

**TDMS No.** 20114 - 02  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
SODIUM DICHROMATE DIHYDRATE (VI)  
**CAS Number:** 7789-12-0  
**Pathologist:** Blackshear, P. - THOMPSON, R.  
RF1\_M3

**Date Report Requested:** 04/07/2006  
**Time Report Requested:** 08:26:33  
**First Dose M/F:** 11/13/01 / 11/14/01  
**Lab:** SRI

**C Number:** C20114  
**Lock Date:** 06/24/2002  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL

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Date Report Requested: 04/07/2006  
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B6C3F1 MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L
<b>Disposition Summary</b>					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>					
Intestine Small, Duodenum	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte Epithelium, Hyperplasia		4 (40%)	5 (50%)	10 (100%)	10 (100%)
Liver	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal	1 (10%)	1 (10%)			2 (20%)
Infiltration Cellular, Mixed Cell, Focal	1 (10%)			1 (10%)	1 (10%)
Necrosis, Focal	2 (20%)			1 (10%)	
Pancreas	(10)	(6)	(6)	(5)	(6)
Cyst	1 (10%)				
Salivary Glands	(10)	(6)	(6)	(6)	(5)
Submandibular Gland, Depletion Secretory	4 (40%)	3 (50%)	3 (50%)	3 (50%)	2 (40%)
Stomach, Forestomach	(10)	(9)	(9)	(10)	(10)
Edema, Focal	1 (10%)				
Stomach, Glandular	(10)	(9)	(10)	(10)	(10)
Epithelium, Dilatation, Focal		2 (22%)			
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Thyroid Gland	(10)	(6)	(6)	(6)	(6)
Follicle, Degeneration, Cystic		1 (17%)			
<b>GENERAL BODY SYSTEM</b>					
None					

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

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<b>GENITAL SYSTEM</b>					
Preputial Gland	(10)	(6)	(6)	(6)	(6)
Atrophy	1 (10%)				
Duct, Ectasia	1 (10%)				
<b>HEMATOPOIETIC SYSTEM</b>					
Lymph Node	(2)	(4)	(3)	(6)	(3)
Pancreatic, Infiltration Cellular, Histiocyte			2 (67%)	6 (100%)	3 (100%)
Lymph Node, Mesenteric	(10)	(9)	(9)	(8)	(8)
Atrophy					1 (13%)
Infiltration Cellular, Histiocyte			4 (44%)	6 (75%)	3 (38%)
Spleen	(10)	(6)	(6)	(6)	(6)
Hematopoietic Cell Proliferation		1 (17%)			
Pigmentation, Hemosiderin, Focal					
<b>INTEGUMENTARY SYSTEM</b>					
None					
<b>MUSCULOSKELETAL SYSTEM</b>					
None					
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					
None					
<b>SPECIAL SENSES SYSTEM</b>					
None					

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B6C3F1 MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L
<hr/>					
URINARY SYSTEM					
Kidney	(10)	(10)	(10)	(10)	(10)
Nephropathy		1 (10%)		2 (20%)	1 (10%)
Renal Tubule, Vacuolization Cytoplasmic	9 (90%)	10 (100%)	10 (100%)	9 (90%)	8 (80%)

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B6C3F1 MICE MALE

1000 MG/L

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## Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

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## ALIMENTARY SYSTEM

Intestine Small, Duodenum	(10)
Infiltration Cellular, Histiocyte	10 (100%)
Epithelium, Hyperplasia	10 (100%)
Liver	(10)
Hematopoietic Cell Proliferation, Focal	1 (10%)
Infiltration Cellular, Mixed Cell, Focal	1 (10%)
Necrosis, Focal	
Pancreas	(10)
Cyst	
Salivary Glands	(10)
Submandibular Gland, Depletion Secretory	4 (40%)
Stomach, Forestomach	(10)
Edema, Focal	3 (30%)
Stomach, Glandular	(10)
Epithelium, Dilatation, Focal	2 (20%)

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## CARDIOVASCULAR SYSTEM

None

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## ENDOCRINE SYSTEM

Thyroid Gland	(10)
Follicle, Degeneration, Cystic	

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## GENERAL BODY SYSTEM

None

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B6C3F1 MICE MALE

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GENITAL SYSTEM

Preputial Gland (10)  
Atrophy  
Duct, Ectasia

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HEMATOPOIETIC SYSTEM

Lymph Node (3)  
Pancreatic, Infiltration Cellular, Histiocyte 2 (67%)  
Lymph Node, Mesenteric (10)  
Atrophy  
Infiltration Cellular, Histiocyte 8 (80%)  
Spleen (10)  
Hematopoietic Cell Proliferation  
Pigmentation, Hemosiderin, Focal 1 (10%)

