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
Disposition Summary				
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 [2.0]			
Inflammation, Chronic Active			1 [2.0]	
Necrosis	1 [2.0]			
Artery, Inflammation	1 [2.0]			
Intestine Large, Colon	(48)	(48)	(48)	(48)
Artery, Inflammation	1 [2.0]			
Intestine Large, Rectum	(48)	(48)	(48)	(49)
Necrosis			1 [1.0]	1 [1.0]
Intestine Small, Duodenum	(48)	(48)	(48)	(48)
Fibrosis	1 [3.0]			
Intestine Small, Ileum	(47)	(47)	(46)	(48)
Inflammation, Chronic Active			1 [2.0]	
Necrosis	1 [1.0]		1 [1.0]	
Intestine Small, Jejunum	(47)	(47)	(46)	(48)
Liver	(50)	(50)	(50)	(50)
Angiectasis		2 [3.0]	1 [2.0]	
Basophilic Focus	9 [3.0]	9 [3.0]	8 [3.0]	8 [3.0]
Clear Cell Focus	16 [2.1]	25 [2.0]	17 [2.2]	15 [2.0]
Degeneration, Cystic	2 [2.5]	2 [2.0]	1 [2.0]	4 [2.3]
Eosinophilic Focus		1 [2.0]	1 [2.0]	1 [3.0]
Hemorrhage				1 [3.0]
Hepatodiaphragmatic Nodule	4 [3.8]	1 [4.0]		2 [3.5]
Mixed Cell Focus	2 [2.5]	1 [2.0]	3 [2.0]	
Necrosis	2 [2.5]	1 [1.0]	1 [3.0]	1 [3.0]

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)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Thrombosis	1 [2.0]		1 [2.0]	
Vacuolization Cytoplasmic	31 [2.1]	38 [1.8]	32 [1.9]	37 [2.3]
Serosa, Fibrosis	1 [2.0]			
Mesentery	(13)	(13)	(8)	(19)
Necrosis	13 [3.0]	13 [3.0]	7 [3.0]	17 [3.0]
Oral Mucosa	(3)	(0)	(2)	(4)
Foreign Body	1		1	2
Hyperplasia, Squamous	1 [2.0]		1 [2.0]	
Inflammation, Chronic Active	1 [3.0]			2 [2.0]
Pancreas	(50)	(50)	(50)	(50)
Basophilic Focus	1 [1.0]			1 [1.0]
Cyst				1 [3.0]
Fibrosis				1 [4.0]
Necrosis				1 [2.0]
Acinus, Atrophy	23 [1.4]	13 [2.0]	20 [1.9]	23 [1.9]
Artery, Inflammation	1 [3.0]			1 [3.0]
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia	1 [1.0]			
Inflammation, Chronic Active		1 [1.0]	3 [1.7]	2 [2.0]
Stomach, Forestomach	(50)	(50)	(50)	(50)
Erosion	1 [1.0]			
Hyperplasia, Squamous	1 [2.0]	1 [1.0]	1 [2.0]	1 [2.0]
Ulcer	7 [2.6]	3 [2.0]	5 [2.2]	4 [2.0]
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	1 [1.0]		1 [2.0]	
Ulcer	1 [2.0]	2 [2.5]	1 [2.0]	
Artery, Inflammation	1 [2.0]			
Epithelium, Hyperplasia				1 [2.0]
Tongue	(0)	(0)	(1)	(1)
Hyperplasia, Squamous			1 [1.0]	1 [3.0]
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	26 [1.5]	23 [1.8]	23 [1.7]	15 [1.7]
Atrium, Thrombosis	4 [3.3]			2 [3.0]
Ventricle, Thrombosis				1 [3.0]
ENDOCRINE 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)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Adrenal Cortex	(50)	(50)	(50)	(50)
Hyperplasia	27 [1.8]	21 [1.8]	22 [1.8]	20 [1.6]
Vacuolization Cytoplasmic	9 [1.2]	16 [1.6]	9 [2.0]	12 [1.7]
Adrenal Medulla	(50)	(50)	(50)	(50)
Hemorrhage	1 [4.0]			
Hyperplasia	23 [1.7]	18 [1.9]	23 [1.8]	19 [1.6]
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia	10 [1.7]	7 [1.9]	6 [1.3]	9 [1.8]
Parathyroid Gland	(46)	(48)	(47)	(46)
Hyperplasia	2 [1.5]			
Pituitary Gland	(50)	(50)	(50)	(49)
Cyst	1 [2.0]	2 [3.5]	1 [3.0]	
Hemorrhage	4 [3.0]	2 [3.5]	5 [2.8]	
Pars Distalis, Hyperplasia	8 [1.9]	5 [2.0]	11 [1.5]	7 [1.7]
Thyroid Gland	(50)	(50)	(50)	(49)
Ultimobranchial Cyst				1 [2.0]
C-cell, Hyperplasia	32 [1.7]	31 [1.8]	29 [1.7]	34 [1.5]
Follicular Cell, Hyperplasia		1 [2.0]		
GENERAL BODY SYSTEM				
Peritoneum	(0)	(0)	(0)	(2)
Inflammation, Suppurative, Chronic				1 [4.0]
GENITAL SYSTEM				
Coagulating Gland	(3)	(0)	(1)	(2)
Hyperplasia	1 [3.0]			
Inflammation, Suppurative	2 [3.0]			
Epididymis	(50)	(50)	(50)	(50)
Penis	(0)	(3)	(1)	(1)
Concretion			1 [2.0]	
Hyperplasia, Squamous		1 [1.0]		
Preputial Gland	(50)	(50)	(49)	(50)
Ectasia			1 [2.0]	1 [3.0]
Hyperplasia	3 [3.3]			1 [2.0]
Inflammation, Suppurative, Chronic		1 [4.0]		
Inflammation, Chronic Active	30 [1.5]	33 [2.1]	31 [1.8]	37 [1.8]
Prostate	(50)	(50)	(50)	(50)

