

TDMS No. 20304 - 01

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

Date Report Requested: 06/24/2008

Test Type: CHRONIC

TEF evaluation (PCB 118)

Time Report Requested: 13:39:56

Route: GAVAGE

CAS Number: 31508-00-6

First Dose M/F: NA / 03/26/04

Species/Strain: RATS/SD

Lab: BAT

31 Wk_SSAC_R8

C Number: C20304

Lock Date: 10/12/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25017 SSAC

Removal Date Range: 27-Oct-2004 - 27-Oct-2004

Treatment Groups: Include 001 0 UG/KG

Include 002 10 UG/KG

Include 003 30 UG/KG

Include 004 100 UG/KG

Include 005 220 UG/KG

Include 006 460 UG/KG

Include 007 1000 UG/KG

Include 008 4600 UG/KG

Study Gender: Female

TDMSE Version: 2.0.0

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
Disposition Summary						
Animals Initially in Study	80	30	30	80	80	80
Scheduled Sacrifice	10	10	10	10	10	10
Early Deaths						
Survivors						
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Cholangiofibrosis						
Clear Cell Focus	2	3	4		2	1
Clear Cell Focus, Multiple						1
Fatty Change, Diffuse						
Hematopoietic Cell Proliferation						
Inflammation	10 [1.0]	10 [1.0]	10 [1.0]	10 [1.0]	10 [1.1]	9 [1.0]
Mixed Cell Focus			1			1
Necrosis						
Pigmentation						1 [1.0]
Toxic Hepatopathy						
Bile Duct, Fibrosis	1 [1.0]					
Bile Duct, Hyperplasia						
Hepatocyte, Hypertrophy			1 [1.0]	1 [1.0]	3 [1.0]	8 [1.1]
Hepatocyte, Multinucleated						
Oval Cell, Hyperplasia						
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active	1 [1.0]					
Acinus, Atrophy, Focal						
Acinus, Vacuolization Cytoplasmic						
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(0)
Edema						
Inflammation						
Stomach, Glandular	(10)	(0)	(0)	(0)	(1)	(0)
Hyperplasia					1 [2.0]	
CARDIOVASCULAR 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)

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
Blood Vessel	(1)	(0)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy						
Degeneration, Cystic						
Hyperplasia	1 [1.0]			1 [1.0]		
Hypertrophy	2 [1.0]		1 [1.0]	1 [1.0]	3 [1.3]	
Adrenal Medulla	(10)	(10)	(10)	(10)	(10)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(1)
Pars Distalis, Cyst						1 [3.0]
Thyroid Gland	(10)	(10)	(10)	(10)	(10)	(10)
C-cell, Hyperplasia						1 [3.0]
Follicular Cell, Hypertrophy	1 [2.0]					
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(10)	(0)	(0)	(0)	(0)	(0)
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Dilatation		2 [3.5]			1 [3.0]	2 [3.5]
Inflammation	1 [2.0]					
Inflammation, Suppurative		1 [1.0]		1 [1.0]	1 [1.0]	2 [1.5]
Metaplasia, Squamous	4 [1.0]	3 [1.0]	2 [1.0]	3 [1.0]	1 [1.0]	2 [1.0]
Endometrium, Hyperplasia, Cystic	1 [1.0]		2 [1.0]		1 [1.0]	
Vagina	(10)	(0)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(0)	(0)	(0)	(0)	(0)
Pigmentation	10 [1.1]					
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy		1 [2.0]	1 [2.0]	1 [1.0]	3 [1.3]	2 [1.0]

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(1)	(0)	(0)	(0)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Hemorrhage						
Inflammation	1 [1.0]		1 [1.0]	2 [1.0]		2 [1.0]
Alveolar Epithelium, Hyperplasia						
Alveolar Epithelium, Infiltration Cellular, Histiocyte				1 [1.0]		
Alveolus, Infiltration Cellular, Histiocyte	4 [1.0]	1 [1.0]				
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

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SPRAGUE-DAWLEY RATS FEMALE	1000 UG/KG	4600 UG/KG
Disposition Summary		
Animals Initially in Study	80	80
Scheduled Sacrifice	10	10
Early Deaths		
Survivors		
Animals Examined Microscopically	10	10

ALIMENTARY SYSTEM

Liver	(10)	(10)
Cholangiofibrosis		1 [2.0]
Clear Cell Focus	3	
Clear Cell Focus, Multiple		
Fatty Change, Diffuse		10 [2.8]
Hematopoietic Cell Proliferation	1 [1.0]	
Inflammation	10 [1.5]	10 [2.1]
Mixed Cell Focus	1	1
Necrosis	1 [1.0]	
Pigmentation	6 [1.0]	10 [1.6]
Toxic Hepatopathy		10 [1.0]
Bile Duct, Fibrosis		
Bile Duct, Hyperplasia		2 [1.0]
Hepatocyte, Hypertrophy	10 [1.4]	10 [3.0]
Hepatocyte, Multinucleated		10 [1.1]
Oval Cell, Hyperplasia	1 [1.0]	9 [1.1]
Pancreas	(10)	(10)
Inflammation, Chronic Active	1 [2.0]	
Acinus, Atrophy, Focal		1 [1.0]
Acinus, Vacuolization Cytoplasmic		6 [1.2]
Stomach, Forestomach	(0)	(10)
Edema		1 [1.0]
Inflammation		2 [1.5]
Stomach, Glandular	(0)	(10)
Hyperplasia		

CARDIOVASCULAR SYSTEM

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Blood Vessel	(0)	(1)
ENDOCRINE SYSTEM		
Adrenal Cortex	(10)	(10)
Atrophy		1 [2.0]
Degeneration, Cystic	1 [2.0]	1 [1.0]
Hyperplasia		
Hypertrophy	3 [1.7]	2 [1.5]
Adrenal Medulla	(10)	(10)
Pituitary Gland	(0)	(10)
Pars Distalis, Cyst		
Thyroid Gland	(10)	(10)
C-cell, Hyperplasia	1 [1.0]	
Follicular Cell, Hypertrophy	2 [2.0]	8 [1.8]
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Ovary	(0)	(10)
Uterus	(10)	(10)
Dilatation	3 [2.7]	1 [4.0]
Inflammation		
Inflammation, Suppurative	1 [1.0]	
Metaplasia, Squamous	4 [1.0]	
Endometrium, Hyperplasia, Cystic		
Vagina	(0)	(10)
HEMATOPOIETIC SYSTEM		
Spleen	(0)	(10)
Pigmentation		10 [1.2]
Thymus	(10)	(10)
Atrophy	1 [1.0]	2 [2.0]

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INTEGUMENTARY SYSTEM		
Mammary Gland	(0)	(10)
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		
Lung	(10)	(10)
Hemorrhage		2 [1.0]
Inflammation		
Alveolar Epithelium, Hyperplasia	1 [1.0]	
Alveolar Epithelium, Infiltration Cellular, Histiocyte		
Alveolus, Infiltration Cellular, Histiocyte	1 [1.0]	3 [1.0]
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
None		

*** END OF REPORT ***