

**TDMS No.** 20011 - 05

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** RATS/F 344

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

1-Bromopropane

**CAS Number:** 106-94-5

**Date Report Requested:** 07/09/2008

**Time Report Requested:** 10:20:06

**First Dose M/F:** 07/14/03 / 07/14/03

**Lab:** BNW

**C Number:** C20011

**Lock Date:** 06/15/2006

**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

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
<b>Disposition Summary</b>				
Animals Initially in Study	50	50	50	50
Early Deaths				
Moribund Sacrifice	24	20	28	35
Natural Death	3	4	4	2
Survivors				
Terminal Sacrifice	23	26	18	13
Animals Examined Microscopically	50	50	50	50

## ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(50)	(50)
Intestine Large, Cecum	(47)	(47)	(47)	(48)
Edema	1 (2%)			
Inflammation, Chronic Active			1 (2%)	
Necrosis	1 (2%)			
Artery, Inflammation	1 (2%)			
Intestine Large, Colon	(48)	(48)	(48)	(48)
Artery, Inflammation	1 (2%)			
Intestine Large, Rectum	(48)	(48)	(48)	(49)
Necrosis			1 (2%)	1 (2%)
Intestine Small, Duodenum	(48)	(48)	(48)	(48)
Fibrosis	1 (2%)			
Intestine Small, Ileum	(47)	(47)	(46)	(48)
Inflammation, Chronic Active			1 (2%)	
Necrosis	1 (2%)		1 (2%)	
Intestine Small, Jejunum	(47)	(47)	(46)	(48)
Liver	(50)	(50)	(50)	(50)
Angiectasis		2 (4%)	1 (2%)	
Basophilic Focus	9 (18%)	9 (18%)	8 (16%)	8 (16%)
Clear Cell Focus	16 (32%)	25 (50%)	17 (34%)	15 (30%)
Degeneration, Cystic	2 (4%)	2 (4%)	1 (2%)	4 (8%)
Eosinophilic Focus		1 (2%)	1 (2%)	1 (2%)
Hemorrhage				1 (2%)
Hepatodiaphragmatic Nodule	4 (8%)	1 (2%)		2 (4%)
Mixed Cell Focus	2 (4%)	1 (2%)	3 (6%)	
Necrosis	2 (4%)	1 (2%)	1 (2%)	1 (2%)
Thrombosis	1 (2%)		1 (2%)	
Vacuolization Cytoplasmic	31 (62%)	38 (76%)	32 (64%)	37 (74%)
Serosa, Fibrosis	1 (2%)			
Mesentery	(13)	(13)	(8)	(19)
Necrosis	13 (100%)	13 (100%)	7 (88%)	17 (89%)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Oral Mucosa	(3)	(0)	(2)	(4)
Foreign Body	1 (33%)		1 (50%)	2 (50%)
Hyperplasia, Squamous	1 (33%)		1 (50%)	
Inflammation, Chronic Active	1 (33%)			2 (50%)
Pancreas	(50)	(50)	(50)	(50)
Basophilic Focus	1 (2%)			1 (2%)
Cyst				1 (2%)
Fibrosis				1 (2%)
Necrosis				1 (2%)
Acinus, Atrophy	23 (46%)	13 (26%)	20 (40%)	23 (46%)
Artery, Inflammation	1 (2%)			1 (2%)
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia	1 (2%)			
Inflammation, Chronic Active		1 (2%)	3 (6%)	2 (4%)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Erosion	1 (2%)			
Hyperplasia, Squamous	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Ulcer	7 (14%)	3 (6%)	5 (10%)	4 (8%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	1 (2%)		1 (2%)	
Ulcer	1 (2%)	2 (4%)	1 (2%)	
Artery, Inflammation	1 (2%)			
Epithelium, Hyperplasia				1 (2%)
Tongue	(0)	(0)	(1)	(1)
Hyperplasia, Squamous			1 (100%)	1 (100%)
<b>CARDIOVASCULAR SYSTEM</b>				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	26 (52%)	23 (46%)	23 (46%)	15 (30%)
Atrium, Thrombosis	4 (8%)			2 (4%)
Ventricle, Thrombosis				1 (2%)
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(50)	(50)	(50)	(50)
Hyperplasia	27 (54%)	21 (42%)	22 (44%)	20 (40%)
Vacuolization Cytoplasmic	9 (18%)	16 (32%)	9 (18%)	12 (24%)