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)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Hyperplasia	12 [1.3]	13 [1.4]	10 [1.6]	17 [1.4]
Inflammation, Suppurative, Chronic				1 [4.0]
Inflammation, Suppurative	38 [1.6]	42 [1.8]	40 [1.5]	36 [1.4]
Seminal Vesicle	(50)	(49)	(49)	(50)
Congestion			1 [3.0]	
Dilatation				1 [3.0]
Hyperplasia				1 [2.0]
Inflammation, Suppurative	2 [2.5]	1 [3.0]		2 [4.0]
Testes	(50)	(50)	(50)	(50)
Mineralization		1 [2.0]	1 [1.0]	
Germinal Epithelium, Atrophy	12 [2.7]	8 [3.3]	7 [2.6]	6 [2.8]
Interstitial Cell, Hyperplasia	1 [2.0]		2 [1.5]	1 [1.0]
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Thrombosis	1 [2.0]			
Lymph Node	(5)	(5)	(5)	(4)
Deep Cervical, Angiectasis			1 [3.0]	
Pancreatic, Angiectasis		2 [3.0]		
Pancreatic, Hemorrhage				1 [2.0]
Lymph Node, Bronchial	(3)	(6)	(5)	(8)
Angiectasis	1 [3.0]	2 [3.0]	2 [3.5]	
Fibrosis		1 [2.0]		
Hemorrhage	1 [2.0]	1 [2.0]	1 [3.0]	1 [2.0]
Hyperplasia, Lymphoid				4 [2.5]
Lymph Node, Mandibular	(3)	(1)	(0)	(6)
Angiectasis				1 [3.0]
Lymph Node, Mediastinal	(30)	(25)	(23)	(32)
Angiectasis			1 [3.0]	3 [3.0]
Hyperplasia, Lymphoid		1 [3.0]	1 [2.0]	2 [2.5]
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)
Angiectasis		1 [3.0]	1 [3.0]	2 [2.5]
Hyperplasia, Lymphoid				1 [2.0]
Infiltration Cellular, Histiocyte			1 [3.0]	
Artery, Necrosis		1 [3.0]		
Spleen	(50)	(50)	(49)	(50)
Accessory Spleen	1		1	
Fibrosis	1 [2.0]	2 [3.0]	1 [2.0]	

