

TDMS No. 98007 - 03

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

Date Report Reqsted: 03/28/2008

Test Type: 90-DAY

Sodium thioglycolate

Time Report Reqsted: 10:56:29

Route: SKIN APPLICATION

CAS Number: 367-51-1

First Dose M/F: 12/16/02 / 12/17/02

Species/Strain: RATS/F 344

Lab: MBA

C Number: C98007
Lock Date: 12/18/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.9.1

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Species/Strain: RATS/F 344

Lab: MBA

FISCHER 344 RATS MALE	VEHICLE CONTROL	11.25 MG/KG	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG
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 Hepatodiaphragmatic Nodule	(10)	(0)	(0)	(0)	(0)	(10) 1
CARDIOVASCULAR SYSTEM						
Heart Cardiomyopathy	(10) 3 [1.0]	(0)	(0)	(0)	(0)	(10) 1 [1.0]
ENDOCRINE SYSTEM						
Adrenal Cortex Zona Fasciculata, Vacuolization Cytoplasmic	(10) 10 [1.0]	(0)	(0)	(0)	(0)	(10) 10 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(0)	(0)	(0)	(0)	(10)

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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FISCHER 344 RATS MALE	VEHICLE CONTROL	11.25 MG/KG	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG
Congestion	9 [1.0]					10 [1.0]
Hematopoietic Cell Proliferation	10 [1.0]					10 [1.0]
Pigmentation	9 [1.0]					10 [1.0]
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Hemorrhage, Focal	1 [1.0]					1 [1.0]
Thymocyte, Atrophy						1 [1.0]
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebacous Gland, Site Of Application - Dermis, Hypertrophy			2 [1.0]	4 [1.0]	5 [1.0]	6 [1.0]
Site Of Application - Epidermis, Exudate, Focal						1 [2.0]
Site Of Application - Epidermis, Hyperkeratosis		6 [1.0]	9 [1.0]	4 [1.0]	4 [1.0]	4 [1.0]
Site Of Application - Epidermis, Hyperplasia, Focal					1 [1.0]	
Site Of Application - Epidermis, Hyperplasia, Diffuse		1 [1.0]	2 [1.0]	3 [1.0]	5 [1.0]	6 [1.0]
Site Of Application - Epidermis, Parakeratosis, Focal		1 [1.0]				
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Hemorrhage, Focal	1 [1.0]					
Alveolus, Hemorrhage, Focal						1 [1.0]
Alveolus, Infiltration Cellular, Histiocyte						1 [1.0]
Alveolus, Inflammation, Focal, Chronic	2 [1.0]					

a - Number of animals examined microscopically at site and number of animals with lesion

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FISCHER 344 RATS MALE	VEHICLE CONTROL	11.25 MG/KG	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG
Active						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Nephropathy	3 [1.0]					
Nephropathy, Focal						1 [1.0]
Renal Tubule, Regeneration, Focal	1 [1.0]					2 [1.0]

*** END OF MALE ***

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Lab: MBA

FISCHER 344 RATS FEMALE	VEHICLE CONTROL	11.25 MG/KG	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG
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)	(0)	(0)	(0)	(0)	(10)
Hepatodiaphragmatic Nodule Inflammation, Granulomatous Necrosis, Focal	1 [1.0]					2 [1.0] 3 [1.3]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy, Focal	1 [1.0]					
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	1 [1.0]					
ENDOCRINE SYSTEM						
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst						1 [1.0]
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(9)
Ectopic Thymus	1 [1.0]					2 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Uterus	(10)	(0)	(0)	(0)	(0)	(10)

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	11.25 MG/KG	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG
Dilatation	2 [2.0]					4 [2.5]
HEMATOPOIETIC SYSTEM						
Lymph Node Hemorrhage	(1)	(0)	(0)	(0)	(0)	(3) 1 [1.0]
Pancreatic, Inflammation, Granulomatous Thoracic, Hyperplasia, Lymphoid	1 [2.0]					2 [1.5] (10)
Lymph Node, Mesenteric Inflammation, Granulomatous	(10)	(0)	(0)	(0)	(0)	1 [1.0] (10)
Spleen Congestion	(10) 10 [1.0]	(0)	(0)	(0)	(0)	(10) 10 [1.0]
Hematopoietic Cell Proliferation	10 [1.0]					10 [1.0]
Pigmentation	9 [1.0]					10 [1.0]
Thymus Thymocyte, Atrophy	(10) 4 [1.0]	(0)	(0)	(0)	(0)	(10) 3 [1.0]
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebaceous Gland, Site Of Application - Dermis, Hypertrophy				2 [1.0]	6 [1.0]	5 [1.0]
Site Of Application - Epidermis, Hyperkeratosis			1 [1.0]	7 [1.0]	6 [1.0]	5 [1.0]
Site Of Application - Epidermis, Hyperplasia, Diffuse				2 [1.0]	7 [1.3]	8 [1.5]
Site Of Application - Epidermis, Infiltration Cellular, Mononuclear Cell					1 [1.0]	
Site Of Application - Epidermis, Parakeratosis, Focal						3 [1.0]
Site Of Application - Epidermis, Ulcer, Focal						3 [1.0]
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						

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None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
Harderian Gland Infiltration Cellular, Lymphocyte	(10)	(0)	(0)	(0)	(0)	(10) 1 [1.0]
URINARY SYSTEM						
Kidney Renal Tubule, Regeneration, Focal	(10)	(0)	(0)	(0)	(0)	(10) 2 [1.0]

*** END OF REPORT ***