

**Experiment Number:** 99017-01

**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:** Diethylamine

**CAS Number:** 109-89-7

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

**Time Report Requested:** 17:30:51

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

**Lab:** BNW

<b>C Number:</b>	C99017
<b>Lock Date:</b>	07/22/2003
<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	31 PPM	62.5 PPM	125 PPM	250 PPM	500 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						

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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F 344/N Rat MALE	CONTROL	31 PPM	62.5 PPM	125 PPM	250 PPM	500 PPM
<b>RESPIRATORY SYSTEM</b>						
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Suppurative			5 [1.6]	5 [2.8]	5 [3.8]	5 [4.0]
Nasopharyn Dct, Ulcer						5 [3.2]
Olfactory Epi, Atrophy					5 [3.0]	5 [2.8]
Respirat Epith, Metaplasia, Squamous			5 [1.0]	5 [2.2]	5 [3.0]	5 [3.0]
Respirat Epith, Ulcer			1 [1.0]	1 [2.0]	5 [3.6]	5 [3.6]
Turbinat e, Necrosis				5 [2.2]	5 [3.8]	5 [3.4]
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(5)	(0)	(0)	(5)	(5)	(5)
Cornea, Degeneration						1 [2.0]
Cornea, Inflammation, Suppurative					1 [1.0]	3 [2.0]
Iris, Inflammation, Suppurative						2 [2.0]
<b>URINARY SYSTEM</b>						
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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Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
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None						

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<b>RESPIRATORY SYSTEM</b>						
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Suppurative			2 [1.0]	5 [2.2]	5 [3.8]	5 [4.0]
Nasopharyn Dct, Ulcer						5 [3.4]
Olfactory Epi, Atrophy					5 [2.8]	5 [2.8]
Respirat Epith, Metaplasia, Squamous			2 [1.0]	5 [2.2]	5 [2.8]	5 [3.0]
Respirat Epith, Ulcer					5 [4.0]	5 [3.8]
Turbinat e, Necrosis				4 [2.0]	5 [3.0]	5 [3.8]
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(5)	(0)	(0)	(0)	(5)	(5)
Cornea, Inflammation, Suppurative						5 [1.2]
<b>URINARY SYSTEM</b>						
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)