	(10)
Lymph Node	(1)	(0)	(0)	(0)	(0)	(0)
Inguinal, Hyperplasia, Lymphoid	1 [2.0]					
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(9)	(0)	(0)	(0)	(0)	(10)
Spleen	(9)	(0)	(0)	(0)	(0)	(10)
Thymus	(9)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 [1.0]					3 [1.0]
Necrosis	2 [1.0]					2 [1.0]

INTEGUMENTARY SYSTEM

Mammary Gland	(9)	(0)	(0)	(0)	(0)	(10)
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Lab: MBA

B6C3F1 MICE FEMALE	VEHICLE CONTROL	0.025%	0.05%	0.1%	0.2%	0.4%
Skin	(9)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(9)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(9)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(9)	(0)	(0)	(0)	(0)	(10)
Perivascular, Inflammation, Chronic Active						1 [2.0]
Nose	(9)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Atrophy						10 [1.0]
Trachea	(8)	(0)	(0)	(0)	(0)	(9)
SPECIAL SENSES SYSTEM						
Eye	(9)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(9)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(9)	(10)	(10)	(10)	(10)	(10)
Renal Tubule, Nephropathy						1 [1.0]
Urinary Bladder	(9)	(0)	(0)	(0)	(0)	(10)

*** END OF REPORT ***

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