

TDMS No. 98007 - 03
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344

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

Sodium thioglycolate
CAS Number: 367-51-1

Date Report Requested: 03/28/2008
Time Report Requested: 10:56:29
First Dose M/F: 12/16/02 / 12/17/02
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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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	(10)	(0)	(0)	(0)	(0)	(10)
Hepatodiaphragmatic Nodule						1 (10%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	3 (30%)					1 (10%)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Zona Fasciculata, Vacuolization Cytoplasmic	10 (100%)					10 (100%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Congestion	9 (90%)					10 (100%)
Hematopoietic Cell Proliferation	10 (100%)					10 (100%)
Pigmentation	9 (90%)					10 (100%)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)

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
Hemorrhage, Focal Thymocyte, Atrophy	1 (10%)					1 (10%) 1 (10%)
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebacous Gland, Site Of Application - Dermis, Hypertrophy			2 (20%)	4 (40%)	5 (50%)	6 (60%)
Site Of Application - Epidermis, Exudate, Focal						1 (10%)
Site Of Application - Epidermis, Hyperkeratosis		6 (60%)	9 (90%)	4 (40%)	4 (40%)	4 (40%)
Site Of Application - Epidermis, Hyperplasia, Focal					1 (10%)	
Site Of Application - Epidermis, Hyperplasia, Diffuse		1 (10%)	2 (20%)	3 (30%)	5 (50%)	6 (60%)
Site Of Application - Epidermis, Parakeratosis, Focal		1 (10%)				
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Hemorrhage, Focal	1 (10%)					
Alveolus, Hemorrhage, Focal						1 (10%)
Alveolus, Infiltration Cellular, Histiocyte						1 (10%)
Alveolus, Inflammation, Focal, Chronic Active	2 (20%)					
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						

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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
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Nephropathy	3 (30%)					
Nephropathy, Focal						1 (10%)
Renal Tubule, Regeneration, Focal	1 (10%)					2 (20%)

*** END OF MALE ***

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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
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						2 (20%)
Inflammation, Granulomatous	1 (10%)					3 (30%)
Necrosis, Focal	1 (10%)					
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy, Focal	1 (10%)					
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	1 (10%)					
ENDOCRINE SYSTEM						
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst						1 (10%)
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(9)
Ectopic Thymus	1 (11%)					2 (22%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Dilatation	2 (20%)					4 (40%)

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HEMATOPOIETIC SYSTEM						
Lymph Node	(1)	(0)	(0)	(0)	(0)	(3)
Hemorrhage						1 (33%)
Pancreatic, Inflammation, Granulomatous	1 (100%)					
Thoracic, Hyperplasia, Lymphoid						2 (67%)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Granulomatous						1 (10%)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Congestion	10 (100%)					10 (100%)
Hematopoietic Cell Proliferation	10 (100%)					10 (100%)
Pigmentation	9 (90%)					10 (100%)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Thymocyte, Atrophy	4 (40%)					3 (30%)
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebaceous Gland, Site Of Application - Dermis, Hypertrophy				2 (20%)	6 (60%)	5 (50%)
Site Of Application - Epidermis, Hyperkeratosis			1 (10%)	7 (70%)	6 (60%)	5 (50%)
Site Of Application - Epidermis, Hyperplasia, Diffuse				2 (20%)	7 (70%)	8 (80%)
Site Of Application - Epidermis, Infiltration Cellular, Mononuclear Cell					1 (10%)	
Site Of Application - Epidermis, Parakeratosis, Focal						3 (30%)
Site Of Application - Epidermis, Ulcer, Focal						3 (30%)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						

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SPECIAL SENSES SYSTEM						
Harderian Gland Infiltration Cellular, Lymphocyte	(10)	(0)	(0)	(0)	(0)	(10) 1 (10%)
URINARY SYSTEM						
Kidney Renal Tubule, Regeneration, Focal	(10)	(0)	(0)	(0)	(0)	(10) 2 (20%)

*** END OF REPORT ***