

TDMS No. 99017 - 06

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

Date Report Requested: 10/23/2008

Test Type: CHRONIC

Diethylamine

Time Report Requested: 13:20:12

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 109-89-7

First Dose M/F: 08/18/03 / 08/18/03

Species/Strain: MICE/B6C3F1

Lab: BNW

F1_M3

C Number: C99017
Lock Date: 08/01/2006
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.0.0

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Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Disposition Summary				
Animals Initially in Study	50	50	50	50
Early Deaths				
Moribund Sacrifice	15	10	12	11
Natural Death	4	2	6	2
Survivors				
Terminal Sacrifice	31	38	32	37
Animals Examined Microscopically	50	50	50	50
ALIMENTARY SYSTEM				
Gallbladder	(36)	(42)	(41)	(38)
Degeneration, Hyaline		1 [2.0]	1 [2.0]	
Inflammation, Suppurative		1 [1.0]		
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Hemorrhage			1 [3.0]	
Inflammation, Chronic Active	1 [2.0]			
Intestine Large, Colon	(50)	(50)	(50)	(50)
Inflammation, Chronic Active			1 [2.0]	
Intestine Large, Rectum	(50)	(50)	(50)	(50)
Inflammation, Chronic Active				1 [1.0]
Serosa, Fibrosis	1 [3.0]			
Intestine Small, Duodenum	(49)	(50)	(50)	(50)
Inflammation, Chronic Active	1 [1.0]	1 [1.0]		
Intestine Small, Ileum	(50)	(50)	(50)	(50)
Inflammation, Chronic Active	1 [2.0]	2 [1.0]	1 [3.0]	
Peyer's Patch, Hyperplasia, Lymphoid			1 [4.0]	
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Inflammation, Chronic Active			1 [2.0]	
Peyer's Patch, Hyperplasia, Lymphoid		1 [3.0]	1 [3.0]	
Liver	(50)	(50)	(50)	(50)
Angiectasis	1 [3.0]			
Basophilic Focus	5	13	10	8
Clear Cell Focus	5	5	7	2
Congestion	2 [2.0]			
Degeneration, Fatty	2 [1.5]			
Eosinophilic Focus	2	8	6	7

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 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Fibrosis			1 [1.0]	
Hemorrhage	1 [3.0]		1 [4.0]	
Inflammation, Chronic Active			1 [2.0]	
Mixed Cell Focus		4	1	5
Necrosis	4 [2.0]	1 [2.0]	4 [2.0]	3 [2.3]
Tension Lipidosis	1 [1.0]	6 [1.0]	2 [1.0]	3 [1.0]
Thrombosis	1 [2.0]		1 [3.0]	
Mesentery	(10)	(6)	(4)	(8)
Inflammation, Chronic Active	2 [2.5]	1 [1.0]	1 [2.0]	1 [3.0]
Fat, Fibrosis			1 [1.0]	
Fat, Necrosis	5 [1.8]	4 [1.0]	1 [1.0]	4 [1.0]
Pancreas	(50)	(50)	(49)	(50)
Atrophy	1 [2.0]	1 [2.0]	1 [2.0]	
Cyst	1 [1.0]	1 [2.0]		
Cytoplasmic Alteration				1 [1.0]
Salivary Glands	(50)	(50)	(50)	(50)
Artery, Inflammation, Chronic				1 [3.0]
Stomach, Forestomach	(50)	(50)	(50)	(50)
Hyperplasia, Squamous	3 [1.7]	4 [2.0]	6 [2.7]	4 [2.5]
Inflammation	2 [1.5]	2 [2.0]		
Ulcer			1 [2.0]	1 [1.0]
Stomach, Glandular	(50)	(50)	(50)	(50)
Hyperplasia			3 [1.3]	
Inflammation			1 [1.0]	
Mineralization			1 [1.0]	
Necrosis		1 [1.0]		
Glands, Ectasia	1 [1.0]			
Tooth	(6)	(6)	(8)	(5)
Dentine, Malformation	4 [3.0]	2 [3.0]	5 [3.0]	5 [3.0]
CARDIOVASCULAR SYSTEM				
Blood Vessel	(0)	(1)	(0)	(1)
Media, Hypertrophy				1 [3.0]
Heart	(50)	(50)	(50)	(50)
Angiectasis			1 [2.0]	
Cardiomyopathy		1 [2.0]	8 [2.0]	1 [2.0]
Artery, Inflammation				4 [1.5]
Atrium, Thrombosis		2 [2.5]	1 [4.0]	