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)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Hematopoietic Cell Proliferation	10 [1.2]	17 [1.8]	13 [1.8]	6 [2.2]
Hemorrhage, Chronic	4 [3.5]		1 [4.0]	3 [3.7]
Hyperplasia, Lymphoid		1 [2.0]		
Infarct, Chronic		1 [3.0]	2 [3.0]	3 [3.3]
Infiltration Cellular, Mononuclear Cell			1 [3.0]	
Thymus	(43)	(41)	(47)	(46)
Cyst			1 [4.0]	
INTEGUMENTARY SYSTEM				
Mammary Gland	(40)	(36)	(39)	(36)
Galactocele	1 [3.0]	1 [4.0]		
Hyperplasia		1 [4.0]		
Epithelium, Hyperplasia	1 [1.0]	1 [2.0]		1 [1.0]
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion		1 [4.0]	1 [3.0]	
Foreign Body		1		
Hyperkeratosis	3 [2.7]		2 [3.0]	
Hyperplasia, Squamous				1 [1.0]
Inflammation, Suppurative, Chronic		1 [4.0]	2 [4.0]	10 [4.0]
Inflammation, Chronic Active	1 [2.0]	3 [3.3]	3 [3.0]	4 [2.5]
Thrombosis		1 [3.0]		
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fibrosis				1 [4.0]
Hyperostosis				1 [1.0]
Inflammation, Suppurative, Chronic				2 [4.0]
Skeletal Muscle	(1)	(1)	(3)	(3)
Inflammation, Suppurative, Chronic				1 [4.0]
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Hemorrhage	1 [2.0]	1 [2.0]	2 [2.0]	2 [2.0]
Spinal Cord	(1)	(1)	(2)	(1)

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)

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
RESPIRATORY SYSTEM				
Larynx	(50)	(50)	(50)	(50)
Foreign Body	6	1	5	1
Inflammation, Suppurative, Chronic				1 [4.0]
Inflammation, Chronic Active	21 [1.4]	28 [1.3]	31 [1.4]	26 [1.3]
Metaplasia, Squamous	4 [1.0]	6 [1.0]	8 [1.1]	5 [1.2]
Respiratory Epithelium, Hyperplasia	1 [1.0]		1 [1.0]	1 [2.0]
Lung	(50)	(50)	(50)	(50)
Foreign Body			1	
Hemorrhage	2 [2.0]	5 [2.0]	1 [2.0]	1 [2.0]
Inflammation, Suppurative, Chronic			1 [4.0]	3 [4.0]
Inflammation, Chronic Active	5 [2.0]			3 [1.7]
Metaplasia, Osseous		1 [2.0]		
Alveolar Epithelium, Hyperplasia	15 [1.6]	11 [1.8]	13 [1.8]	11 [1.1]
Alveolar Epithelium, Metaplasia, Squamous			1 [1.0]	
Alveolus, Infiltration Cellular, Histiocyte	16 [1.8]	14 [1.3]	13 [1.5]	11 [1.8]
Artery, Inflammation				1 [2.0]
Nose	(50)	(48)	(48)	(50)
Degeneration, Hyaline		1 [2.0]		
Foreign Body	11	10	15	11
Inflammation, Suppurative, Chronic		1 [4.0]	2 [4.0]	7 [4.0]
Inflammation, Chronic Active	29 [1.6]	33 [1.4]	34 [1.5]	35 [1.5]
Epithelium, Accumulation, Hyaline Droplet	44 [1.0]	39 [1.5]	36 [1.3]	44 [1.3]
Glands, Hyperplasia	5 [2.0]	14 [2.0]	14 [2.0]	15 [2.0]
Olfactory Epithelium, Atrophy			1 [1.0]	
Olfactory Epithelium, Metaplasia, Respiratory	7 [1.4]	10 [1.5]	12 [1.6]	12 [1.8]
Respiratory Epithelium, Hyperplasia	14 [1.6]	15 [1.8]	20 [1.7]	17 [1.9]
Respiratory Epithelium, Metaplasia, Squamous	1 [1.0]	1 [1.0]		2 [1.5]
Trachea	(50)	(50)	(50)	(50)
Inflammation, Chronic Active	1 [2.0]	1 [1.0]	1 [1.0]	4 [1.5]
Epithelium, Hyperplasia	1 [2.0]			1 [2.0]
SPECIAL SENSES 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)

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
1-Bromopropane
CAS Number: 106-94-5

