

**TDMS No.** 99028 - 06  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

**CAS Number:** 111-91-1

**Date Report Requested:** 04/07/2008

**Time Report Requested:** 15:09:46

**First Dose M/F:** 10/03/02 / 10/02/02

**Lab:** BAT

F1\_M3

**C Number:** C99028  
**Lock Date:** 09/20/2005  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**TDMSE Version:** 2.0.0

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DAY ON TEST	0 0																								
	7 7 7 7 7 7 5 7 7 6 7 7 7 5 6 7 7 7 7 7 5 7 3 7 7																								
ANIMAL ID	3 3 3 3 2 2 3 3 2 3 2 2 2 5 9 3 2 2 2 2 7 2 9 3 3																								
	0 0 0 0 9 9 9 0 9 3 8 9 9 8 4 0 9 9 9 9 8 9 7 0 0																								
<b>B6C3F1 MICE MALE</b> <b>0 MG/KG</b>	0 0																								
	0 0																								
	0 0																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 2 2 2 5																								

males  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+ +																								
Gallbladder	+ +																								
Intestine Large, Cecum	+ +																								
Intestine Large, Colon	+ +																								
Intestine Large, Rectum	+ +																								
Intestine Small, Duodenum Epithelium, Necrosis	+ +																								
Intestine Small, Ileum	+ +																								
Intestine Small, Jejunum Peyer's Patch, Hyperplasia	+ +																								
Liver	+ +																								
Basophilic Focus	X X																								
Clear Cell Focus	X X																								
Eosinophilic Focus	X X																								
Infarct																									
Inflammation	1																								
Mixed Cell Focus	X X																								

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ANIMAL ID	3 3 3 3 2 2 3 3 2 3 2 2 2 5 9 3 2 2 2 2 7 2 9 3 3																								
	0 0 0 0 9 9 9 0 9 3 8 9 9 8 4 0 9 9 9 9 8 9 7 0 0																								
<b>B6C3F1 MICE MALE</b> <b>0 MG/KG</b>	0 0																								
	0 0																								
	0 0																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 2 3 4 5 <b>males (cont...)</b>																								

Blood Vessel	+ +																								
Heart	+ +																								
Artery, Inflammation	3																								
Epicardium, Inflammation	2																								
Myocardium, Cardiomyopathy	1 1																								
Myocardium, Infiltration Cellular, Mononuclear Cell	1 1																								
Myocardium, Necrosis	1 1																								
Myocardium, Vacuolization Cytoplasmic	1 1																								

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								
Degeneration	2 2																								
Hyperplasia	2 1 2 2 2 4 2 1 2 2 2 2 2 2 1 1 1 2 2 2 2 2 2 2 2																								
Hypertrophy	3 3 1 1 1 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																								
Subcapsular, Hyperplasia	2 1 2 2 2 4 2 1 2 2 2 2 2 2 1 1 1 2 2 2 1 2 2 2 2																								
Adrenal Medulla	+ +																								
Islets, Pancreatic	+ +																								
Hyperplasia	3 3 2																								
Parathyroid Gland	+ +																								
Cyst	1 1																								

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	7 7 7 7 7 7 5 7 7 6 7 7 7 5 6 7 7 7 7 7 5 7 3 7 7																								
ANIMAL ID	3 3 3 3 2 2 3 3 2 3 2 2 2 5 9 3 2 2 2 2 7 2 9 3 3																								
	0 0 0 0 9 9 9 0 9 3 8 9 9 8 4 0 9 9 9 9 8 9 7 0 0																								
<b>B6C3F1 MICE MALE</b> <b>0 MG/KG</b>	0 0																								
	0 0																								
	0 0																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 2 3 4 5 <b>males (cont...)</b>																								

Seminal Vesicle Atrophy +

Testes Mineralization Germinal Epithelium, Degeneration Interstitial Cell, Hyperplasia +  
 1 1 2 1 1

**HEMATOPOIETIC SYSTEM**

Bone Marrow Atrophy Hemorrhage +  
 3 2

Lymph Node +

Lymph Node, Mandibular Hyperplasia, Plasma Cell +  
 2

Lymph Node, Mesenteric Hemorrhage +

Spleen Atrophy +  
 1 3 1

Thymus +

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DAY ON TEST	0 0																								
	7 7 7 7 7 7 5 7 7 6 7 7 7 5 6 7 7 7 7 7 5 7 3 7 7																								
B6C3F1 MICE MALE 0 MG/KG	3 3 3 3 2 2 3 3 2 3 2 2 2 5 9 3 2 2 2 2 7 2 9 3 3																								
	0 0 0 0 9 9 9 0 9 3 8 9 9 8 4 0 9 9 9 9 8 9 7 0 0																								
ANIMAL ID	0 0																								
	0 0																								
	0 0																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 2 3 4 5																								

males  
(cont...)

