

**Experiment Number:** 20525-01

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F344/N Tac

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

**Test Compound:** n-Butyl glycidyl ether

**CAS Number:** 2426-08-6

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 04:47:45

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

**Lab:** BNW

<b>C Number:</b>	C20525
<b>Lock Date:</b>	12/01/2006
<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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First Dose M/F: NA / NA

Lab: BNW

F344/N Tac Rat MALE	Control	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Moribund Sacrifice						1
Natural Death					1	4
Survivors						
Terminal Sacrifice	5	5	5	5	4	
Animals Examined Microscopically	5	5	5	5	5	5
<b>ALIMENTARY SYSTEM</b>						
Liver	(5)	(0)	(1)	(1)	(0)	(5)
Hepatodiaphragmatic Nodule			1 (100%)	1 (100%)		
Necrosis						1 (20%)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Epididymis	(5)	(0)	(0)	(0)	(0)	(5)
Testes	(5)	(0)	(5)	(5)	(5)	(5)
Germinal Epith, Degeneration				5 (100%)	5 (100%)	5 (100%)
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						

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

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First Dose M/F: NA / NA

Lab: BNW

F344/N Tac Rat MALE	Control	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Larynx	(5)	(0)	(5)	(5)	(5)	(5)
Inflammation, Acute					5 (100%)	5 (100%)
Necrosis					2 (40%)	5 (100%)
Respirat Epith, Metaplasia, Squamous				3 (60%)	5 (100%)	
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Bronchus, Metaplasia, Squamous					4 (80%)	
Bronchus, Necrosis						5 (100%)
Inflammation, Acute					3 (60%)	5 (100%)
Inflammation, Granulomatous					1 (20%)	
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Acute				5 (100%)	5 (100%)	5 (100%)
Necrosis			2 (40%)	5 (100%)	5 (100%)	5 (100%)
Olfactory Epi, Regeneration		1 (20%)	1 (20%)	5 (100%)	5 (100%)	
Respirat Epith, Metaplasia, Squamous		5 (100%)	5 (100%)	5 (100%)	5 (100%)	
Turbinates, Atrophy		1 (20%)	2 (40%)	5 (100%)	5 (100%)	
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
None						

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

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

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Time Report Requested: 04:47:45

First Dose M/F: NA / NA

Lab: BNW

F344/N Tac Rat FEMALE	Control	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Moribund Sacrifice					2	1
Natural Death					1	4
Survivors						
Terminal Sacrifice	5	5	5	5	2	
Animals Examined Microscopically	5	5	5	5	5	5
<b>ALIMENTARY SYSTEM</b>						
Liver	(5)	(0)	(1)	(0)	(1)	(5)
Hepatodiaphragmatic Nodule			1 (100%)			
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(1)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Ovary	(5)	(0)	(0)	(5)	(5)	(5)
Atrophy					4 (80%)	5 (100%)
Uterus	(5)	(0)	(0)	(0)	(0)	(5)
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						

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Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: n-Butyl glycidyl ether

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Route: RESPIRATORY EXPOSURE WHOLE BODY

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First Dose M/F: NA / NA

Species/Strain: Rat/F344/N Tac

Lab: BNW

F344/N Tac Rat FEMALE	Control	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
None						
<b>NERVOUS SYSTEM</b>						
Brain	(0)	(0)	(0)	(0)	(1)	(0)
Inflammation, Suppurative					1 (100%)	
<b>RESPIRATORY SYSTEM</b>						
Larynx	(5)	(0)	(5)	(5)	(5)	(5)
Inflammation, Acute					4 (80%)	5 (100%)
Necrosis					2 (40%)	5 (100%)
Respirat Epith, Metaplasia, Squamous				1 (20%)	5 (100%)	
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Bronchus, Metaplasia, Squamous					5 (100%)	
Bronchus, Necrosis					3 (60%)	5 (100%)
Inflammation, Acute					5 (100%)	5 (100%)
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Acute				5 (100%)	5 (100%)	5 (100%)
Necrosis			1 (20%)	5 (100%)	5 (100%)	5 (100%)
Olfactory Epi, Regeneration				5 (100%)	5 (100%)	
Respirat Epith, Metaplasia, Squamous		5 (100%)	5 (100%)	5 (100%)	5 (100%)	
Turbinate, Atrophy			1 (20%)	5 (100%)	5 (100%)	
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
None						

\*\* END OF REPORT \*\*

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