

TDMS No. 98007 - 04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

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: 10:56:49
First Dose M/F: 12/19/02 / 12/20/02
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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B6C3F1 MICE MALE	VEHICLE CONTROL	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG	360.0 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 Inflammation, Chronic Active	(10) 1 (10%)	(0)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex Subcapsular, Hyperplasia	(10) 2 (20%)	(0)	(0)	(0)	(0)	(10) 3 (30%)
Thyroid Gland Ectopic Thymus	(9) 1 (11%)	(0)	(0)	(0)	(0)	(9) 1 (11%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Spleen Hematopoietic Cell Proliferation	(10) 10 (100%)	(0)	(0)	(0)	(0)	(10) 10 (100%)
Thymus Thymocyte, Atrophy	(7) 1 (14%)	(0)	(0)	(0)	(0)	(7) 1 (14%)

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

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B6C3F1 MICE MALE	VEHICLE CONTROL	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG	360.0 MG/KG
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebacous Gland, Site Of Application - Dermis, Hypertrophy					2 (20%)	4 (40%)
Site Of Application - Epidermis, Hyperkeratosis					3 (30%)	3 (30%)
Site Of Application - Epidermis, Hyperplasia, Focal			1 (10%)		2 (20%)	1 (10%)
Site Of Application - Epidermis, Hyperplasia, Diffuse					3 (30%)	6 (60%)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Renal Tubule, Regeneration						2 (20%)

*** END OF MALE ***

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B6C3F1 MICE FEMALE	VEHICLE CONTROL	22.5 MG/KG	45.0 MG/KG	90.0 MG/KG	180.0 MG/KG	360.0 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)
Inflammation, Chronic Active	2 (20%)					5 (50%)
Necrosis, Focal						3 (30%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Subcapsular, Hyperplasia	10 (100%)					10 (100%)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ectopic Thymus						1 (10%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Oviduct	(1)	(0)	(0)	(0)	(0)	(0)
Cyst	1 (100%)					
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Endometrium, Hyperplasia, Cystic	4 (40%)					4 (40%)
HEMATOPOIETIC SYSTEM						

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Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	8 (80%)					10 (100%)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Thymocyte, Atrophy						1 (10%)
INTEGUMENTARY SYSTEM						
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Sebaceous Gland, Site Of Application - Dermis, Hypertrophy					6 (60%)	7 (70%)
Site Of Application - Dermis, Hemorrhage, Focal		1 (10%)				
Site Of Application - Dermis, Inflammation, Focal, Chronic Active		1 (10%)		1 (10%)		
Site Of Application - Dermis, Inflammation, Chronic Active					1 (10%)	
Site Of Application - Epidermis, Exudate		1 (10%)				
Site Of Application - Epidermis, Exudate, Focal			1 (10%)			
Site Of Application - Epidermis, Hyperkeratosis				1 (10%)	1 (10%)	4 (40%)
Site Of Application - Epidermis, Hyperplasia, Focal		1 (10%)	3 (30%)	1 (10%)	3 (30%)	2 (20%)
Site Of Application - Epidermis, Hyperplasia, Diffuse					6 (60%)	8 (80%)
Site Of Application - Epidermis, Inflammation, Focal, Chronic Active			1 (10%)			
Site Of Application - Epidermis, Inflammation, Chronic Active						1 (10%)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
Cyst Epithelial Inclusion	1 (10%)					
RESPIRATORY SYSTEM						
None						

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<hr/>						
SPECIAL SENSES SYSTEM						
None						
<hr/>						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active						1 (10%)
Renal Tubule, Casts Protein						1 (10%)
Renal Tubule, Regeneration						1 (10%)

*** END OF REPORT ***