Adrenal Medulla	(50)	(50)	(50)	(50)
Hemorrhage	1 (2%)			
Hyperplasia	23 (46%)	18 (36%)	23 (46%)	19 (38%)
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia	10 (20%)	7 (14%)	6 (12%)	9 (18%)
Parathyroid Gland	(46)	(48)	(47)	(46)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Hyperplasia	2 (4%)			
Pituitary Gland	(50)	(50)	(50)	(49)
Cyst	1 (2%)	2 (4%)	1 (2%)	
Hemorrhage	4 (8%)	2 (4%)	5 (10%)	
Pars Distalis, Hyperplasia	8 (16%)	5 (10%)	11 (22%)	7 (14%)
Thyroid Gland	(50)	(50)	(50)	(49)
Ultimobranchial Cyst				1 (2%)
C-cell, Hyperplasia	32 (64%)	31 (62%)	29 (58%)	34 (69%)
Follicular Cell, Hyperplasia		1 (2%)		
<b>GENERAL BODY SYSTEM</b>				
Peritoneum	(0)	(0)	(0)	(2)
Inflammation, Suppurative, Chronic				1 (50%)
<b>GENITAL SYSTEM</b>				
Coagulating Gland	(3)	(0)	(1)	(2)
Hyperplasia	1 (33%)			
Inflammation, Suppurative	2 (67%)			
Epididymis	(50)	(50)	(50)	(50)
Penis	(0)	(3)	(1)	(1)
Concretion			1 (100%)	
Hyperplasia, Squamous		1 (33%)		
Preputial Gland	(50)	(50)	(49)	(50)
Ectasia			1 (2%)	1 (2%)
Hyperplasia	3 (6%)			1 (2%)
Inflammation, Suppurative, Chronic		1 (2%)		
Inflammation, Chronic Active	30 (60%)	33 (66%)	31 (63%)	37 (74%)
Prostate	(50)	(50)	(50)	(50)
Hyperplasia	12 (24%)	13 (26%)	10 (20%)	17 (34%)
Inflammation, Suppurative, Chronic				1 (2%)
Inflammation, Suppurative	38 (76%)	42 (84%)	40 (80%)	36 (72%)
Seminal Vesicle	(50)	(49)	(49)	(50)
Congestion			1 (2%)	
Dilatation				1 (2%)
Hyperplasia				1 (2%)
Inflammation, Suppurative	2 (4%)	1 (2%)		2 (4%)
Testes	(50)	(50)	(50)	(50)
Mineralization		1 (2%)	1 (2%)	
Germinal Epithelium, Atrophy	12 (24%)	8 (16%)	7 (14%)	6 (12%)
Interstitial Cell, Hyperplasia	1 (2%)		2 (4%)	1 (2%)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
<b>HEMATOPOIETIC SYSTEM</b>				
Bone Marrow	(50)	(50)	(50)	(50)
Thrombosis	1 (2%)			
Lymph Node	(5)	(5)	(5)	(4)
Deep Cervical, Angiectasis			1 (20%)	
Pancreatic, Angiectasis		2 (40%)		
Pancreatic, Hemorrhage				1 (25%)
Lymph Node, Bronchial	(3)	(6)	(5)	(8)
Angiectasis	1 (33%)	2 (33%)	2 (40%)	
Fibrosis		1 (17%)		
Hemorrhage	1 (33%)	1 (17%)	1 (20%)	1 (13%)
Hyperplasia, Lymphoid				4 (50%)
Lymph Node, Mandibular	(3)	(1)	(0)	(6)
Angiectasis				1 (17%)
Lymph Node, Mediastinal	(30)	(25)	(23)	(32)
Angiectasis			1 (4%)	3 (9%)
Hyperplasia, Lymphoid		1 (4%)	1 (4%)	2 (6%)
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)
Angiectasis		1 (2%)	1 (2%)	2 (4%)
Hyperplasia, Lymphoid				1 (2%)
Infiltration Cellular, Histiocyte			1 (2%)	
Artery, Necrosis		1 (2%)		
Spleen	(50)	(50)	(49)	(50)
Accessory Spleen	1 (2%)		1 (2%)	
Fibrosis	1 (2%)	2 (4%)	1 (2%)	
Hematopoietic Cell Proliferation	10 (20%)	17 (34%)	13 (27%)	6 (12%)
Hemorrhage, Chronic	4 (8%)		1 (2%)	3 (6%)
Hyperplasia, Lymphoid		1 (2%)		
Infarct, Chronic		1 (2%)	2 (4%)	3 (6%)
Infiltration Cellular, Mononuclear Cell			1 (2%)	
Thymus	(43)	(41)	(47)	(46)
Cyst			1 (2%)	
<b>INTEGUMENTARY SYSTEM</b>				
Mammary Gland	(40)	(36)	(39)	(36)
Galactocele	1 (3%)	1 (3%)		
Hyperplasia		1 (3%)		
Epithelium, Hyperplasia	1 (3%)	1 (3%)		1 (3%)
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion		1 (2%)	1 (2%)	
Foreign Body		1 (2%)		
Hyperkeratosis	3 (6%)		2 (4%)	

