

Experiment Number: 20303 - 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)

Vinylidene Chloride

CAS Number: 75-35-4

Date Report Requested: 09/15/2016

Time Report Requested: 09:38:38

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

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 (20%)		2 (40%)	5 (100%)	5 (100%)
Centrilobular, Hepatocyte, Degeneration		4 (80%)	5 (100%)	5 (100%)		
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 (100%)	1 (100%)

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

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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 (100%)	
Lymph Node, Mediastinal	(0)	(0)	(1)	(0)	(0)	(0)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(1)
Hemorrhage						1 (100%)
Thymus	(0)	(0)	(0)	(0)	(0)	(3)
Hemorrhage						3 (100%)
Necrosis, Lymphoid						2 (67%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Hemorrhage						1 (20%)
Alveolus, Infiltration Cellular, Histiocyte	1 (20%)			1 (20%)		
Nose	(5)	(0)	(0)	(5)	(5)	(5)
Inflammation, Suppurative, Acute						1 (20%)

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FISCHER 344 RATS MALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400PPM
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Anterior Chamber, Inflammation, Acute						1 (20%)
Cornea, Degeneration, Focal					2 (40%)	
Cornea, Infiltration Cellular, Mononuclear Cell, Focal						1 (20%)
Iris, Inflammation, Suppurative					2 (40%)	
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(5)	(5)	(5)
Papilla, Renal Tubule, Casts					5 (100%)	4 (80%)
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
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 (50%)
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 (20%)
Centrilobular, Necrosis					5 (100%)	5 (100%)
Centrilobular, Hepatocyte, Degeneration		5 (100%)	5 (100%)	5 (100%)		
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(2)
Hemorrhage						1 (50%)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						

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FISCHER 344 RATS FEMALE	CONTROL	25 PPM	50 PPM	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 (100%)	3 (100%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(0)	(0)	(0)	(0)	(0)	(1)
Hemorrhage						1 (100%)
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(1)	(5)	(5)	(5)
Hemorrhage			1 (100%)			2 (40%)
Alveolus, Infiltration Cellular, Histiocyte	1 (20%)			1 (20%)		

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Alveolus, Infiltration Cellular, Mixed Cell, Focal Nose	1 (20%) (5)	(0)	(0)	(5)	(5)	(5)
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SPECIAL SENSES SYSTEM						
Eye Cornea, Degeneration, Focal	(5)	(0)	(0)	(5)	(5)	(5) 1 (20%)
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URINARY SYSTEM						
Kidney Papilla, Renal Tubule, Casts	(5)	(0)	(0)	(5)	(5) 5 (100%)	(5) 5 (100%)

*** END OF REPORT ***

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