

Experiment Number: 20525-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

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

Test Compound: n-Butyl glycidyl ether

CAS Number: 2426-08-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:19:19

First Dose M/F: NA / NA

Lab: BNW

C Number:	C20525
Lock Date:	12/01/2006
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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B6C3F1 Mouse MALE	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 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						
Liver	(5)	(0)	(0)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(5)	(0)	(0)	(0)	(0)	(5)
Testes	(5)	(0)	(0)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM						
Spleen	(0)	(0)	(0)	(1)	(0)	(0)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						

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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B6C3F1 Mouse MALE	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
None						
RESPIRATORY SYSTEM						
Larynx	(5)	(0)	(0)	(0)	(0)	(5)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Acute			4 [1.0]	5 [1.6]	5 [4.0]	
Necrosis		1 [1.0]	5 [1.2]	5 [1.0]	5 [4.0]	5 [4.0]
Olfactory Epi, Atrophy			4 [1.3]	5 [2.0]		
Olfactory Epi, Regeneration		1 [1.0]	5 [2.0]	5 [1.4]		
Respirat Epith, Metaplasia, Squamous		5 [1.8]	5 [1.6]	5 [2.8]		
Turbinate, Atrophy		5 [1.0]	5 [1.0]	5 [2.8]		
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

END OF MALE DATA

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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First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse FEMALE	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Moribund Sacrifice					2	
Natural Death					3	5
Survivors						
Terminal Sacrifice	5	5	5	5		
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(0)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(5)	(0)	(0)	(0)	(0)	(5)
Uterus	(4)	(0)	(0)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						

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B6C3F1 Mouse FEMALE	CONTROL	62.5 PPM	125 PPM	250 PPM	500 PPM	1000 PPM
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(4)	(0)	(0)	(0)	(0)	(5)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Acute				4 [1.5]	5 [4.0]	
Necrosis		1 [1.0]	2 [1.0]	5 [1.2]	5 [4.0]	5 [4.0]
Olfactory Epi, Atrophy		1 [1.0]	5 [1.0]	4 [1.8]		
Olfactory Epi, Regeneration		1 [1.0]	5 [2.0]	4 [1.8]		
Respirat Epith, Metaplasia, Squamous		5 [1.8]	5 [2.0]	5 [3.0]		
Turbinates, Atrophy		5 [1.0]	5 [1.6]	5 [2.6]		
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

** END OF REPORT **

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)