**INTEGUMENTARY SYSTEM**

Mammary Gland Duct, Dilatation	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer	4																								
Site Of Application - Dermis, Fibrosis	3												1										2		
Site Of Application - Dermis, Inflammation	2																						2		
Site Of Application - Epidermis, Hyperplasia	3				1	1																	3		
Site Of Application - Epidermis, Ulcer	2																						2		

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cartilage, Femur, Joint, Hyperplasia																									
Femur, Joint, Inflammation																									

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ventricle, Inflammation	2																								

**RESPIRATORY SYSTEM**

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	7 7 7 7 7 7 5 7 7 6 7 7 7 5 6 7 7 7 7 7 5 7 3 7 7																								
ANIMAL ID	3 3 3 3 2 2 3 3 2 3 2 2 2 5 9 3 2 2 2 2 7 2 9 3 3																								
	0 0 0 0 9 9 9 0 9 3 8 9 9 8 4 0 9 9 9 9 8 9 7 0 0																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males (cont...)

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	1						4																	
Alveolar Epithelium, Hyperplasia																						1		
Alveolus, Infiltration Cellular, Histiocyte	2										1										1			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation	1		1			1									2									
Respiratory Epithelium, Hyperplasia								1																
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Arteriole, Inflammation		1																						
Cornea, Inflammation		1														2								
Retrolbulbar, Inflammation																								
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																4								
Zymbal's Gland		+																						
Cyst		3																						
Inflammation		2																						

**URINARY SYSTEM**

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	7	7	7	7	7	7	5	7	7	6	7	7	7	5	6	7	7	7	7	7	5	7	3	7	7
ANIMAL ID	0																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 MG/KG	0																								
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst		1															1					2			1
Hydronephrosis		1		2		2																	2		
Inflammation									2				2												
Mineralization	1	1		1	1	1	1				1	1			1	1				1					
Nephropathy	2	1	3	2	2	2		2	1	1	1	1	2	4	1	2	2	2	1	2	1	2	1	2	1
Artery, Inflammation		3																							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization			2																						

males  
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	7 7 5 7 7 7 7 7 7 4 7 7 7 7 7 7 4 5 7 7 4 5 7																								
B6C3F1 MICE MALE 0 MG/KG	3 3 4 3 2 2 2 2 2 9 2 2 3 3 2 0 3 3 6 3 3 3 9 3 2																								* TOTALS
	0 0 4 0 8 9 8 8 9 9 9 9 0 0 8 7 0 0 1 3 0 0 5 3 8																								
ANIMAL ID	0 0																								* TOTALS
	0 0																								
ANIMAL ID	0 0																								* TOTALS
	2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5																								
ANIMAL ID	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								* TOTALS

**ALIMENTARY SYSTEM**

Esophagus	+ +																								50		
Gallbladder	+ +																								50		
Intestine Large, Cecum	+ +																								50		
Intestine Large, Colon	+ +																								50		
Intestine Large, Rectum	+ +																								50		
Intestine Small, Duodenum Epithelium, Necrosis	+ +																								50	1	3.0
Intestine Small, Ileum	+ +																								50		
Intestine Small, Jejunum Peyer's Patch, Hyperplasia	+ +																								50	1	3.0
Liver	+ +																								50		
Basophilic Focus																										3	
Clear Cell Focus	X X																									26	
Eosinophilic Focus	X X																									26	
Infarct																										1	3.0
Inflammation	1 1																									5	1.4
Mixed Cell Focus																										9	

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	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	5	7	7	7	7	7	7	4	7	7	7	7	7	7	7	4	5	7	7	4	5	7		
	3	3	4	3	2	2	2	2	2	9	2	2	3	3	2	0	3	3	6	3	3	3	9	3	2	
	0	0	4	0	8	9	8	8	9	9	9	9	0	0	8	7	0	0	1	3	0	0	5	3	8	
<b>B6C3F1 MICE MALE</b>	.....																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>
Tension Lipidosis					X	X					X	X					X								<b>9</b>	
Hepatocyte, Necrosis				1												2							1		<b>3 1.3</b>	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse	2	1					2	1				1							1	1					<b>14 1.2</b>	
Mesentery	+																								<b>5</b>	
Necrosis									3											3					<b>4 3.0</b>	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Basophilic Focus																									<b>1 1.0</b>	
Acinus, Atrophy																1									<b>1 1.0</b>	
Acinus, Hyperplasia			1												2	2		2				1	1		<b>8 1.6</b>	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Inflammation																									<b>1 1.0</b>	
Ulcer																									<b>1 2.0</b>	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Tongue																									<b>1</b>	
Mineralization																					3				<b>1 3.0</b>	
Tooth																									<b>5</b>	
Dysplasia					+																		+		<b>4 3.8</b>	