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Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule			3 [1.3]	
Hyperplasia	10 [1.3]	12 [1.3]	4 [1.0]	5 [1.2]
Hypertrophy	37 [1.2]	31 [1.0]	26 [1.2]	26 [1.3]
Mineralization			1 [1.0]	
Vacuolization Cytoplasmic		1 [1.0]	1 [2.0]	
Subcapsular, Hyperplasia		1 [3.0]		
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia		1 [1.0]		
Hypertrophy			1 [1.0]	1 [1.0]
Islets, Pancreatic	(50)	(50)	(49)	(50)
Hyperplasia	2 [2.5]	1 [2.0]	1 [1.0]	
Parathyroid Gland	(28)	(32)	(25)	(21)
Cyst		1 [1.0]	1 [1.0]	
Hypertrophy			1 [1.0]	
Pituitary Gland	(50)	(50)	(49)	(50)
Pars Distalis, Cyst	1 [1.0]	2 [1.0]	3 [1.0]	2 [1.5]
Pars Distalis, Hyperplasia		7 [1.0]	2 [1.5]	6 [1.0]
Thyroid Gland	(50)	(50)	(48)	(49)
Cyst		1 [2.0]	2 [1.5]	1 [1.0]
GENERAL BODY SYSTEM				
Peritoneum	(1)	(0)	(0)	(0)
GENITAL SYSTEM				
Coagulating Gland	(0)	(1)	(0)	(0)
Epididymis	(49)	(50)	(50)	(50)
Granuloma Sperm		1 [2.0]		2 [2.5]
Penis	(0)	(0)	(0)	(2)
Inflammation, Suppurative				2 [3.0]
Preputial Gland	(50)	(50)	(50)	(50)
Cyst	1 [2.0]			
Ectasia				2 [2.0]

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B6C3F1 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Inflammation	2 [2.5]	1 [3.0]	1 [2.0]	
Prostate	(50)	(50)	(50)	(49)
Inflammation				1 [2.0]
Arteriole, Inflammation, Chronic				1 [3.0]
Seminal Vesicle	(50)	(50)	(50)	(50)
Dilatation	1 [2.0]	2 [2.0]	1 [2.0]	
Inflammation, Chronic Active	1 [2.0]	1 [2.0]		1 [3.0]
Testes	(50)	(50)	(50)	(50)
Degeneration		2 [2.0]	1 [3.0]	
Hyperplasia, Atypical	1 [3.0]			
Mineralization		1 [2.0]	1 [2.0]	
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Angiectasis			1 [2.0]	1 [2.0]
Lymph Node	(0)	(5)	(5)	(0)
Renal, Hyperplasia, Lymphoid			1 [3.0]	
Lymph Node, Bronchial		(29)	(25)	(25)
Congestion	1 [2.0]			
Lymph Node, Mandibular	(16)	(20)	(18)	(20)
Lymph Node, Mediastinal	(33)	(35)	(36)	(38)
Hematopoietic Cell Proliferation	1 [3.0]			1 [2.0]
Hyperplasia, Lymphoid				1 [2.0]
Infiltration Cellular, Mixed Cell	1 [2.0]			
Lymph Node, Mesenteric	(49)	(47)	(48)	(50)
Hematopoietic Cell Proliferation	1 [2.0]		1 [3.0]	1 [3.0]
Hyperplasia, Lymphoid			1 [3.0]	
Hyperplasia, Plasma Cell	1 [3.0]	1 [4.0]	1 [3.0]	
Infiltration Cellular	2 [1.0]	3 [1.7]	1 [3.0]	
Spleen	(50)	(50)	(49)	(50)
Angiectasis	1 [2.0]			
Hematopoietic Cell Proliferation		2 [1.5]	3 [2.0]	2 [2.5]
Infiltration Cellular, Histiocyte	1 [2.0]			
Necrosis			1 [4.0]	
Thymus	(38)	(36)	(36)	(37)
Cyst	1 [2.0]		2 [1.0]	2 [2.0]
Hyperplasia, Lymphoid				1 [3.0]