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Hyperplasia, Squamous				1 (2%)
Inflammation, Suppurative, Chronic		1 (2%)	2 (4%)	10 (20%)
Inflammation, Chronic Active	1 (2%)	3 (6%)	3 (6%)	4 (8%)
Thrombosis		1 (2%)		
<b>MUSCULOSKELETAL SYSTEM</b>				
Bone	(50)	(50)	(50)	(50)
Fibrosis				1 (2%)
Hyperostosis				1 (2%)
Inflammation, Suppurative, Chronic				2 (4%)
Skeletal Muscle	(1)	(1)	(3)	(3)
Inflammation, Suppurative, Chronic				1 (33%)
<b>NERVOUS SYSTEM</b>				
Brain	(50)	(50)	(50)	(50)
Hemorrhage	1 (2%)	1 (2%)	2 (4%)	2 (4%)
Spinal Cord	(1)	(1)	(2)	(1)
<b>RESPIRATORY SYSTEM</b>				
Larynx	(50)	(50)	(50)	(50)
Foreign Body	6 (12%)	1 (2%)	5 (10%)	1 (2%)
Inflammation, Suppurative, Chronic				1 (2%)
Inflammation, Chronic Active	21 (42%)	28 (56%)	31 (62%)	26 (52%)
Metaplasia, Squamous	4 (8%)	6 (12%)	8 (16%)	5 (10%)
Respiratory Epithelium, Hyperplasia	1 (2%)		1 (2%)	1 (2%)
Lung	(50)	(50)	(50)	(50)
Foreign Body			1 (2%)	
Hemorrhage	2 (4%)	5 (10%)	1 (2%)	1 (2%)
Inflammation, Suppurative, Chronic			1 (2%)	3 (6%)
Inflammation, Chronic Active	5 (10%)			3 (6%)
Metaplasia, Osseous		1 (2%)		
Alveolar Epithelium, Hyperplasia	15 (30%)	11 (22%)	13 (26%)	11 (22%)
Alveolar Epithelium, Metaplasia, Squamous			1 (2%)	
Alveolus, Infiltration Cellular, Histiocyte	16 (32%)	14 (28%)	13 (26%)	11 (22%)
Artery, Inflammation				1 (2%)
Nose	(50)	(48)	(48)	(50)
Degeneration, Hyaline		1 (2%)		
Foreign Body	11 (22%)	10 (21%)	15 (31%)	11 (22%)
Inflammation, Suppurative, Chronic		1 (2%)	2 (4%)	7 (14%)
Inflammation, Chronic Active	29 (58%)	33 (69%)	34 (71%)	35 (70%)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Epithelium, Accumulation, Hyaline Droplet	44 (88%)	39 (81%)	36 (75%)	44 (88%)
Glands, Hyperplasia	5 (10%)	14 (29%)	14 (29%)	15 (30%)
Olfactory Epithelium, Atrophy			1 (2%)	
Olfactory Epithelium, Metaplasia, Respiratory	7 (14%)	10 (21%)	12 (25%)	12 (24%)
Respiratory Epithelium, Hyperplasia	14 (28%)	15 (31%)	20 (42%)	17 (34%)
Respiratory Epithelium, Metaplasia, Squamous	1 (2%)	1 (2%)		2 (4%)
Trachea	(50)	(50)	(50)	(50)
Inflammation, Chronic Active	1 (2%)	1 (2%)	1 (2%)	4 (8%)
Epithelium, Hyperplasia	1 (2%)			1 (2%)
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(49)	(49)	(50)	(50)
Inflammation, Chronic Active			1 (2%)	2 (4%)
Lens, Cataract	2 (4%)		3 (6%)	2 (4%)
Retina, Degeneration		1 (2%)		
Harderian Gland	(50)	(50)	(50)	(50)
Inflammation, Suppurative, Chronic				2 (4%)
Lacrimal Gland	(1)	(0)	(0)	(0)
Inflammation, Chronic Active	1 (100%)			
Zymbal's Gland	(0)	(1)	(2)	(2)
<b>URINARY SYSTEM</b>				
Kidney	(50)	(50)	(50)	(49)
Cyst			1 (2%)	1 (2%)
Inflammation, Suppurative	1 (2%)			
Nephropathy, Chronic	44 (88%)	45 (90%)	39 (78%)	44 (90%)
Cortex, Infarct	1 (2%)			
Cortex, Renal Tubule, Casts Granular			2 (4%)	
Pelvis, Inflammation, Chronic Active				2 (4%)
Urinary Bladder	(50)	(50)	(50)	(50)
Hemorrhage			1 (2%)	
Inflammation, Chronic Active	1 (2%)			1 (2%)
Transitional Epithelium, Hyperplasia				1 (2%)