**CARDIOVASCULAR SYSTEM**

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ANIMAL ID	3 3 4 3 2 2 2 2 2 9 2 2 3 3 2 0 3 3 6 3 3 3 9 3 2																								* TOTALS
	0 0 4 0 8 9 8 8 9 9 9 9 0 0 8 7 0 0 1 3 0 0 5 3 8																								
<b>B6C3F1 MICE MALE</b>	0 0																								
<b>0 MG/KG</b>	0 0																								
	2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5																								
	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								

Pituitary Gland	+ +																								50	
Pars Distalis, Cyst																									1	6 1.3
Pars Distalis, Hyperplasia																									1 1	20 1.2
Pars Intermedia, Cyst																									1	1 1.0
Thyroid Gland	+ +																								50	
Inflammation																									1	1 1.0

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Coagulating Gland																									1	
Epididymis	+ +																								50	
Atrophy																									2	1 2.0
Inflammation																									2 1	4 1.8
Preputial Gland	+ +																								50	
Inflammation																									2	2 1.5
Duct, Ectasia																									2	3 2.0
Prostate	+ +																								50	
Atrophy																									3	1 3.0
Inflammation																										1 2.0
Epithelium, Hyperplasia	1 1																								1 1 1 1	16 1.0

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DAY ON TEST	0 0																								* TOTALS
	7 7 5 7 7 7 7 7 7 4 7 7 7 7 7 7 4 5 7 7 4 5 7																								
B6C3F1 MICE MALE 0 MG/KG	3 3 4 3 2 2 2 2 2 9 2 2 3 3 2 0 3 3 6 3 3 3 9 3 2																								* TOTALS
	0 0 4 0 8 9 8 8 9 9 9 9 0 0 8 7 0 0 1 3 0 0 5 3 8																								
ANIMAL ID	0 0																								* TOTALS
	0 0																								
0 MG/KG	2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5																								* TOTALS
	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								

**INTEGUMENTARY SYSTEM**

Mammary Gland Duct, Dilatation	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	1	<b>1 2.0</b>
Skin Ulcer	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	<b>1 4.0</b>
Site Of Application - Dermis, Fibrosis						1					1														2	<b>6 1.7</b>
Site Of Application - Dermis, Inflammation																									3	<b>3 2.3</b>
Site Of Application - Epidermis, Hyperplasia						1										1							2	2	<b>8 1.8</b>	
Site Of Application - Epidermis, Ulcer																									2	<b>3 2.0</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	<b>1 2.0</b>
Cartilage, Femur, Joint, Hyperplasia																									2	<b>1 1.0</b>
Femur, Joint, Inflammation																									1	<b>1 1.0</b>

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	<b>1 2.0</b>
Ventricle, Inflammation																										

**RESPIRATORY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 15





TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																									* TOTALS	
	7 7 5 7 7 7 7 7 7 4 7 7 7 7 7 7 4 5 7 7 4 5 7 3 2 3 3 4 3 2 2 2 2 2 9 2 2 3 3 2 0 3 3 6 3 3 3 9 3 2 0 0 4 0 8 9 8 8 9 9 9 9 0 0 8 7 0 0 1 3 0 0 5 3 8																										
B6C3F1 MICE MALE 0 MG/KG	ANIMAL ID	0 0																									
		0 0																									
		2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5																									
		6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																									
Kidney	+ +																									50	
Cyst																										1	7 1.1
Hydronephrosis																										1	5 1.6
Inflammation																										2	4 2.0
Mineralization	1																									1	22 1.0
Nephropathy	1 1																									2	45 1.7
Artery, Inflammation	2 2 4 2 1 3																									2 1 2	2 3.0
Urinary Bladder	+ +																									50	
Mineralization																										1	1 2.0

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 2) Mild 4) Marked  
 Page 17



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																									males (cont...)
	7 7 5 5 7 7 6 7 7 5 7 7 7 7 7 7 7 7 4 6 6 7 7 7 7																									
B6C3F1 MICE MALE 150 MG/KG	2 2 3 2 3 3 3 3 2 8 2 2 2 2 2 3 2 2 9 1 5 0 3 2 3																									
	9 9 3 1 0 0 1 0 9 9 8 9 9 8 8 0 9 9 5 1 6 1 0 9 0																									
ANIMAL ID	0 0																									
	0 0																									
150 MG/KG	0 0																									
	5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																									
																									1	
Hepatocyte, Hypertrophy																									1	
Hepatocyte, Necrosis																									3	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse																									1 2 2 1 1 1 2	
Serosa, Inflammation																									1	
Mesentery Necrosis																									+ 3 + 3 + 3 + 3	
Pancreas Acinus, Hyperplasia																									+ + + + + 2 2 +	
Artery, Inflammation																									2	
Duct, Cyst																									1 4	
Salivary Glands																									+ +	
Stomach, Forestomach Erosion																									+ +	
Inflammation																									3 2	
Ulcer																									3	
Epithelium, Hyperplasia																									3 2	
Stomach, Glandular																									+ +	
Tooth Dysplasia																									+ X + X	
Peridontal Tissue, Fibrosis																										

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
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 Lab: BAT

DAY ON TEST	0 0																								
	7 7 5 5 7 7 6 7 7 5 7 7 7 7 7 7 7 7 4 6 6 7 7 7 7																								
ANIMAL ID	2 2 3 2 3 3 3 3 2 8 2 2 2 2 2 3 2 2 9 1 5 0 3 2 3																								
	9 9 3 1 0 0 1 0 9 9 8 9 9 8 8 0 9 9 5 1 6 1 0 9 0																								
<b>B6C3F1 MICE MALE</b> <b>150 MG/KG</b>	0 0																								
	0 0																								
	0 0																								
	5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males  
(cont...)

