

Experiment Number: 99019 - 01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

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

Triethylamine

CAS Number: 121-44-8

Date Report Requested: 12/22/2016

Time Report Requested: 13:24:37

First Dose M/F: 09/23/02 / 09/23/02

Lab: BNW

Final 2_R2

NTP Study Number: C99019
Lock Date: 09/16/2003
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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FISCHER 344 RATS MALE	CONTROL	100 PPM	200 PPM	400 PPM	800 PPM	1000 PPM
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Disposition Summary

Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death					5	5
Survivors						
Terminal Sacrifice	5	5	5	5		
Animals Examined Microscopically	5	5	5	5	5	5

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

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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FISCHER 344 RATS MALE	CONTROL	100 PPM	200 PPM	400 PPM	800 PPM	1000 PPM
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
Alveolus, Infiltration Cellular, Histiocyte, Focal	2 (40%)		1 (20%)	1 (20%)		
Bronchus, Degeneration			4 (80%)	5 (100%)		
Bronchus, Inflammation, Suppurative				5 (100%)		
Bronchus, Necrosis					5 (100%)	5 (100%)
Bronchus, Regeneration				5 (100%)		
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Foreign Body				1 (20%)		
Inflammation, Suppurative		1 (20%)	4 (80%)	5 (100%)		
Olfactory Epithelium, Atrophy		3 (60%)	4 (80%)	3 (60%)		
Olfactory Epithelium, Respiratory Epithelium, Necrosis					5 (100%)	5 (100%)
Respiratory Epithelium, Hyperplasia		4 (80%)	5 (100%)	5 (100%)		
Respiratory Epithelium, Metaplasia, Squamous			2 (40%)	5 (100%)		
Respiratory Epithelium, Ulcer				5 (100%)		
Turbinate, Necrosis				4 (80%)		
SPECIAL SENSES SYSTEM						
Eye	(5)	(5)	(5)	(4)	(5)	(5)

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FISCHER 344 RATS MALE	CONTROL	100 PPM	200 PPM	400 PPM	800 PPM	1000 PPM
Anterior Chamber, Proteinaceous Fluid					1 (20%)	2 (40%)
Cornea, Necrosis			1 (20%)		5 (100%)	4 (80%)
Cornea, Vesicle, Subepithelial		1 (20%)	2 (40%)		1 (20%)	
Cornea, Epithelium, Ulcer					3 (60%)	4 (80%)
Cornea, Epithelium, Vacuolation					5 (100%)	5 (100%)
Epithelium, Iris, Vacuolation					1 (20%)	
Iris, Necrosis					2 (40%)	3 (60%)
Lens, Cataract					1 (20%)	2 (40%)
Retina, Dysplasia	1 (20%)	1 (20%)	1 (20%)			

URINARY SYSTEM

None

*** END OF MALE ***

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FISCHER 344 RATS FEMALE	CONTROL	100 PPM	200 PPM	400 PPM	800 PPM	1000 PPM
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Disposition Summary

Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death					5	5
Survivors						
Terminal Sacrifice	5	5	5	5		
Animals Examined Microscopically	5	5	5	5	5	5

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

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None

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INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
Alveolus, Infiltration Cellular, Histiocyte, Focal			1 (20%)			
Bronchiole, Degeneration				1 (20%)		
Bronchus, Degeneration			4 (80%)	5 (100%)		
Bronchus, Inflammation, Suppurative				5 (100%)		
Bronchus, Necrosis					5 (100%)	5 (100%)
Bronchus, Regeneration				5 (100%)		
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Suppurative		1 (20%)	1 (20%)	5 (100%)		
Olfactory Epithelium, Atrophy		2 (40%)	4 (80%)	3 (60%)		
Olfactory Epithelium, Respiratory Epithelium, Necrosis					5 (100%)	5 (100%)
Respiratory Epithelium, Hyperplasia		4 (80%)	4 (80%)	3 (60%)		
Respiratory Epithelium, Metaplasia, Squamous				5 (100%)		
Respiratory Epithelium, Ulcer				4 (80%)		
Turbinate, Necrosis				3 (60%)		
SPECIAL SENSES SYSTEM						
Eye	(5)	(5)	(5)	(5)	(5)	(5)

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FISCHER 344 RATS FEMALE	CONTROL	100 PPM	200 PPM	400 PPM	800 PPM	1000 PPM
Anterior Chamber, Proteinaceous Fluid						1 (20%)
Conjunctiva, Epithelium, Vacuolation					1 (20%)	
Cornea, Necrosis		1 (20%)	1 (20%)		1 (20%)	1 (20%)
Cornea, Vesicle, Subepithelial		2 (40%)	2 (40%)	2 (40%)		
Cornea, Epithelium, Ulcer						1 (20%)
Cornea, Epithelium, Vacuolation					4 (80%)	4 (80%)
Epithelium, Iris, Vacuolation					1 (20%)	2 (40%)
Iris, Necrosis					1 (20%)	
Lens, Cataract					1 (20%)	1 (20%)

URINARY SYSTEM

None

*** END OF REPORT ***

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