

Experiment Number: 20303-01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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

Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 10/22/2014

Time Report Requested: 13:39:26

First Dose M/F: NA / NA

Lab: BNW

C Number:	C20303
Lock Date:	06/01/2005
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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F 344/N Rat 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)
Centrilobular, Hepatocyte, Degeneration		4 [2.8]	5 [3.0]	5 [3.0]		
Centrilobular, Necrosis		1 [2.0]			5 [4.0]	5 [4.0]
Infiltration Cellular, Mixed Cell				2 [2.0]		
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]
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(0)	(0)	(0)	(1)	(0)
Deep Cervical, Hemorrhage					1 [3.0]	

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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Lymph Node, Mediastinal	(0)	(0)	(1)	(0)	(0)	(0)
Lymph Node, Mesenteric Hemorrhage	(0)	(0)	(0)	(0)	(0)	(1)
Thymus Hemorrhage	(0)	(0)	(0)	(0)	(0)	1 [3.0]
Necrosis, Lymphoid						(3)
						3 [3.0]
						2 [2.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Alveolus, Infiltration Cellular, Histiocyte Hemorrhage	1 [1.0]			1 [1.0]		1 [3.0]
Nose	(5)	(0)	(0)	(5)	(5)	(5)
Inflammation, Suppurative, Acute						1 [2.0]
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Antr Chamber, Inflammation, Acute						1 [3.0]
Cornea, Degeneration, Focal					2 [2.0]	
Cornea, Infiltration Cellular, Mononuclear Cl, Focal						1 [4.0]
Iris, Inflammation, Suppurative					2 [1.5]	
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(5)	(5)	(5)

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Papilla, Renal Tubule, Casts					5 [3.2]	4 [2.5]
Urinary Bladder	(0)	(0)	(0)	(0)	(1)	(0)

END OF MALE DATA

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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)
Centrilobular, Hepatocyte, Degeneration		5 [2.4]	5 [3.0]	5 [2.6]		
Centrilobular, Necrosis					5 [4.0]	5 [4.0]
Hepatodiaphragmatic Nodule						1 [3.0]
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						
GENERAL BODY SYSTEM						

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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)
Alveolus, Infiltration Cellular, Histiocyte	1 [1.0]			1 [1.0]		
Alveolus, Infiltration Cellular, Mixed Cell, Focal	1 [1.0]					
Hemorrhage			1 [1.0]			2 [2.0]
Nose	(5)	(0)	(0)	(5)	(5)	(5)
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Cornea, Degeneration, Focal						1 [2.0]
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(5)	(5)	(5)

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F 344/N Rat FEMALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400 PPM
Papilla, Renal Tubule, Casts					5 [3.0]	5 [3.2]

**** END OF REPORT ****

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