FISCHER 344 RATS MALE	CONTROL	125 PPM	250 PPM	500 PPM
Eye	(49)	(49)	(50)	(50)
Inflammation, Chronic Active			1 [1.0]	2 [1.5]
Lens, Cataract	2 [3.0]		3 [3.0]	2 [3.0]
Retina, Degeneration		1 [1.0]		
Harderian Gland	(50)	(50)	(50)	(50)
Inflammation, Suppurative, Chronic				2 [4.0]
Lacrimal Gland	(1)	(0)	(0)	(0)
Inflammation, Chronic Active	1 [3.0]			
Zymbal's Gland	(0)	(1)	(2)	(2)
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(49)
Cyst			1 [3.0]	1 [3.0]
Inflammation, Suppurative	1 [3.0]			
Nephropathy, Chronic	44 [2.0]	45 [2.6]	39 [2.3]	44 [2.3]
Cortex, Infarct	1 [2.0]			
Cortex, Renal Tubule, Casts Granular			2 [1.0]	
Pelvis, Inflammation, Chronic Active				2 [2.0]
Urinary Bladder	(50)	(50)	(50)	(50)
Hemorrhage			1 [3.0]	
Inflammation, Chronic Active	1 [2.0]			1 [2.0]
Transitional Epithelium, Hyperplasia				1 [4.0]

*** END OF MALE ***

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)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Disposition Summary				
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 [1.0]
Necrosis				1 [1.0]
Intestine Small, Ileum	(46)	(50)	(47)	(48)
Intestine Small, Jejunum	(47)	(50)	(47)	(48)
Liver	(50)	(50)	(50)	(50)
Angiectasis	3 [2.7]	2 [3.5]	2 [2.5]	1 [3.0]
Basophilic Focus	40 [3.0]	43 [3.0]	42 [3.0]	39 [3.0]
Clear Cell Focus	30 [2.4]	34 [2.1]	35 [2.4]	35 [2.5]
Cyst	1 [2.0]			
Degeneration, Cystic				1 [2.0]
Eosinophilic Focus	1 [2.0]		1 [3.0]	
Hepatodiaphragmatic Nodule	4 [4.0]	9 [4.0]	5 [4.0]	5 [4.0]
Mixed Cell Focus	2 [3.0]	2 [3.0]	3 [3.0]	3 [2.3]
Necrosis	1 [3.0]		1 [2.0]	
Vacuolization Cytoplasmic	40 [2.1]	41 [1.9]	39 [2.1]	47 [2.5]
Bile Duct, Cyst				1 [3.0]
Serosa, Fibrosis	1 [2.0]			
Mesentery	(13)	(26)	(17)	(23)
Necrosis	13 [3.0]	26 [3.0]	16 [3.0]	22 [3.0]
Oral Mucosa	(2)	(0)	(1)	(1)
Foreign Body			1	1
Hyperplasia, Squamous	2 [2.5]		1 [3.0]	1 [2.0]
Inflammation, Chronic Active				1 [2.0]

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)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Pancreas	(50)	(50)	(50)	(50)
Acinus, Atrophy	9 [1.6]	12 [1.5]	7 [1.6]	7 [1.7]
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia			1 [1.0]	
Inflammation, Chronic Active				1 [1.0]
Necrosis			1 [4.0]	
Stomach, Forestomach	(50)	(50)	(50)	(50)
Hyperplasia, Basal Cell	1 [2.0]			1 [2.0]
Hyperplasia, Squamous	4 [2.0]		2 [2.0]	2 [2.0]
Ulcer	2 [2.5]	3 [1.7]	3 [2.0]	6 [1.8]
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion		1 [1.0]		
Ulcer	3 [1.7]	1 [1.0]	1 [2.0]	1 [2.0]
Tongue	(0)	(1)	(0)	(1)
Hyperplasia, Squamous		1 [2.0]		
Tooth	(0)	(0)	(1)	(0)
Inflammation, Chronic Active			1 [3.0]	
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	35 [1.4]	32 [1.4]	34 [1.4]	21 [1.4]
Atrium, Thrombosis	1 [3.0]			
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Degeneration, Cystic	1 [4.0]		1 [4.0]	
Hyperplasia	27 [1.8]	30 [1.7]	24 [1.8]	26 [2.0]
Necrosis				1 [2.0]
Vacuolization Cytoplasmic	12 [2.1]	16 [2.3]	16 [2.1]	11 [1.8]
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	4 [2.5]	9 [1.7]	7 [1.4]	6 [1.7]
Metaplasia, Osseous	1 [3.0]			
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia		3 [3.0]	4 [2.0]	4 [2.5]
Metaplasia, Hepatocyte			2 [1.0]	1 [1.0]
Pituitary Gland	(50)	(50)	(50)	(50)
Cyst	2 [3.0]	1 [4.0]	2 [3.0]	2 [1.5]

