

TDMS No. 99019 - 03

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/F 344/N

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

Triethylamine

CAS Number: 121-44-8

Date Report Requested: 10/15/2008

Time Report Requested: 07:47:08

First Dose M/F: 01/20/03 / 01/21/03

Lab: BNW

F1_Rev.1_R2

C Number: C99019
Lock Date: 09/16/2003
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	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Clear Cell Focus					1 (10%)	
Hepatodiaphragmatic Nodule		3 (30%)	4 (40%)			1 (10%)
Inflammation				2 (20%)		
Bile Duct, Hyperplasia, Focal			1 (10%)			
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Suppurative	1 (10%)					
HEMATOPOIETIC SYSTEM						
Lymph Node, Mediastinal	(7)	(0)	(0)	(0)	(0)	(2)
Ectasia	1 (14%)					

FISCHER 344 RATS MALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell		3 (30%)		1 (10%)		
Inflammation				1 (10%)		
Glands, Inflammation, Suppurative					1 (10%)	
Squamous Epithelium, Metaplasia		1 (10%)		1 (10%)		
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal				1 (10%)		
Metaplasia, Osseous	2 (20%)		2 (20%)	2 (20%)	1 (10%)	
Alveolar Epithelium, Hyperplasia	1 (10%)					
Alveolar Epithelium, Infiltration Cellular, Polymorphonuclear	1 (10%)					
Alveolus, Infiltration Cellular, Histiocyte	4 (40%)	5 (50%)	3 (30%)	2 (20%)	6 (60%)	6 (60%)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Atrophy				10 (100%)	10 (100%)	10 (100%)
Respiratory Epithelium, Degeneration, Hyaline						3 (30%)
Respiratory Epithelium, Hyperplasia		3 (30%)	9 (90%)	9 (90%)	10 (100%)	10 (100%)
SPECIAL SENSES SYSTEM						
Harderian Gland	(10)	(0)	(0)	(0)	(1)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)				1 (100%)	1 (10%)
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Nephropathy	1 (10%)		1 (10%)		1 (10%)	
Renal Tubule, Cyst				1 (10%)		

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*** END OF MALE ***

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Intestine Small, Jejunum	(10)	(10)	(10)	(10)	(10)	(10)
Serosa, Inflammation, Chronic		1 (10%)				
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hepatodiaphragmatic Nodule	1 (10%)			1 (10%)	1 (10%)	2 (20%)
Inflammation	1 (10%)		2 (20%)	2 (20%)	1 (10%)	1 (10%)
Inflammation, Chronic		1 (10%)				
Serosa, Fibrosis					1 (10%)	
Mesentery	(0)	(0)	(2)	(1)	(0)	(0)
Fat, Necrosis, Chronic			2 (100%)	1 (100%)		
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 (10%)					
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Cyst						1 (10%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(1)	(10)
Pericardium, Fibrosis					1 (100%)	
Pericardium, Infiltration Cellular, Mononuclear					1 (100%)	
Cell						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
GENITAL SYSTEM						
Ovary	(10)	(0)	(1)	(1)	(1)	(10)
Metaplasia, Lipocyte Periovarian Tissue, Cyst	1 (10%)		1 (100%)	1 (100%)	1 (100%)	1 (10%)
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(1)	(0)	(1)	(1)	(0)
Pancreatic, Hyperplasia, Histiocytic		1 (100%)		1 (100%)	1 (100%)	
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(9)	(10)	(10)	(10)	(10)	(10)
Granuloma				1 (10%)		
Infiltration Cellular, Mononuclear Cell Inflammation		1 (10%) 1 (10%)	1 (10%)			
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal						1 (10%)
Metaplasia, Osseous						1 (10%)
Mineralization						1 (10%)
Alveolar Epithelium, Hyperplasia	1 (10%)					
Alveolus, Infiltration Cellular, Histiocyte	2 (20%)	1 (10%)	4 (40%)	4 (40%)	7 (70%)	7 (70%)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Foreign Body	1 (10%)					
Inflammation, Chronic				1 (10%)	2 (20%)	
Olfactory Epithelium, Atrophy			4 (40%)	10 (100%)	10 (100%)	10 (100%)
Respiratory Epithelium, Degeneration, Hyaline					1 (10%)	
Respiratory Epithelium, Hyperplasia		3 (30%)	9 (90%)	10 (100%)	10 (100%)	10 (100%)

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
Pleura Hyperplasia Inflammation, Chronic	(0)	(0)	(0)	(0)	(1) 1 (100%) 1 (100%)	(0)
SPECIAL SENSES SYSTEM						
Eye Cataract Cornea, Edema Cornea, Inflammation Cornea, Mineralization Retina, Dysplasia Retina, Hypoplasia Harderian Gland Infiltration Cellular, Mononuclear Cell	(10)	(10)	(10)	(10)	(10)	(10) 1 (10%) 1 (10%) 1 (10%) 2 (20%) 1 (10%) 2 (20%) (0) (10) 3 (30%)
URINARY SYSTEM						
None						

*** END OF REPORT ***