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																								
Heart	+ +																								
Myocardium, Cardiomyopathy	1 1																								
Myocardium, Fibrosis	1 1																								
Myocardium, Infiltration Cellular, Mononuclear Cell	1 1																								
Myocardium, Mineralization	1 1																								
Myocardium, Necrosis	1 1																								
Myocardium, Vacuolization Cytoplasmic	1 1																								

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								
Hyperplasia	1 1																								
Hypertrophy	1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1																								
Subcapsular, Hyperplasia	1 2 1 1 3 2 2 2 3 2 2 3 2 2 2 1 2 1 1 1 2 2 1 1 1																								
Adrenal Medulla	+ +																								
Hyperplasia	2 2																								
Islets, Pancreatic	+ +																								
Hyperplasia	2 1 1 2 1 2 1 1 1 1 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1																								
Parathyroid Gland	+ + + M + + + + + + + + + + + M M M M + + + M + +																								

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 Page 20

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0																									males (cont...)
	7	7	5	5	7	7	6	7	7	5	7	7	7	7	7	7	7	4	6	6	7	7	7	7		
ANIMAL ID	0																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>150 MG/KG</b>	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																								
Pars Distalis, Hyperplasia								1		1														
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Coagulating Gland																								
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granuloma Sperm																								
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																							3	
Duct, Ectasia															2							2	2	3
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia								2																
Epithelium, Hyperplasia											1													
Epithelium, Hyperplasia																	2							
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 Page 21

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 5 5 7 7 6 7 7 5 7 7 7 7 7 7 7 4 6 6 7 7 7 7																								
ANIMAL ID	2 2 3 2 3 3 3 3 2 8 2 2 2 2 2 3 2 2 9 1 5 0 3 2 3																								
	9 9 3 1 0 0 1 0 9 9 8 9 9 8 8 0 9 9 5 1 6 1 0 9 0																								
<b>B6C3F1 MICE MALE</b> <b>150 MG/KG</b>	0 0																								
	0 0																								
	0 0																								
	5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males (cont...)

Testes	+ +																								
Mineralization																									
Germinal Epithelium, Degeneration	1 3 1																								

**HEMATOPOIETIC SYSTEM**

Bone Marrow Angiectasis	+ +																								
Lymph Node																									
Lymph Node, Mandibular Hyperplasia, Plasma Cell	+ 2																								
Lymph Node, Mesenteric Hyperplasia, Plasma Cell	+ 2																								
Spleen Atrophy	+ +																								
Thymus	+ + M +																								

**INTEGUMENTARY SYSTEM**

Mammary Gland	M M																								
---------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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 Page 22

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008

Time Report Requested: 15:09:46

First Dose M/F: 10/03/02 / 10/02/02

Lab: BAT

DAY ON TEST	0 0																								
	7 7 5 5 7 7 6 7 7 5 7 7 7 7 7 7 7 4 6 6 7 7 7 7 7																								
ANIMAL ID	2 2 3 2 3 3 3 3 2 8 2 2 2 2 2 3 2 2 9 1 5 0 3 2 3																								
	9 9 3 1 0 0 1 0 9 9 8 9 9 8 8 0 9 9 5 1 6 1 0 9 0																								
<b>B6C3F1 MICE MALE</b> <b>150 MG/KG</b>	0 0																								
	0 0																								
	0 0																								
	5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males  
(cont...)

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer																									
Site Of Application - Dermis, Fibrosis																									
Site Of Application - Dermis, Inflammation																									
Site Of Application - Epidermis, Hyperplasia																									
Site Of Application - Epidermis, Ulcer																									

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																									
Thrombosis																									
Alveolar Epithelium, Hyperplasia																									
Alveolus, Infiltration Cellular, Histiocyte																									
Mediastinum, Inflammation																									
Perivascular, Cyst																									
Serosa, Hyperplasia																									

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	ANIMAL ID																									males (cont...)
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	5	5	7	7	6	7	7	5	7	7	7	7	7	7	7	7	4	6	6	7	7	7	7	0	
2	2	3	2	3	3	3	3	2	8	2	2	2	2	2	3	2	2	9	1	5	0	3	2	3	0	
9	9	3	1	0	0	1	0	9	9	8	9	9	8	8	0	9	9	5	1	6	1	0	9	0	0	