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)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Hemorrhage	2 [2.5]	4 [2.8]	5 [2.8]	3 [2.7]
Pars Distalis, Hyperplasia	7 [2.6]	11 [2.4]	7 [2.6]	7 [2.0]
Thyroid Gland	(50)	(50)	(50)	(50)
Ultimobranchial Cyst	1 [2.0]	1 [2.0]		
C-cell, Hyperplasia	39 [2.2]	36 [1.9]	37 [1.8]	37 [1.8]
Follicular Cell, Hyperplasia		1 [2.0]	2 [2.0]	
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Clitoral Gland	(49)	(50)	(49)	(49)
Hyperplasia	3 [3.0]	5 [3.0]	9 [2.8]	4 [4.0]
Inflammation, Chronic Active	22 [1.5]	26 [1.8]	26 [1.9]	18 [2.1]
Ovary	(50)	(50)	(50)	(50)
Cyst	3 [3.3]	1 [4.0]	7 [3.9]	3 [4.0]
Interstitial Cell, Hyperplasia			1 [4.0]	
Uterus	(50)	(50)	(50)	(50)
Congestion			1 [2.0]	
Cyst				1 [3.0]
Decidual Reaction				2 [3.5]
Hemorrhage		2 [3.5]		1 [4.0]
Hydrometra		1 [3.0]		
Inflammation, Chronic Active				1 [2.0]
Endometrium, Hyperplasia			1 [2.0]	
Vagina	(3)	(0)	(0)	(0)
Muscularis, Hypertrophy	2 [3.0]			
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Hyperplasia, Histiocytic	1 [4.0]	1 [4.0]	1 [4.0]	1 [4.0]
Lymph Node	(1)	(3)	(2)	(2)
Inflammation, Chronic Active	1 [3.0]			
Deep Cervical, Ectasia		1 [3.0]		
Deep Cervical, Hyperplasia, Lymphoid		1 [3.0]		

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)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Pancreatic, Hemorrhage				1 [3.0]
Lymph Node, Bronchial	(1)	(4)	(5)	(7)
Angiectasis	1 [2.0]		2 [3.0]	1 [3.0]
Hemorrhage			1 [2.0]	1 [2.0]
Lymph Node, Mediastinal	(34)	(30)	(31)	(28)
Angiectasis			2 [3.5]	2 [3.0]
Hemorrhage				2 [2.5]
Lymph Node, Mesenteric	(49)	(49)	(50)	(50)
Hemorrhage			1 [4.0]	
Hyperplasia, Lymphoid	1 [2.0]			
Infiltration Cellular, Histiocyte	1 [2.0]			1 [2.0]
Spleen	(50)	(50)	(50)	(50)
Hematopoietic Cell Proliferation	33 [1.8]	32 [1.9]	29 [1.8]	21 [1.7]
Hemorrhage, Chronic	1 [3.0]		1 [3.0]	2 [3.5]
Infarct, Chronic	1 [3.0]	1 [4.0]	1 [3.0]	1 [3.0]
Inflammation, Granulomatous		2 [4.0]		
Lymphoid Follicle, Atrophy		1 [2.0]		
Thymus	(46)	(45)	(45)	(43)
Cyst	1 [2.0]			
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(50)
Galactocele	1 [4.0]		3 [4.0]	1 [3.0]
Hyperplasia	1 [4.0]			
Inflammation, Chronic Active			1 [2.0]	1 [3.0]
Skin	(50)	(50)	(50)	(50)
Hyperkeratosis	1 [2.0]	2 [2.0]	2 [2.5]	
Hyperplasia, Squamous		1 [2.0]		
Inflammation, Suppurative, Chronic		1 [4.0]		1 [4.0]
Inflammation, Chronic Active	1 [2.0]	2 [2.5]	1 [2.0]	
Ulcer		1 [2.0]	1 [2.0]	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fracture				1 [4.0]
Inflammation, Suppurative, Chronic				1 [4.0]
Skeletal Muscle	(0)	(0)	(1)	(4)