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

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
<b>Disposition Summary</b>				
Animals Initially in Study	50	50	50	50
Early Deaths				
Accidently Killed				2
Moribund Sacrifice	13	17	17	23
Natural Death	3		3	1
Survivors				
Terminal Sacrifice	34	33	30	24
Animals Examined Microscopically	50	50	50	50

## ALIMENTARY SYSTEM

Intestine Large, Colon	(47)	(50)	(48)	(49)
Intestine Large, Rectum	(47)	(50)	(48)	(49)
Inflammation, Suppurative				1 (2%)
Necrosis				1 (2%)
Intestine Small, Ileum	(46)	(50)	(47)	(48)
Intestine Small, Jejunum	(47)	(50)	(47)	(48)
Liver	(50)	(50)	(50)	(50)
Angiectasis	3 (6%)	2 (4%)	2 (4%)	1 (2%)
Basophilic Focus	40 (80%)	43 (86%)	42 (84%)	39 (78%)
Clear Cell Focus	30 (60%)	34 (68%)	35 (70%)	35 (70%)
Cyst	1 (2%)			
Degeneration, Cystic				1 (2%)
Eosinophilic Focus	1 (2%)		1 (2%)	
Hepatodiaphragmatic Nodule	4 (8%)	9 (18%)	5 (10%)	5 (10%)
Mixed Cell Focus	2 (4%)	2 (4%)	3 (6%)	3 (6%)
Necrosis	1 (2%)		1 (2%)	
Vacuolization Cytoplasmic	40 (80%)	41 (82%)	39 (78%)	47 (94%)
Bile Duct, Cyst				1 (2%)
Serosa, Fibrosis	1 (2%)			
Mesentery	(13)	(26)	(17)	(23)
Necrosis	13 (100%)	26 (100%)	16 (94%)	22 (96%)
Oral Mucosa	(2)	(0)	(1)	(1)
Foreign Body			1 (100%)	1 (100%)
Hyperplasia, Squamous	2 (100%)		1 (100%)	1 (100%)
Inflammation, Chronic Active				1 (100%)
Pancreas	(50)	(50)	(50)	(50)
Acinus, Atrophy	9 (18%)	12 (24%)	7 (14%)	7 (14%)
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia			1 (2%)	
Inflammation, Chronic Active				1 (2%)



FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Necrosis			1 (2%)	
Stomach, Forestomach	(50)	(50)	(50)	(50)
Hyperplasia, Basal Cell	1 (2%)			1 (2%)
Hyperplasia, Squamous	4 (8%)		2 (4%)	2 (4%)
Ulcer	2 (4%)	3 (6%)	3 (6%)	6 (12%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion		1 (2%)		
Ulcer	3 (6%)	1 (2%)	1 (2%)	1 (2%)
Tongue	(0)	(1)	(0)	(1)
Hyperplasia, Squamous		1 (100%)		
Tooth	(0)	(0)	(1)	(0)
Inflammation, Chronic Active			1 (100%)	
<b>CARDIOVASCULAR SYSTEM</b>				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	35 (70%)	32 (64%)	34 (68%)	21 (42%)
Atrium, Thrombosis	1 (2%)			
<b>ENDOCRINE SYSTEM</b>				
Adrenal Cortex	(50)	(50)	(50)	(50)
Degeneration, Cystic	1 (2%)		1 (2%)	
Hyperplasia	27 (54%)	30 (60%)	24 (48%)	26 (52%)
Necrosis				1 (2%)
Vacuolization Cytoplasmic	12 (24%)	16 (32%)	16 (32%)	11 (22%)
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	4 (8%)	9 (18%)	7 (14%)	6 (12%)
Metaplasia, Osseous	1 (2%)			
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia		3 (6%)	4 (8%)	4 (8%)
Metaplasia, Hepatocyte			2 (4%)	1 (2%)
Pituitary Gland	(50)	(50)	(50)	(50)
Cyst	2 (4%)	1 (2%)	2 (4%)	2 (4%)
Hemorrhage	2 (4%)	4 (8%)	5 (10%)	3 (6%)
Pars Distalis, Hyperplasia	7 (14%)	11 (22%)	7 (14%)	7 (14%)
Thyroid Gland	(50)	(50)	(50)	(50)
Ultimobranchial Cyst	1 (2%)	1 (2%)		
C-cell, Hyperplasia	39 (78%)	36 (72%)	37 (74%)	37 (74%)
Follicular Cell, Hyperplasia		1 (2%)	2 (4%)	
<b>GENERAL BODY SYSTEM</b>				

