

Experiment Number: 99017-02

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: Diethylamine

CAS Number: 109-89-7

Date Report Requested: 10/21/2014

Time Report Requested: 16:59:16

First Dose M/F: NA / NA

Lab: BNW

C Number:	C99017
Lock Date:	07/22/2003
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	31 PPM	62.5 PPM	125 PPM	250 PPM	500 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death						2
Survivors						
Terminal Sacrifice	5	5	5	5	5	3
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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Lab: BNW

B6C3F1 Mouse MALE	CONTROL	31 PPM	62.5 PPM	125 PPM	250 PPM	500 PPM
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(0)	(5)	(5)
Alveolus, Infiltration Cellular, Histiocyte						2 [1.0]
Bronchus, Inflammation, Chronic Active						4 [1.0]
Bronchus, Necrosis						1 [1.0]
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Suppurative				3 [1.3]	5 [2.0]	5 [2.4]
Olfactory Epi, Atrophy				5 [1.8]	4 [2.0]	2 [1.5]
Olfactory Epi, Necrosis						1 [2.0]
Respirat Epith, Metaplasia, Squamous				4 [2.0]	5 [2.2]	3 [1.7]
Turbinate, Necrosis		5 [1.0]	5 [1.0]	5 [1.8]	5 [3.8]	5 [3.6]
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(0)	(5)	(5)
Cornea, Necrosis						2 [2.5]
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	31 PPM	62.5 PPM	125 PPM	250 PPM	500 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death						3
Survivors						
Terminal Sacrifice	5	5	5	5	5	2
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

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Lab: BNW

B6C3F1 Mouse FEMALE	CONTROL	31 PPM	62.5 PPM	125 PPM	250 PPM	500 PPM
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(0)	(5)	(5)
Bronchus, Inflammation, Chronic Active						2 [1.0]
Bronchus, Necrosis						1 [1.0]
Nose	(5)	(5)	(5)	(5)	(5)	(5)
Glands, Necrosis						1 [3.0]
Inflammation, Suppurative				5 [1.8]	5 [1.8]	5 [2.0]
Olfactory Epi, Atrophy			1 [1.0]	5 [2.0]	5 [2.0]	4 [2.3]
Olfactory Epi, Necrosis						3 [1.7]
Respirat Epith, Metaplasia, Squamous				5 [1.8]	5 [1.8]	2 [2.0]
Turbinate, Necrosis		4 [1.0]	5 [1.0]	5 [2.2]	5 [3.4]	5 [3.8]
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(0)	(5)	(5)
Cornea, Necrosis						3 [1.7]
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)