

TDMS No. 20302 - 04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

ALPHA-PINENE

CAS Number: 80-56-8

Pathologist: GRUMBEIN, S. - LIEUALLEN, W.

F1_M3

Date Report Requested: 11/17/2006

Time Report Requested: 07:28:41

First Dose M/F: 03/28/05 / 03/28/05

Lab: BNW

C Number: C20302

Lock Date: 12/07/2005

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

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Lab: BNW

B6C3F1 MICE MALE	control	25 ppm	50 ppm	100 ppm	200 ppm
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Gallbladder	(9)	(0)	(0)	(0)	(0)
Infiltration Cellular, Polymorphonuclear					
Pancreas	(10)	(0)	(0)	(1)	(0)
Duct, Cyst				1 (100%)	
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Hypertrophy	2 (20%)				
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOPOIETIC SYSTEM					
None					

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

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INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(10)	(10)	(10)	(10)	(10)
Dilatation			1 (10%)	1 (10%)	
Nephropathy			1 (10%)	1 (10%)	
Urinary Bladder	(10)	(10)	(10)	(10)	(10)
Transitional Epithelium, Hyperplasia				7 (70%)	10 (100%)

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Lab: BNW

B6C3F1 MICE MALE

400 ppm

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Gallbladder	(7)
Infiltration Cellular, Polymorphonuclear	1 (14%)
Pancreas	(10)
Duct, Cyst	

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Hypertrophy	

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

None

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B6C3F1 MICE MALE

400 ppm

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

Kidney	(10)
Dilatation	
Nephropathy	1 (10%)
Urinary Bladder	(10)
Transitional Epithelium, Hyperplasia	10 (100%)

*** END OF MALE ***

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B6C3F1 MICE FEMALE	control	25 ppm	50 ppm	100 ppm	200 ppm
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Stomach, Glandular Mineralization	(10)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary	(10)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					

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B6C3F1 MICE FEMALE	control	25 ppm	50 ppm	100 ppm	200 ppm
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung	(10)	(0)	(0)	(0)	(0)
Alveolar Epithelium, Hyperplasia					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(10)	(10)	(10)	(10)	(10)
Nephropathy	2 (20%)		1 (10%)		
Urinary Bladder	(10)	(10)	(10)	(10)	(10)
Transitional Epithelium, Hyperplasia				6 (60%)	10 (100%)

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B6C3F1 MICE FEMALE

400 ppm

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Stomach, Glandular	(10)
Mineralization	1 (10%)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Ovary	(10)
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HEMATOPOIETIC SYSTEM

None

INTEGUMENTARY SYSTEM

None

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400 ppm

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

Lung	(10)
Alveolar Epithelium, Hyperplasia	1 (10%)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

Kidney	(10)
Nephropathy	1 (10%)
Urinary Bladder	(10)
Transitional Epithelium, Hyperplasia	10 (100%)

*** END OF REPORT ***