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
None				
<b>GENITAL SYSTEM</b>				
Clitoral Gland	(49)	(50)	(49)	(49)
Hyperplasia	3 (6%)	5 (10%)	9 (18%)	4 (8%)
Inflammation, Chronic Active	22 (45%)	26 (52%)	26 (53%)	18 (37%)
Ovary	(50)	(50)	(50)	(50)
Cyst	3 (6%)	1 (2%)	7 (14%)	3 (6%)
Interstitial Cell, Hyperplasia			1 (2%)	
Uterus	(50)	(50)	(50)	(50)
Congestion			1 (2%)	
Cyst				1 (2%)
Decidual Reaction				2 (4%)
Hemorrhage		2 (4%)		1 (2%)
Hydrometra		1 (2%)		
Inflammation, Chronic Active				1 (2%)
Endometrium, Hyperplasia			1 (2%)	
Vagina	(3)	(0)	(0)	(0)
Muscularis, Hypertrophy	2 (67%)			
<b>HEMATOPOIETIC SYSTEM</b>				
Bone Marrow	(50)	(50)	(50)	(50)
Hyperplasia, Histiocytic	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Lymph Node	(1)	(3)	(2)	(2)
Inflammation, Chronic Active	1 (100%)			
Deep Cervical, Ectasia		1 (33%)		
Deep Cervical, Hyperplasia, Lymphoid		1 (33%)		
Pancreatic, Hemorrhage				1 (50%)
Lymph Node, Bronchial	(1)	(4)	(5)	(7)
Angiectasis	1 (100%)		2 (40%)	1 (14%)
Hemorrhage			1 (20%)	1 (14%)
Lymph Node, Mediastinal	(34)	(30)	(31)	(28)
Angiectasis			2 (6%)	2 (7%)
Hemorrhage				2 (7%)
Lymph Node, Mesenteric	(49)	(49)	(50)	(50)
Hemorrhage			1 (2%)	
Hyperplasia, Lymphoid	1 (2%)			
Infiltration Cellular, Histiocyte	1 (2%)			1 (2%)
Spleen	(50)	(50)	(50)	(50)
Hematopoietic Cell Proliferation	33 (66%)	32 (64%)	29 (58%)	21 (42%)
Hemorrhage, Chronic	1 (2%)		1 (2%)	2 (4%)
Infarct, Chronic	1 (2%)	1 (2%)	1 (2%)	1 (2%)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Inflammation, Granulomatous		2 (4%)		
Lymphoid Follicle, Atrophy		1 (2%)		
Thymus	(46)	(45)	(45)	(43)
Cyst	1 (2%)			
<b>INTEGUMENTARY SYSTEM</b>				
Mammary Gland	(50)	(50)	(50)	(50)
Galactocele	1 (2%)		3 (6%)	1 (2%)
Hyperplasia	1 (2%)			
Inflammation, Chronic Active			1 (2%)	1 (2%)
Skin	(50)	(50)	(50)	(50)
Hyperkeratosis	1 (2%)	2 (4%)	2 (4%)	
Hyperplasia, Squamous		1 (2%)		
Inflammation, Suppurative, Chronic		1 (2%)		1 (2%)
Inflammation, Chronic Active	1 (2%)	2 (4%)	1 (2%)	
Ulcer		1 (2%)	1 (2%)	
<b>MUSCULOSKELETAL SYSTEM</b>				
Bone	(50)	(50)	(50)	(50)
Fracture				1 (2%)
Inflammation, Suppurative, Chronic				1 (2%)
Skeletal Muscle	(0)	(0)	(1)	(4)
<b>NERVOUS SYSTEM</b>				
Brain	(50)	(50)	(50)	(50)
Angiectasis		1 (2%)		
Hemorrhage			1 (2%)	
Spinal Cord	(0)	(1)	(0)	(3)
Cyst Epithelial Inclusion				1 (33%)
<b>RESPIRATORY SYSTEM</b>				
Larynx	(50)	(50)	(50)	(50)
Foreign Body	8 (16%)	6 (12%)	3 (6%)	4 (8%)
Inflammation, Suppurative, Chronic				3 (6%)
Inflammation, Chronic Active	18 (36%)	25 (50%)	30 (60%)	32 (64%)
Metaplasia, Squamous	3 (6%)	2 (4%)	6 (12%)	21 (42%)
Necrosis				1 (2%)
Respiratory Epithelium, Hyperplasia		1 (2%)		