B6C3F1 MICE MALE 150 MG/KG		ANIMAL ID																									males (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nose Inflammation		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Cyst		1					1									1							1			
Hydronephrosis								2																		
Infarct																						1				
Infiltration Cellular, Mononuclear Cell																										
Inflammation																1										
Mineralization	1			1	1	1	1	1			1			1							1	1	1			
Nephropathy	1	1	1	2	1	1	1	1			1	1	1			2	1	1	1		2		1	2	1	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

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 2) Mild 4) Marked  
 Page 24



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7																								
B6C3F1 MICE MALE 150 MG/KG	3 3 2 1 2 3 3 2 3 2 3 2 2 3 2 2 3 2 3 2 3 3 3 3																								* TOTALS
	0 0 7 2 9 0 0 9 0 9 0 8 9 0 8 9 0 8 0 8 0 0 0 0																								
ANIMAL ID	0 0																								* TOTALS
	0 0																								
ANIMAL ID	0 0																								* TOTALS
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9																								
ANIMAL ID	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9																								* TOTALS
	0 0																								

**ALIMENTARY SYSTEM**

Esophagus	+ +																								50		
Gallbladder	+ +																								49		
Intestine Large, Cecum	+ +																								50		
Intestine Large, Colon	+ +																								50		
Intestine Large, Rectum	+ +																								50		
Intestine Small, Duodenum	+ +																								50		
Intestine Small, Ileum	+ +																								50		
Intestine Small, Jejunum	+ +																								50		
Liver	+ +																								50		
Angiectasis																									2	1 2.0	
Basophilic Focus																										1	
Clear Cell Focus	X X																			X X X		29					
Eosinophilic Focus	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	28		
Infarct																									4	2 3.5	
Inflammation																									1	2	3 1.3
Mixed Cell Focus																									X	X	9
Tension Lipidosis																									1	1	1 1.0

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																																																						
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																															
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1																															
	3	3	2	1	2	3	3	2	3	2	3	2	2	3	2	2	3	2	3	2	3	3	3	6																															
	0	0	7	2	9	0	0	9	0	9	0	8	9	0	8	9	0	8	0	8	0	0	0	8																															
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																															
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1																															
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0																															
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>																													
Hepatocyte, Hypertrophy																								1	1.0																														
Hepatocyte, Necrosis																								2	2.5																														
Hepatocyte, Vacuolization Cytoplasmic, Diffuse																								1	1	1	1	11	1.3																										
Serosa, Inflammation																								1	1.0																														
Mesentery																								+		+	+	8																											
Necrosis																								3		3	3	7	3.0																										
Pancreas																								+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50									
Acinus, Hyperplasia																										2		2		4	2.0																								
Artery, Inflammation																														1	2.0																								
Duct, Cyst																														2	2.5																								
Salivary Glands																								+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50								
Stomach, Forestomach																								+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50							
Erosion																																																	3	1	3.0				
Inflammation																										1																								3	2.0				
Ulcer																																																			1	3.0			
Epithelium, Hyperplasia																										2																									3	2.3			
Stomach, Glandular																								+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50					
Tooth																																																				5			
Dysplasia																																																					4		
Peridontal Tissue, Fibrosis																																																					2	1	2.0

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 x .. Lesion present  
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 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0																								* TOTALS
	7 1 2 3 0 9 0 9 0 9 0 8 9 0 8 9 0 8 0 8 0 0 0 8																								
<b>B6C3F1 MICE MALE</b> <b>150 MG/KG</b>	ANIMAL ID																								
	0 0																								
	0 0																								
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 0																								
6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																									

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																								50
Heart	+ +																								50
Myocardium, Cardiomyopathy																									12 1.1
Myocardium, Fibrosis																									3 1.0
Myocardium, Infiltration Cellular, Mononuclear Cell																									12 1.1
Myocardium, Mineralization																									1 1.0
Myocardium, Necrosis																									2 1.0
Myocardium, Vacuolization Cytoplasmic																									15 1.1

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								50
Hyperplasia																									4 1.0
Hypertrophy																									34 1.6
Subcapsular, Hyperplasia																									44 1.7
Adrenal Medulla	+ +																								50
Hyperplasia																									2 2.0
Islets, Pancreatic	+ +																								50
Hyperplasia																									35 1.6
Parathyroid Gland	M + M + M + M + + + M + + + + M M + + M M + M + M																								33

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 2) Mild 4) Marked  
 Page 27







TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	1	
	3	3	2	1	2	3	3	2	3	2	3	2	2	3	2	2	3	2	3	2	3	3	3	6	
	0	0	7	2	9	0	0	9	0	9	0	8	9	0	8	9	0	8	0	8	0	0	0	8	
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>150 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	<b>* TOTALS</b>
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation			1														3					1		3 1.7	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
<b>SPECIAL SENSES SYSTEM</b>																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
<b>URINARY SYSTEM</b>																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst										1							1				1	1		8 1.0	
Hydronephrosis																								1 2.0	
Infarct																								1 1.0	
Infiltration Cellular, Mononuclear Cell										2	2				1									3 1.7	
Inflammation											2													2 1.5	
Mineralization	1		1	1	1	1			1					1	1		1	1			1	1	1	26 1.0	
Nephropathy	1	2	2		2	1	1	2	2	2	2	2	2		1	1	2	1	1	2	2	1	1	42 1.4	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7																								
ANIMAL ID	3 2 3 2 2 5 3 3 2 2 2 2 2 3 2 3 3 2 2 4 2 3 2 2 3																								
	0 8 0 8 9 1 0 0 9 8 9 9 9 0 9 0 0 0 9 9 8 9 0 2 8 0																								
<b>B6C3F1 MICE MALE</b> <b>300 MG/KG</b>	0 0																								
	0 0																								
	1 1																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+ +																								
Inflammation																									
Ulcer	4 4																								
Gallbladder	+ M +																								
Intestine Large, Cecum	+ +																								
Intestine Large, Colon	+ +																								
Intestine Large, Rectum	+ +																								
Intestine Small, Duodenum	+ +																								
Intestine Small, Ileum	+ +																								
Intestine Small, Jejunum	+ +																								
Peyer's Patch, Hyperplasia																									
Liver	+ +																								
Basophilic Focus																									
Clear Cell Focus	X X																								
Eosinophilic Focus	X X																								
Fibrosis																									
Inflammation	1 2																								

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 x .. Lesion present  
 I .. Insufficient tissue  
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 Lab: BAT

DAY ON TEST	0 0																							
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7																							
ANIMAL ID	3 2 3 2 2 5 3 3 2 2 2 2 2 3 2 3 3 2 2 4 2 3 2 2 3																							
	0 8 0 8 9 1 0 0 9 8 9 9 9 0 9 0 0 0 9 9 8 9 0 2 8 0																							
<b>B6C3F1 MICE MALE</b> <b>300 MG/KG</b>	0 0																							
	0 0																							
	1 1																							
	0 0																							
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																							

males  
(cont...)

Inflammation  
 Peridontal Tissue, Fibrosis 3 4

**CARDIOVASCULAR SYSTEM**

Blood Vessel Adventitia, Inflammation	+ +																							
	2																							
Heart Artery, Inflammation	+ +																							
Epicardium, Hyperplasia	3																							
Epicardium, Inflammation	2																							
Myocardium, Cardiomyopathy	1 1																							
Myocardium, Fibrosis	1 1																							
Myocardium, Infiltration Cellular, Mononuclear Cell	1 1																							
Myocardium, Mineralization	1 1																							
Myocardium, Vacuolization Cytoplasmic	1 1 1 1 1 1																							

**ENDOCRINE SYSTEM**

Adrenal Cortex Hyperplasia	+ +																							
Hypertrophy	1 1 1 2 1 2 1 1 2 1 2 2 3 2 2 1 2 2 1 2 2 1 2 2																							
Subcapsular, Hyperplasia	2 2 2 2 2 1 2 1 2 2 1 2 2 2 2 1 2 2 1 2 2 2 2 1																							
Adrenal Medulla Hyperplasia	+ +																							

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 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7																								
ANIMAL ID	3 2 3 2 2 5 3 3 2 2 2 2 2 3 2 3 3 2 2 4 2 3 2 2 3																								
	0 8 0 8 9 1 0 0 9 8 9 9 9 0 9 0 0 9 9 8 9 0 2 8 0																								
<b>B6C3F1 MICE MALE</b> <b>300 MG/KG</b>	0 0																								
	0 0																								
	1 1																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males (cont...)

Islets, Pancreatic Hyperplasia	+ +																								
	2 3 3 2 2 2 2 2 2 3 3 1 1 2 1 1 1 1 2 2 2 2 2 2 2																								
Parathyroid Gland	M + + + + M M + + + + + + + + + + + + + + + M +																								
Pituitary Gland Pars Distalis, Cyst Pars Distalis, Hyperplasia	+ + + + + + + + + + + + M + + + + + + + + + + + + +																								
	1 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1																								
Thyroid Gland Follicle, Cyst	+ +																								
	2																								

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis Granuloma Sperm Inflammation	+ +																								
	1																								
Preputial Gland Fibrosis Inflammation	+ +																								
	4																								
Prostate	+ +																								

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TDMS No. 99028 - 06  
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DAY ON TEST	0 0																								
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7																								
ANIMAL ID	3 2 3 2 2 5 3 3 2 2 2 2 2 3 2 3 3 2 2 4 2 3 2 2 3																								
	0 8 0 8 9 1 0 0 9 8 9 9 9 0 9 0 0 0 9 9 8 9 0 2 8 0																								
<b>B6C3F1 MICE MALE</b> <b>300 MG/KG</b>	0 0																								
	0 0																								
	1 1																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males  
(cont...)