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B6C3F1 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
INTEGUMENTARY SYSTEM				
Skin	(50)	(50)	(49)	(50)
Inflammation		1 [2.0]		3 [2.7]
Ulcer	1 [3.0]	3 [2.7]	5 [2.4]	3 [3.0]
Epidermis, Hyperplasia			1 [1.0]	
Hair Follicle, Congestion		1 [2.0]		
Sebaceous Gland, Hyperplasia			1 [3.0]	
Subcutaneous Tissue, Fibrosis			1 [2.0]	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(49)	(50)
Joint, Inflammation, Chronic		1 [2.0]		
Skeletal Muscle	(2)	(3)	(3)	(1)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Atrophy	1 [2.0]			
Hydrocephalus			1 [1.0]	
Meninges, Infiltration Cellular	1 [1.0]			1 [1.0]
Meninges, Infiltration Cellular, Mixed Cell				1 [1.0]
Peripheral Nerve	(0)	(1)	(1)	(0)
RESPIRATORY SYSTEM				
Larynx	(50)	(50)	(50)	(50)
Arteriole, Infiltration Cellular, Mixed Cell				1 [3.0]
Squamous Epithelium, Hyperplasia				1 [1.0]
Lung	(50)	(50)	(50)	(50)
Hemorrhage	3 [1.0]		2 [1.5]	1 [1.0]
Infiltration Cellular, Histiocyte	12 [2.3]	1 [3.0]	7 [2.6]	3 [2.3]
Thrombosis				1 [2.0]
Alveolar Epithelium, Hyperplasia	3 [2.3]	2 [1.5]	5 [2.6]	2 [1.0]
Arteriole, Inflammation, Chronic Active		2 [3.0]	1 [3.0]	
Nose	(50)	(50)	(50)	(50)
Inflammation, Suppurative	6 [1.7]	5 [1.6]	6 [1.7]	14 [1.1]

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B6C3F1 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Glands, Respiratory Epithelium, Accumulation, Hyaline Droplet	5 [1.0]	5 [1.0]	16 [1.3]	33 [1.5]
Glands, Respiratory Epithelium, Hyperplasia	42 [1.1]	41 [1.2]	44 [1.1]	50 [1.6]
Glands, Respiratory Epithelium, Inflammation, Chronic Active	6 [1.0]	9 [1.1]	8 [1.3]	11 [1.1]
Olfactory Epithelium, Accumulation, Hyaline Droplet	7 [1.0]	2 [1.0]	4 [1.0]	6 [1.0]
Olfactory Epithelium, Atrophy	9 [1.0]	19 [1.3]	50 [2.0]	50 [2.5]
Olfactory Epithelium, Necrosis		2 [1.5]		
Olfactory Epithelium, Respiratory Metaplasia	14 [1.0]	15 [1.7]	44 [2.3]	50 [3.0]
Olfactory Epithelium, Ulcer		1 [2.0]		
Olfactory Epithelium, Vacuolization Cytoplasmic		5 [1.0]	3 [2.0]	
Respiratory Epithelium, Accumulation, Hyaline Droplet	11 [1.0]	6 [1.3]	19 [1.5]	30 [1.1]
Respiratory Epithelium, Inflammation, Suppurative	1 [1.0]			
Respiratory Epithelium, Metaplasia, Squamous	4 [1.0]	7 [1.0]	16 [1.0]	34 [1.4]
Respiratory Epithelium, Necrosis	2 [1.5]	3 [1.3]	3 [1.3]	8 [1.4]
Respiratory Epithelium, Ulcer	1 [1.0]	1 [2.0]	2 [1.0]	4 [1.3]
Respiratory Epithelium, Vacuolization Cytoplasmic		1 [1.0]	3 [2.0]	
Turbinate, Hyperostosis	5 [1.2]	23 [1.1]	50 [2.0]	50 [3.5]
Turbinate, Necrosis	1 [1.0]			3 [1.0]
Pleura	(1)	(0)	(0)	(0)
Trachea	(50)	(50)	(50)	(50)

SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(50)	(50)
Atrophy		1 [4.0]	1 [4.0]	1 [4.0]
Cataract			2 [2.0]	
Cornea, Hyperplasia, Squamous			1 [1.0]	1 [3.0]
Cornea, Inflammation, Chronic Active		2 [2.0]		2 [2.5]
Harderian Gland	(50)	(50)	(50)	(50)
Atrophy	1 [2.0]			

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B6C3F1 MICE MALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Hyperplasia		1 [2.0]	1 [2.0]	
URINARY SYSTEM				
Kidney	(50)	(50)	(49)	(50)
Casts Granular	1 [3.0]			
Cyst	4 [1.3]	6 [1.0]	6 [1.3]	5 [1.8]
Hydronephrosis	1 [3.0]		1 [2.0]	
Infarct	1 [1.0]	4 [1.3]	4 [1.3]	2 [2.5]
Metaplasia, Osseous	1 [1.0]	2 [1.0]	1 [1.0]	2 [1.5]
Nephropathy	44 [2.1]	47 [1.3]	44 [1.8]	45 [2.0]
Thrombosis			1 [2.0]	
Artery, Inflammation, Chronic Active	1 [3.0]			1 [3.0]
Vein, Dilatation	1 [1.0]			
Urethra	(0)	(0)	(1)	(0)
Urinary Bladder	(50)	(50)	(49)	(50)
Inflammation			1 [3.0]	1 [4.0]

*** END OF MALE ***

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B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Disposition Summary				
Animals Initially in Study	50	50	50	50
Early Deaths				
Moribund Sacrifice	13	11	7	10
Natural Death	5	4	7	1
Survivors				
Terminal Sacrifice	32	35	36	39
Animals Examined Microscopically	50	50	50	50
ALIMENTARY SYSTEM				
Esophagus	(50)	(50)	(50)	(50)
Gallbladder	(38)	(45)	(44)	(42)
Cyst				1 [3.0]
Hyperplasia		1 [2.0]		
Mineralization		1 [1.0]		
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Amyloid Deposition		1 [1.0]		
Hemorrhage		1 [3.0]		
Intestine Large, Rectum	(50)	(50)	(50)	(50)
Polyp, Inflammatory	1 [2.0]			
Arteriole, Inflammation, Chronic Active			1 [2.0]	
Intestine Small, Duodenum	(50)	(50)	(49)	(50)
Necrosis				1 [3.0]
Intestine Small, Ileum	(50)	(50)	(50)	(50)
Inflammation, Chronic Active			1 [1.0]	
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Liver	(50)	(50)	(50)	(50)
Angiectasis		1 [2.0]	1 [2.0]	
Basophilic Focus	1	3	6	1
Clear Cell Focus	1		2	
Cyst	1 [2.0]	2 [1.5]		
Degeneration, Fatty	1 [2.0]	1 [2.0]		
Eosinophilic Focus	4	7	8	2
Hematopoietic Cell Proliferation	2 [2.0]	2 [2.0]		1 [3.0]
Infiltration Cellular, Lymphoid	1 [2.0]			
Inflammation, Chronic Active	1 [2.0]			1 [2.0]

