

**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
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
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%)			
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Suppurative	1 (10%)					
<b>HEMATOPOIETIC SYSTEM</b>						
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
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
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%)
<b>SPECIAL SENSES SYSTEM</b>						
Harderian Gland	(10)	(0)	(0)	(0)	(1)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)				1 (100%)	1 (10%)
<b>URINARY SYSTEM</b>						
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
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
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%)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(1)	(10)
Pericardium, Fibrosis					1 (100%)	
Pericardium, Infiltration Cellular, Mononuclear					1 (100%)	
Cell						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						

FISCHER 344 RATS FEMALE	CONTROL	12.5 PPM	25 PPM	50 PPM	100 PPM	200 PPM
<b>GENITAL SYSTEM</b>						
Ovary	(10)	(0)	(1)	(1)	(1)	(10)
Metaplasia, Lipocyte Periovarian Tissue, Cyst	1 (10%)		1 (100%)	1 (100%)	1 (100%)	1 (10%)
<b>HEMATOPOIETIC SYSTEM</b>						
Lymph Node	(0)	(1)	(0)	(1)	(1)	(0)
Pancreatic, Hyperplasia, Histiocytic		1 (100%)		1 (100%)	1 (100%)	
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
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%)

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Pleura Hyperplasia Inflammation, Chronic	(0)	(0)	(0)	(0)	(1) 1 (100%) 1 (100%)	(0)
<b>SPECIAL SENSES SYSTEM</b>						
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) 1 (10%)
<b>URINARY SYSTEM</b>						
None						

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