

Experiment Number: 20303 - 01

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

Date Report Requested: 09/15/2016

Test Type: 14-DAY

Vinylidene Chloride

Time Report Requested: 09:38:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 75-35-4

First Dose M/F: 06/14/04 / 06/14/04

Species/Strain: RATS/F 344/N

Lab: BNW

NTP Study Number: C20303
Lock Date: 06/01/2005
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

25 PPM

50 PPM

100 PPM

200 PPM

400PPM

Disposition Summary

Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Moribund Sacrifice		1				
Natural Death					5	5
Survivors						
Terminal Sacrifice	5	4	5	5		
Animals Examined Microscopically	5	5	5	5	5	5

ALIMENTARY SYSTEM

Liver	(5)	(5)	(5)	(5)	(5)	(5)
Infiltration Cellular, Mixed Cell Centrilobular, Necrosis		1 [2.0]		2 [2.0]	5 [4.0]	5 [4.0]
Centrilobular, Hepatocyte, Degeneration		4 [2.8]	5 [3.0]	5 [3.0]		
Pancreas	(0)	(1)	(0)	(0)	(0)	(0)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Testes	(0)	(0)	(0)	(0)	(1)	(1)
Hemorrhage					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)

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FISCHER 344 RATS MALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400PPM
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(0)	(0)	(0)	(1)	(0)
Deep Cervical, Hemorrhage					1 [3.0]	
Lymph Node, Mediastinal	(0)	(0)	(1)	(0)	(0)	(0)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(1)
Hemorrhage						1 [3.0]
Thymus	(0)	(0)	(0)	(0)	(0)	(3)
Hemorrhage						3 [3.0]
Necrosis, Lymphoid						2 [2.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Hemorrhage						1 [3.0]
Alveolus, Infiltration Cellular, Histiocyte	1 [1.0]			1 [1.0]		
Nose	(5)	(0)	(0)	(5)	(5)	(5)
Inflammation, Suppurative, Acute						1 [2.0]

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FISCHER 344 RATS MALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400PPM
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SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Anterior Chamber, Inflammation, Acute						1 [3.0]
Cornea, Degeneration, Focal					2 [2.0]	
Cornea, Infiltration Cellular, Mononuclear Cell, Focal						1 [4.0]
Iris, Inflammation, Suppurative					2 [1.5]	
<hr/>						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(5)	(5)	(5)
Papilla, Renal Tubule, Casts					5 [3.2]	4 [2.5]
Urinary Bladder	(0)	(0)	(0)	(0)	(1)	(0)

*** END OF MALE ***

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FISCHER 344 RATS FEMALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400 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

Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(2)
Hemorrhage						1 [4.0]
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(1)
Intestine Large, Rectum	(0)	(0)	(0)	(0)	(0)	(1)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(1)	(1)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(1)	(1)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(1)	(1)
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Hepatodiaphragmatic Nodule						1 [3.0]
Centrilobular, Necrosis					5 [4.0]	5 [4.0]
Centrilobular, Hepatocyte, Degeneration		5 [2.4]	5 [3.0]	5 [2.6]		
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(2)
Hemorrhage						1 [4.0]
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(1)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

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100 PPM

200 PPM

400 PPM

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric

(0)

(0)

(1)

(0)

(0)

(0)

Thymus

(0)

(0)

(0)

(0)

(3)

(3)

Hemorrhage

3 [2.7]

3 [3.0]

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

Brain

(0)

(0)

(0)

(0)

(0)

(1)

Hemorrhage

1 [4.0]

RESPIRATORY SYSTEM

Lung

(5)

(0)

(1)

(5)

(5)

(5)

Hemorrhage

1 [1.0]

2 [2.0]

Alveolus, Infiltration Cellular, Histiocyte

1 [1.0]

1 [1.0]

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FISCHER 344 RATS FEMALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400 PPM
Alveolus, Infiltration Cellular, Mixed Cell, Focal Nose	1 [1.0] (5)	(0)	(0)	(5)	(5)	(5)
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SPECIAL SENSES SYSTEM						
Eye Cornea, Degeneration, Focal	(5)	(0)	(0)	(5)	(5)	(5) 1 [2.0]
<hr/>						
URINARY SYSTEM						
Kidney Papilla, Renal Tubule, Casts	(5)	(0)	(0)	(5)	(5) 5 [3.0]	(5) 5 [3.2]

*** END OF REPORT ***

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