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B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Mixed Cell Focus			2	2
Necrosis	1 [2.0]	2 [3.0]	3 [2.3]	3 [2.3]
Pigmentation				1 [2.0]
Tension Lipidosis	5 [1.3]	8 [1.1]	3 [1.0]	9 [1.0]
Thrombosis	1 [2.0]			
Vacuolization Cytoplasmic		1 [4.0]		
Bile Duct, Hyperplasia				1 [2.0]
Mesentery	(12)	(16)	(15)	(10)
Inflammation, Chronic Active		1 [2.0]		
Fat, Necrosis	10 [1.6]	12 [1.3]	11 [1.4]	6 [1.5]
Oral Mucosa	(1)	(0)	(0)	(0)
Gingival, Inflammation, Suppurative	1 [2.0]			
Pancreas	(50)	(50)	(50)	(50)
Atrophy	1 [3.0]	3 [2.0]	1 [3.0]	1 [4.0]
Cyst	1 [3.0]	2 [2.5]	2 [2.5]	1 [2.0]
Cytoplasmic Alteration	1 [1.0]			
Salivary Glands	(49)	(50)	(50)	(50)
Necrosis		1 [2.0]		
Arteriole, Inflammation, Chronic Active			1 [2.0]	
Stomach, Forestomach	(50)	(50)	(50)	(50)
Hyperplasia, Squamous			4 [1.8]	1 [1.0]
Inflammation	2 [1.5]			
Mineralization			1 [1.0]	1 [1.0]
Ulcer		1 [2.0]		
Stomach, Glandular	(50)	(50)	(50)	(50)
Fibrosis			1 [1.0]	
Mineralization		1 [1.0]		
Epithelium, Degeneration, Hyaline	1 [1.0]			
Tooth	(0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM				
Blood Vessel	(2)	(0)	(1)	(0)
Aorta, Mineralization			1 [1.0]	
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	5 [1.8]	2 [2.0]	3 [2.0]	1 [2.0]
Congestion			1 [1.0]	
Mineralization		1 [1.0]		
Artery, Inflammation		2 [1.5]		1 [1.0]

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B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Capillary, Hyperplasia	2 [3.0]			
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule	2 [1.0]		3 [1.0]	1 [1.0]
Angiectasis	1 [1.0]			1 [2.0]
Atrophy		1 [4.0]	1 [2.0]	
Hematopoietic Cell Proliferation		2 [2.0]	1 [1.0]	
Hemorrhage	1 [2.0]			
Hyperplasia	5 [1.2]	3 [1.0]	8 [1.1]	7 [1.1]
Hypertrophy	10 [1.0]	13 [1.0]	7 [1.3]	8 [1.4]
Vacuolization Cytoplasmic			3 [1.3]	
Adrenal Medulla	(50)	(50)	(50)	(49)
Hyperplasia				3 [2.0]
Hypertrophy	1 [1.0]			1 [1.0]
Vacuolization Cytoplasmic			1 [2.0]	
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia				1 [1.0]
Parathyroid Gland	(23)	(32)	(33)	(33)
Cyst		1 [2.0]	2 [1.0]	
Pituitary Gland	(50)	(50)	(50)	(49)
Pars Distalis, Angiectasis	1 [2.0]		4 [1.0]	2 [1.5]
Pars Distalis, Cyst			3 [1.0]	2 [1.0]
Pars Distalis, Hyperplasia	8 [1.5]	15 [1.6]	16 [1.4]	10 [1.7]
Pars Intermedia, Hemorrhage	1 [2.0]			
Thyroid Gland	(50)	(50)	(50)	(50)
Cyst		2 [1.0]	7 [1.1]	3 [1.3]
Follicular Cell, Hyperplasia	2 [2.5]		1 [3.0]	
GENERAL BODY SYSTEM				
Peritoneum	(0)	(0)	(0)	(1)
GENITAL SYSTEM				
Clitoral Gland	(46)	(43)	(43)	(46)
Ovary	(49)	(50)	(50)	(50)

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Test Type: CHRONIC

Diethylamine

Time Report Requested: 13:20:12

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 109-89-7

First Dose M/F: 08/18/03 / 08/18/03

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Cyst	8 [2.3]	11 [1.5]	7 [2.4]	9 [1.9]
Hemorrhage	2 [4.0]			2 [1.5]
Infiltration Cellular, Histiocyte	1 [3.0]			
Mineralization		1 [2.0]		
Thrombosis		1 [3.0]		1 [4.0]
Uterus	(50)	(50)	(50)	(50)
Angiectasis	1 [3.0]	1 [3.0]	1 [1.0]	4 [2.3]
Fibrosis	1 [3.0]			
Inflammation, Chronic Active	1 [1.0]		2 [1.0]	
Thrombosis	2 [2.5]			3 [3.3]
Arteriole, Inflammation, Chronic Active		1 [2.0]		
Endometrium, Hyperplasia, Cystic	26 [2.0]	18 [2.3]	21 [2.1]	27 [2.4]
Vagina	(0)	(0)	(1)	(0)
Arteriole, Inflammation, Chronic Active			1 [2.0]	

HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(50)	(50)
Angiectasis			1 [2.0]	
Myelofibrosis		1 [2.0]		
Lymph Node	(5)	(6)	(11)	(5)
Iliac, Ectasia	1 [3.0]			
Lumbar, Ectasia			1 [2.0]	
Lumbar, Hemorrhage	1 [3.0]	1 [3.0]		
Lumbar, Hyperplasia, Lymphoid				1 [2.0]
Renal, Hemorrhage			1 [3.0]	
Lymph Node, Bronchial	(29)	(32)	(31)	(38)
Lymph Node, Mandibular	(23)	(40)	(30)	(33)
Ectasia		1 [4.0]		1 [3.0]
Hyperplasia, Lymphoid	2 [3.0]			1 [2.0]
Lymph Node, Mediastinal	(34)	(33)	(44)	(40)
Hyperplasia, Lymphoid	1 [2.0]		1 [3.0]	
Lymph Node, Mesenteric	(50)	(46)	(46)	(49)
Angiectasis				1 [4.0]
Ectasia			1 [4.0]	
Spleen	(50)	(50)	(50)	(50)
Hematopoietic Cell Proliferation	2 [2.0]	4 [2.0]	4 [2.3]	2 [3.0]
Hemorrhage			1 [3.0]	
Hyperplasia, Lymphoid	2 [2.0]		1 [3.0]	

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Test Type: CHRONIC

Diethylamine

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Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 109-89-7

First Dose M/F: 08/18/03 / 08/18/03

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Necrosis			1 [4.0]	
Thymus	(47)	(47)	(45)	(47)
Cyst	1 [1.0]			
Hyperplasia, Lymphoid	1 [2.0]	1 [3.0]	1 [2.0]	
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(49)
Hyperplasia	1 [1.0]	1 [1.0]		1 [3.0]
Skin	(50)	(50)	(50)	(50)
Inflammation	1 [2.0]		3 [1.7]	
Ulcer	1 [3.0]	2 [3.0]		
Sebaceous Gland, Hyperplasia				1 [3.0]
Subcutaneous Tissue, Metaplasia, Osseous				1 [3.0]
MUSCULOSKELETAL SYSTEM				
Bone	(49)	(50)	(50)	(49)
Cranium, Hyperostosis		1 [1.0]	1 [1.0]	
Joint, Hyperostosis	1 [2.0]			
Skeletal Muscle	(1)	(2)	(2)	(3)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Atrophy	2 [3.0]	1 [2.0]	1 [2.0]	
Hydrocephalus			1 [2.0]	
Hippocampus, Necrosis, Acute		1 [3.0]		
Meninges, Infiltration Cellular	1 [1.0]	1 [1.0]		
Meninges, Infiltration Cellular, Mononuclear Cell				1 [2.0]
Peripheral Nerve	(0)	(2)	(0)	(1)
Infiltration Cellular, Lymphocyte				1 [3.0]
Spinal Cord	(1)	(1)	(0)	(1)
Meninges, Infiltration Cellular, Mononuclear Cell				1 [2.0]