Inflammation Epithelium, Hyperplasia																										2
Seminal Vesicle Dilatation	+ +																									2
Testes Germinal Epithelium, Degeneration	+ +																									1 1

**HEMATOPOIETIC SYSTEM**

Bone Marrow Myelofibrosis	+ +																									3
Lymph Node	+ +																									+
Lymph Node, Mandibular	+ +																									
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+ +																									2
Spleen Atrophy Hematopoietic Cell Proliferation	+ +																									
Thymus Inflammation	+ +																									2 M +

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 2) Mild 4) Marked  
 Page 36

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 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

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DAY ON TEST	0 0																								
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7																								
ANIMAL ID	3 2 3 2 2 5 3 3 2 2 2 2 2 3 2 3 3 2 2 4 2 3 2 2 3																								
	0 8 0 8 9 1 0 0 9 8 9 9 9 0 9 0 0 9 9 8 9 0 2 8 0																								
<b>B6C3F1 MICE MALE</b> <b>300 MG/KG</b>	0 0																								
	0 0																								
	1 1																								
	0 0																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males  
(cont...)

**INTEGUMENTARY SYSTEM**

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Site Of Application - Dermis, Fibrosis																									
Site Of Application - Dermis, Inflammation																									
Site Of Application - Epidermis, Hyperplasia																									
Site Of Application - Epidermis, Ulcer																									

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thrombosis																									
Alveolar Epithelium, Hyperplasia																									

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 Species/Strain: MICE/B6C3F1

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 bis(2-Chloroethoxy)methane  
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 Lab: BAT

DAY ON TEST	0 0																								
	7 7 6 7 7 7 7 6 7 7 7 7 7 1 7 7 5 7 5 7 7 7 7 7																								
ANIMAL ID	2 2 6 2 2 3 2 3 3 2 2 2 2 2 2 2 3 2 0 3 2 2 3 3 2																								
	9 9 1 8 9 0 9 8 0 8 9 9 9 7 8 9 3 9 1 0 9 9 0 0 8																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>																								

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																									1 4.0
Ulcer																									1 4.0
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Peyer's Patch, Hyperplasia																								4	1 4.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basophilic Focus							X																		1
Clear Cell Focus	X	X	X	X	X		X		X	X	X		X		X	X		X	X		X	X	X	X	34
Eosinophilic Focus			X		X		X	X	X	X	X	X					X		X	X		X	X		27
Fibrosis																									1 2.0
Inflammation							1						1												5 1.2

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 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	6	7	7	7	7	6	7	7	7	7	7	1	7	7	5	7	5	7	7	7	7	7	
	2	2	6	2	2	3	2	3	3	2	2	2	2	2	2	2	3	2	0	3	2	2	3	3	
	9	9	1	8	9	0	9	8	0	8	9	9	9	7	8	9	3	9	1	0	9	9	0	0	
<b>B6C3F1 MICE MALE</b>	.....																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
<b>300 MG/KG</b>	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	<b>* TOTALS</b>
Mixed Cell Focus												X	X										X	9	
Tension Lipidosis											X						X							3	
Thrombosis																								2	
Hepatocyte, Necrosis							1					1								2		1		10	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse			1	1								1						2			1			12	
Oval Cell, Hyperplasia							1																	2	
Mesentery																								11	
Inflammation																							2	3	
Necrosis																								7	
Pancreas																								50	
Acinus, Atrophy																								1	
Acinus, Hyperplasia							2		1				2	2		2				2		1	1	13	
Duct, Cyst									1															2	
Salivary Glands																								50	
Stomach, Forestomach																								50	
Ulcer																								1	
Epithelium, Hyperplasia																								1	
Stomach, Glandular																								50	
Inflammation																1								1	
Glands, Hyperplasia																						2		1	
Serosa, Inflammation																								1	
Tooth																								4	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
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DAY ON TEST	0 0																								* TOTALS		
	7 7 6 7 7 7 7 6 7 7 7 7 7 1 7 7 5 7 5 7 7 7 7 7																										
ANIMAL ID	2 2 6 2 2 3 2 3 3 2 2 2 2 2 2 2 3 2 0 3 2 2 3 3 2																								* TOTALS		
	9 9 1 8 9 0 9 8 0 8 9 9 9 7 8 9 3 9 1 0 9 9 0 0 8																										
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		

Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	39 2.0
	2	1	1		3		2	3		3	2	3	1		3	3		1	1	2	3	2			1		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	45	
Pituitary Gland Pars Distalis, Cyst Pars Distalis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	3 1.3 17 1.4
						2							1														
Thyroid Gland Follicle, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2 2.0
												2															

