

**Experiment Number:** 97008-04  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

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

**Test Compound:** Propargyl alcohol  
**CAS Number:** 107-19-7

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 01:51:42  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>C Number:</b>	C97008
<b>Lock Date:</b>	06/21/2001
<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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B6C3F1 Mouse MALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(9)	(0)	(0)	(0)	(0)	(7)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Granulomatous	2 (20%)					1 (10%)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Epithelium, Hyperplasia, Focal						1 (10%)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)

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

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B6C3F1 Mouse MALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
Parathyroid Gland	(7)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Granuloma Sperm	1 (10%)					
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Bronchial	(8)	(0)	(0)	(0)	(0)	(7)
Lymph Node, Mandibular	(4)	(0)	(0)	(0)	(0)	(5)
Lymph Node, Mediastinal	(4)	(0)	(0)	(0)	(0)	(7)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(9)
Spleen	(10)	(0)	(1)	(1)	(1)	(10)
Thymus	(9)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						

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B6C3F1 Mouse MALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
Larynx	(10)	(0)	(0)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Perivascular, Infiltration Cellular, Mixed Cell	1 (10%)					
Nose	(9)	(10)	(10)	(10)	(10)	(10)
Atrophy					1 (10%)	1 (10%)
Glands, Hyperplasia				4 (40%)	9 (90%)	10 (100%)
Inflammation, Suppurative						6 (60%)
Olfactory Epi, Atrophy					8 (80%)	10 (100%)
Olfactory Epi, Necrosis					1 (10%)	
Respirat Epith, Degeneration, Hyaline					3 (30%)	9 (90%)
Respirat Epith, Metaplasia, Squamous					6 (60%)	10 (100%)
Turbinate, Atrophy					7 (70%)	9 (90%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(9)	(9)	(9)	(10)	(10)
Cornea, Necrosis						1 (10%)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(0)	(1)	(1)	(0)	(10)
Hydronephrosis	1 (10%)					
Nephropathy			1 (100%)	1 (100%)		3 (30%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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

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

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B6C3F1 Mouse FEMALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(9)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Granulomatous	3 (30%)					3 (30%)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(2)	(10)
Atrophy					1 (50%)	
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse FEMALE	CONTROL	4 PPM	8 PPM	16 PPM	32 PPM	64 PPM
Parathyroid Gland	(6)	(0)	(0)	(0)	(0)	(7)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(9)	(0)	(0)	(0)	(0)	(7)
Ovary	(8)	(0)	(0)	(0)	(0)	(10)
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Bronchial	(8)	(0)	(0)	(0)	(0)	(7)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(6)
Lymph Node, Mediastinal	(4)	(0)	(0)	(0)	(0)	(4)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(9)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Larynx	(10)	(0)	(0)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(0)	(0)	(10)

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<b>B6C3F1 Mouse FEMALE</b>	<b>CONTROL</b>	<b>4 PPM</b>	<b>8 PPM</b>	<b>16 PPM</b>	<b>32 PPM</b>	<b>64 PPM</b>
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Glands, Hyperplasia				1 (10%)	8 (80%)	10 (100%)
Inflammation, Suppurative					1 (10%)	10 (100%)
Olfactory Epi, Atrophy					7 (70%)	10 (100%)
Olfactory Epi, Necrosis				9 (90%)	4 (40%)	
Respirat Epith, Degeneration, Hyaline					7 (70%)	8 (80%)
Respirat Epith, Metaplasia, Squamous				1 (10%)	7 (70%)	10 (100%)
Turbinate, Atrophy					10 (100%)	10 (100%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(5)	(10)	(8)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(1)	(3)	(10)
Inflammation, Chronic Active					1 (33%)	
Nephropathy				1 (100%)	2 (67%)	1 (10%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

**\*\* END OF REPORT \*\***

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