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Lung	(50)	(50)	(50)	(50)
Hemorrhage	4 (8%)	6 (12%)	4 (8%)	4 (8%)
Inflammation, Suppurative, Chronic				4 (8%)
Inflammation, Chronic Active	6 (12%)	10 (20%)	12 (24%)	2 (4%)
Alveolar Epithelium, Hyperplasia	11 (22%)	10 (20%)	16 (32%)	8 (16%)
Alveolus, Infiltration Cellular, Histiocyte	30 (60%)	30 (60%)	29 (58%)	26 (52%)
Nose	(50)	(50)	(49)	(50)
Foreign Body	6 (12%)	6 (12%)	6 (12%)	9 (18%)
Inflammation, Suppurative, Chronic		1 (2%)	3 (6%)	7 (14%)
Inflammation, Chronic Active	24 (48%)	37 (74%)	37 (76%)	36 (72%)
Epithelium, Accumulation, Hyaline Droplet	48 (96%)	48 (96%)	48 (98%)	47 (94%)
Glands, Hyperplasia	6 (12%)	23 (46%)	28 (57%)	30 (60%)
Olfactory Epithelium, Hyperplasia	1 (2%)			
Olfactory Epithelium, Metaplasia, Respiratory	3 (6%)	4 (8%)	6 (12%)	9 (18%)
Respiratory Epithelium, Hyperplasia	5 (10%)	13 (26%)	9 (18%)	18 (36%)
Respiratory Epithelium, Metaplasia, Squamous	1 (2%)	1 (2%)	5 (10%)	1 (2%)
Pleura	(0)	(0)	(1)	(0)
Trachea	(50)	(50)	(50)	(50)
Inflammation, Chronic Active		4 (8%)	1 (2%)	6 (12%)
Epithelium, Hyperplasia				4 (8%)
Epithelium, Metaplasia, Squamous				1 (2%)
Epithelium, Necrosis				1 (2%)
<b>SPECIAL SENSES SYSTEM</b>				
Ear	(0)	(0)	(1)	(1)
Inflammation, Suppurative, Chronic				1 (100%)
Eye	(50)	(50)	(50)	(50)
Cornea, Inflammation, Chronic Active			1 (2%)	
Lens, Cataract	4 (8%)	3 (6%)	5 (10%)	2 (4%)
Harderian Gland	(50)	(50)	(50)	(50)
Inflammation, Suppurative, Chronic				1 (2%)
Inflammation, Chronic Active			1 (2%)	1 (2%)
Zymbal's Gland	(1)	(1)	(2)	(0)
<b>URINARY SYSTEM</b>				
Kidney	(49)	(50)	(50)	(50)
Cyst	1 (2%)	1 (2%)		
Nephropathy, Chronic	35 (71%)	35 (70%)	31 (62%)	29 (58%)
Cortex, Infarct			1 (2%)	
Cortex, Renal Tubule, Accumulation, Hyaline Droplet			1 (2%)	

TDMS No. 20011 - 05

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344

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

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 07/09/2008

Time Report Requested: 10:20:06

First Dose M/F: 07/14/03 / 07/14/03

Lab: BNW

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FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Pelvis, Inflammation, Suppurative			1 (2%)	
Pelvis, Inflammation, Chronic Active			1 (2%)	

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\*\*\* END OF REPORT \*\*\*