

**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
<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)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	1 (10%)					
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Subcapsular, Hyperplasia	2 (20%)					3 (30%)
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(9)
Ectopic Thymus						1 (11%)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOPOIETIC SYSTEM</b>						
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	10 (100%)					10 (100%)
Thymus	(7)	(0)	(0)	(0)	(0)	(10)
Thymocyte, Atrophy	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
<b>INTEGUMENTARY SYSTEM</b>						
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%)
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
None						
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
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
<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)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	2 (20%)					5 (50%)
Necrosis, Focal						3 (30%)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
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%)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Oviduct	(1)	(0)	(0)	(0)	(0)	(0)
Cyst	1 (100%)					
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Endometrium, Hyperplasia, Cystic	4 (40%)					4 (40%)
<b>HEMATOPOIETIC SYSTEM</b>						

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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%)
<b>INTEGUMENTARY SYSTEM</b>						
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%)
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
Cyst Epithelial Inclusion	1 (10%)					
<b>RESPIRATORY SYSTEM</b>						
None						

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SPECIAL SENSES SYSTEM						
None						
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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%)

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