

**Experiment Number:** 20303-01

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

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

**Test Compound:** Vinylidene chloride

**CAS Number:** 75-35-4

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 13:39:42

**First Dose M/F:** NA / NA

**Lab:** BNW

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

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F 344/N Rat MALE	CONTROL	25 PPM	50 PPM	100 PPM	200 PPM	400PPM
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Centrilobular, Hepatocyte, Degeneration		4 (80%)	5 (100%)	5 (100%)		
Centrilobular, Necrosis		1 (20%)			5 (100%)	5 (100%)
Infiltration Cellular, Mixed Cell				2 (40%)		
Pancreas	(0)	(1)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Testes	(0)	(0)	(0)	(0)	(1)	(1)
Hemorrhage					1 (100%)	1 (100%)
<b>HEMATOPOIETIC SYSTEM</b>						
Lymph Node	(0)	(0)	(0)	(0)	(1)	(0)
Deep Cervical, Hemorrhage					1 (100%)	
Lymph Node, Mediastinal	(0)	(0)	(1)	(0)	(0)	(0)

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

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Lymph Node, Mesenteric Hemorrhage	(0)	(0)	(0)	(0)	(0)	(1) 1 (100%)
Thymus Hemorrhage	(0)	(0)	(0)	(0)	(0)	(3) 3 (100%)
Necrosis, Lymphoid						2 (67%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Alveolus, Infiltration Cellular, Histiocyte Hemorrhage	1 (20%)			1 (20%)		1 (20%)
Nose	(5)	(0)	(0)	(5)	(5)	(5)
Inflammation, Suppurative, Acute						1 (20%)
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Antr Chamber, Inflammation, Acute						1 (20%)
Cornea, Degeneration, Focal					2 (40%)	
Cornea, Infiltration Cellular, Mononuclear Cl, 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)

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

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**F 344/N Rat MALE**

**CONTROL**

**25 PPM**

**50 PPM**

**100 PPM**

**200 PPM**

**400PPM**

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\*\*\*END OF MALE DATA\*\*\*

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<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
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)
Centrilobular, Hepatocyte, Degeneration		5 (100%)	5 (100%)	5 (100%)		
Centrilobular, Necrosis					5 (100%)	5 (100%)
Hepatodiaphragmatic Nodule						1 (20%)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(2)
Hemorrhage						1 (50%)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(1)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						

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

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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)
Alveolus, Infiltration Cellular, Histiocyte	1 (20%)			1 (20%)		
Alveolus, Infiltration Cellular, Mixed Cell, Focal	1 (20%)					
Hemorrhage			1 (100%)			2 (40%)
Nose	(5)	(0)	(0)	(5)	(5)	(5)
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Cornea, Degeneration, Focal						1 (20%)
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(5)	(5)	(5)
Papilla, Renal Tubule, Casts					5 (100%)	5 (100%)

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