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INTEGUMENTARY SYSTEM

None

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MUSCULOSKELETAL SYSTEM

None

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NERVOUS SYSTEM

None

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RESPIRATORY SYSTEM

None

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SPECIAL SENSES SYSTEM

None

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URINARY SYSTEM

Kidney	(10)
Nephropathy	2 (20%)
Renal Tubule, Vacuolization Cytoplasmic	2 (20%)

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\*\*\* END OF MALE \*\*\*

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<b>Disposition Summary</b>					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>					
Intestine Small, Duodenum	(10)	(10)	(9)	(10)	(10)
Infiltration Cellular, Histiocyte			9 (100%)	10 (100%)	10 (100%)
Epithelium, Hyperplasia		7 (70%)	8 (89%)	10 (100%)	10 (100%)
Liver	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal					
Infiltration Cellular, Mixed Cell, Focal	8 (80%)	2 (20%)	3 (30%)	4 (40%)	3 (30%)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal, Acute					
Ulcer	1 (10%)				
Epithelium, Hyperplasia, Focal		1 (10%)	1 (10%)		
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)
Epithelium, Dilatation, Focal	1 (10%)			1 (10%)	
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex	(10)	(6)	(6)	(6)	(6)
Vacuolization Cytoplasmic	10 (100%)	6 (100%)	6 (100%)	5 (83%)	2 (33%)
Parathyroid Gland	(10)	(6)	(6)	(6)	(6)
Cyst					1 (17%)
<b>GENERAL BODY SYSTEM</b>					
None					

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

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<b>GENITAL SYSTEM</b>					
Uterus	(10)	(10)	(10)	(10)	(10)
Hypoplasia					
Endometrium, Hyperplasia, Cystic			1 (10%)		
<b>HEMATOPOIETIC SYSTEM</b>					
Lymph Node	(1)	(1)	(2)	(2)	(1)
Pancreatic, Infiltration Cellular, Histiocyte			1 (50%)	1 (50%)	1 (100%)
Lymph Node, Mandibular	(10)	(6)	(6)	(6)	(6)
Hyperplasia, Lymphoid	1 (10%)				
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(9)
Infiltration Cellular, Histiocyte			6 (60%)	6 (60%)	4 (44%)
<b>INTEGUMENTARY SYSTEM</b>					
None					
<b>MUSCULOSKELETAL SYSTEM</b>					
None					
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					
Lung	(10)	(6)	(6)	(6)	(6)
Inflammation, Focal, Chronic				1 (17%)	
<b>SPECIAL SENSES SYSTEM</b>					
None					

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URINARY SYSTEM					
Kidney	(10)	(6)	(6)	(6)	(6)
Cyst	1 (10%)				
Nephropathy		1 (17%)			

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B6C3F1 MICE FEMALE

1000 MG/L

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## Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

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## ALIMENTARY SYSTEM

Intestine Small, Duodenum	(10)
Infiltration Cellular, Histiocyte	10 (100%)
Epithelium, Hyperplasia	10 (100%)
Liver	(10)
Hematopoietic Cell Proliferation, Focal	4 (40%)
Infiltration Cellular, Mixed Cell, Focal	4 (40%)
Stomach, Forestomach	(10)
Inflammation, Focal, Acute	1 (10%)
Ulcer	
Epithelium, Hyperplasia, Focal	
Stomach, Glandular	(10)
Epithelium, Dilatation, Focal	1 (10%)

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## CARDIOVASCULAR SYSTEM

None

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## ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Vacuolization Cytoplasmic	5 (50%)
Parathyroid Gland	(10)
Cyst	1 (10%)

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## GENERAL BODY SYSTEM

None

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**B6C3F1 MICE FEMALE**

**1000 MG/L**

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GENITAL SYSTEM

Uterus	(10)
Hypoplasia	1 (10%)
Endometrium, Hyperplasia, Cystic	

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HEMATOPOIETIC SYSTEM

Lymph Node	(2)
Pancreatic, Infiltration Cellular, Histiocyte	2 (100%)
Lymph Node, Mandibular	(10)
Hyperplasia, Lymphoid	
Lymph Node, Mesenteric	(10)
Infiltration Cellular, Histiocyte	9 (90%)

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INTEGUMENTARY SYSTEM

None

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MUSCULOSKELETAL SYSTEM

None

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NERVOUS SYSTEM

None

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RESPIRATORY SYSTEM

Lung	(10)
Inflammation, Focal, Chronic	

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SPECIAL SENSES SYSTEM

None

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**B6C3F1 MICE FEMALE**

**1000 MG/L**

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URINARY SYSTEM

Kidney	(10)
Cyst	
Nephropathy	

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