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Test Type: CHRONIC

Diethylamine

Time Report Requested: 13:20:12

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 109-89-7

First Dose M/F: 08/18/03 / 08/18/03

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
RESPIRATORY SYSTEM				
Larynx	(50)	(50)	(50)	(50)
Atypia Cellular			1 [1.0]	
Hyperplasia, Squamous	1 [4.0]	2 [2.0]	1 [2.0]	3 [2.7]
Lung	(50)	(50)	(50)	(50)
Fibrosis	1 [2.0]			
Hemorrhage		1 [2.0]		1 [1.0]
Hyperplasia, Lymphoid			1 [2.0]	
Infiltration Cellular, Histiocyte	1 [2.0]	2 [2.0]	3 [1.7]	1 [1.0]
Inflammation, Suppurative	1 [1.0]			
Metaplasia, Osseous	1 [1.0]			
Thrombosis	1 [1.0]	1 [1.0]	1 [2.0]	
Alveolar Epithelium, Hyperplasia		1 [3.0]	3 [1.3]	1 [3.0]
Arteriole, Inflammation, Chronic Active				1 [3.0]
Bronchiole, Degeneration, Hyaline	1 [2.0]			
Nose	(50)	(49)	(50)	(50)
Inflammation, Suppurative	2 [1.0]	1 [1.0]	3 [1.0]	9 [1.1]
Glands, Respiratory Epithelium, Accumulation, Hyaline Droplet	16 [1.3]	28 [1.4]	45 [1.9]	42 [1.8]
Glands, Respiratory Epithelium, Hyperplasia	43 [1.2]	45 [1.2]	47 [1.4]	50 [2.0]
Glands, Respiratory Epithelium, Inflammation, Chronic Active	8 [1.0]	11 [1.0]	16 [1.1]	22 [1.1]
Olfactory Epithelium, Accumulation, Hyaline Droplet	11 [1.2]	19 [1.1]	8 [1.0]	17 [1.1]
Olfactory Epithelium, Atrophy	8 [1.0]	29 [1.4]	49 [2.1]	50 [2.6]
Olfactory Epithelium, Necrosis			2 [1.0]	1 [1.0]
Olfactory Epithelium, Respiratory Metaplasia	4 [1.0]	15 [1.6]	48 [2.8]	50 [3.0]
Olfactory Epithelium, Vacuolization Cytoplasmic		5 [1.6]	1 [2.0]	1 [2.0]
Respiratory Epithelium, Accumulation, Hyaline Droplet	20 [1.7]	33 [1.3]	47 [2.2]	29 [1.1]
Respiratory Epithelium, Metaplasia, Squamous			13 [1.1]	35 [1.3]
Respiratory Epithelium, Necrosis	1 [1.0]		6 [1.5]	16 [1.6]
Respiratory Epithelium, Ulcer				2 [1.0]
Respiratory Epithelium, Vacuolization Cytoplasmic		2 [2.0]	2 [2.5]	1 [3.0]

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Diethylamine

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CAS Number: 109-89-7

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Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE FEMALE	CONTROL	16 PPM	31 PPM	62.5 PPM
Turbinate, Hyperostosis	4 [1.0]	23 [1.1]	49 [1.8]	50 [2.9]
Turbinate, Necrosis				1 [1.0]
Trachea	(50)	(50)	(50)	(50)
Metaplasia, Osseous		1 [1.0]	1 [1.0]	
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(50)	(50)
Atrophy				1 [4.0]
Cataract			1 [3.0]	
Arteriole, Thrombosis	1 [2.0]		1 [2.0]	
Cornea, Hyperplasia, Squamous				
Cornea, Inflammation, Chronic Active	2 [1.5]			1 [3.0]
Cornea, Mineralization	1 [2.0]			
Harderian Gland	(50)	(50)	(50)	(50)
Hyperplasia		1 [2.0]	2 [2.0]	
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Amyloid Deposition	1 [2.0]			
Cyst		1 [1.0]	1 [1.0]	
Hydronephrosis				1 [3.0]
Infarct	2 [1.5]	2 [1.0]	4 [1.5]	6 [2.0]
Metaplasia, Osseous	8 [1.3]	3 [1.0]	1 [1.0]	4 [1.3]
Nephropathy	39 [1.6]	40 [1.2]	43 [1.2]	46 [1.5]
Renal Tubule, Necrosis		1 [3.0]		
Renal Tubule, Pigmentation, Bile				1 [1.0]
Urinary Bladder	(50)	(50)	(49)	(50)
Inflammation		1 [2.0]		

*** END OF REPORT ***

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