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)

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Angiectasis		1 [3.0]		
Hemorrhage			1 [2.0]	
Spinal Cord	(0)	(1)	(0)	(3)
Cyst Epithelial Inclusion				1 [3.0]
RESPIRATORY SYSTEM				
Larynx	(50)	(50)	(50)	(50)
Foreign Body	8	6	3	4
Inflammation, Suppurative, Chronic				3 [4.0]
Inflammation, Chronic Active	18 [1.1]	25 [1.5]	30 [1.4]	32 [1.5]
Metaplasia, Squamous	3 [1.3]	2 [1.5]	6 [1.3]	21 [1.7]
Necrosis				1 [1.0]
Respiratory Epithelium, Hyperplasia		1 [1.0]		
Lung	(50)	(50)	(50)	(50)
Hemorrhage	4 [2.3]	6 [2.3]	4 [2.5]	4 [2.0]
Inflammation, Suppurative, Chronic				4 [4.0]
Inflammation, Chronic Active	6 [2.2]	10 [2.0]	12 [1.7]	2 [2.0]
Alveolar Epithelium, Hyperplasia	11 [1.3]	10 [1.6]	16 [1.9]	8 [1.5]
Alveolus, Infiltration Cellular, Histiocyte	30 [1.4]	30 [1.8]	29 [1.8]	26 [1.5]
Nose	(50)	(50)	(49)	(50)
Foreign Body	6	6	6	9
Inflammation, Suppurative, Chronic		1 [4.0]	3 [4.0]	7 [4.0]
Inflammation, Chronic Active	24 [1.3]	37 [1.5]	37 [1.5]	36 [1.3]
Epithelium, Accumulation, Hyaline Droplet	48 [1.1]	48 [1.8]	48 [1.7]	47 [1.9]
Glands, Hyperplasia	6 [2.0]	23 [2.0]	28 [2.0]	30 [2.0]
Olfactory Epithelium, Hyperplasia	1 [1.0]			
Olfactory Epithelium, Metaplasia, Respiratory	3 [1.7]	4 [1.8]	6 [1.8]	9 [2.2]
Respiratory Epithelium, Hyperplasia	5 [1.2]	13 [1.3]	9 [1.7]	18 [1.5]
Respiratory Epithelium, Metaplasia, Squamous	1 [2.0]	1 [2.0]	5 [1.0]	1 [2.0]
Pleura	(0)	(0)	(1)	(0)
Trachea	(50)	(50)	(50)	(50)

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)

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
1-Bromopropane
CAS Number: 106-94-5

FISCHER 344 RATS FEMALE	CONTROL	125 PPM	250 PPM	500 PPM
Inflammation, Chronic Active		4 [1.0]	1 [1.0]	6 [1.7]
Epithelium, Hyperplasia				4 [1.8]
Epithelium, Metaplasia, Squamous				1 [2.0]
Epithelium, Necrosis				1 [2.0]
SPECIAL SENSES SYSTEM				
Ear	(0)	(0)	(1)	(1)
Inflammation, Suppurative, Chronic				1 [4.0]
Eye	(50)	(50)	(50)	(50)
Cornea, Inflammation, Chronic Active			1 [1.0]	
Lens, Cataract	4 [3.0]	3 [3.0]	5 [3.0]	2 [3.0]
Harderian Gland	(50)	(50)	(50)	(50)
Inflammation, Suppurative, Chronic				1 [4.0]
Inflammation, Chronic Active			1 [2.0]	1 [2.0]
Zymbal's Gland	(1)	(1)	(2)	(0)
URINARY SYSTEM				
Kidney	(49)	(50)	(50)	(50)
Cyst	1 [3.0]	1 [4.0]		
Nephropathy, Chronic	35 [1.7]	35 [2.0]	31 [1.9]	29 [1.9]
Cortex, Infarct			1 [2.0]	
Cortex, Renal Tubule, Accumulation, Hyaline Droplet			1 [4.0]	
Pelvis, Inflammation, Suppurative			1 [1.0]	
Pelvis, Inflammation, Chronic Active			1 [1.0]	

*** 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)