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Epididymis Granuloma Sperm Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2 3.0 1 1.0
								3			3																
Preputial Gland Fibrosis Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 2.0 2 2.5
										2																	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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DAY ON TEST	0																																																																																																																																																																																																				
	7	7	2	4	7	7	7	7	7	7	7	6	7	4	0	2	6	0	6	5	4	1	7	7	7																																																																																																																																																																												
2	2	2	8	2	2	2	2	2	3	2	7	3	8	0	4	7	4	3	6	2	2	3	2	2	9	8	6	9	6	8	9	8	8	0	9	4	0	6	4	5	8	4	0	8	0	3	0	9	9	B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID	0																									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
9	8	6	9	6	8	9	8	8	0	9	4	0	6	4	5	8	4	0	8	0	3	0	9	9	B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID	0																									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5																									
B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID	0																																																																																																																																																																																																			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0																																																																																																																																																																										
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0																																																																																																																																																																										
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1																																																																																																																																																																										
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7																																																																																																																																																																												
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5																																																																																																																																																																													

males  
(cont...)

ALIMENTARY SYSTEM

Esophagus Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Inflammation	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum Mineralization									1															
Intestine Small, Jejunum Epithelium, Diverticulum																							X	
Intestine Small, Jejunum Peyer's Patch, Hyperplasia																							3	
Intestine Small, Jejunum Serosa, Inflammation																							1	
Liver Basophilic Focus	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 Lab: BAT

	DAY ON TEST																									males (cont...)
	0729	0778	0786	0789	0796	0798	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	0808	
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>600 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Clear Cell Focus	X	X								X	X							X		X		X	X	X		
Congestion																				3						
Eosinophilic Focus	X	X			X	X		X	X	X			X					X		X		X	X			
Hemorrhage												3														
Infarct																										
Inflammation	1												1					2								
Mixed Cell Focus																		X					X			
Regeneration	2																									
Tension Lipidosis				X			X														X					
Thrombosis																										
Bile Duct, Cyst																		3								
Centrilobular, Degeneration				1									2								2					
Hepatocyte, Hypertrophy													2													
Hepatocyte, Necrosis													3													
Hepatocyte, Vacuolization Cytoplasmic, Diffuse	3		4	2							1							2			3			1		
Mesentery Inflammation																										
Pancreas Basophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Acinus, Atrophy													1													
Acinus, Hyperplasia												2						2								
Duct, Cyst																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Stomach, Forestomach Edema	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

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bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

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 Lab: BAT

DAY ON TEST	0 0																								
	7 7 2 4 7 7 7 7 7 7 6 7 4 0 2 6 0 6 5 4 1 7 7 7 7																								
ANIMAL ID	2 2 2 8 2 2 2 2 2 3 2 7 3 8 0 4 7 4 3 6 2 2 3 2 2																								
	9 8 6 9 6 8 9 8 8 0 9 4 0 6 4 5 8 4 0 8 0 3 0 9 9																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>600 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males (cont...)

Erosion																									
Inflammation																									
Ulcer			3	2								3								2	3				
Epithelium, Hyperplasia																									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Erosion																	2			4					
Inflammation																									
Tooth																									
Dysplasia																									
Peridontal Tissue, Fibrosis																									

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrium, Thrombosis												3												
Myocardium, Cardiomyopathy		1	2		1				2		3	1	1		1			1	1	1	1	1	1	1
Myocardium, Fibrosis		1			1						1									1			1	1
Myocardium, Infiltration Cellular, Mononuclear Cell		1	2		1				2		3	1	1		1			1	1	1	1	1	1	1
Myocardium, Mineralization												2												
Myocardium, Necrosis																								
Myocardium, Vacuolization Cytoplasmic	1	1	2		1		1		2		3	1	1		1			1	1	1	1	1	1	

**ENDOCRINE SYSTEM**

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DAY ON TEST	0 0																								
	7 7 2 4 7 7 7 7 7 7 6 7 4 0 2 6 0 6 5 4 1 7 7 7 7																								
ANIMAL ID	2 2 2 8 2 2 2 2 2 3 2 7 3 8 0 4 7 4 3 6 2 2 3 2 2																								
	9 8 6 9 6 8 9 8 8 0 9 4 0 6 4 5 8 4 0 8 0 3 0 9 9																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>600 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males  
(cont...)

Adrenal Cortex	+ +																								
Hyperplasia																									
Hypertrophy	3 1 1 2 1 2																								
Subcapsular, Hyperplasia	2 3 2 2 3 1 2 2 2 2 2 2 1 1 1 2 2 1 2 3 2																								
Adrenal Medulla	+ +																								
Pigmentation, Melanin	2																								
Islets, Pancreatic	+ +																								
Hyperplasia	2 2 3 1 2 2 1 2 1 2																								
Parathyroid Gland	M + + + + + + M + + + + + + + + M + + + + + + + +																								
Cyst	1																								
Pituitary Gland	+ +																								
Pars Distalis, Cyst	2																								
Pars Distalis, Hyperplasia	1 1																								
Thyroid Gland	+ +																								
Follicular Cell, Hyperplasia	1 1																								

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	2	4	7	7	7	7	7	7	6	7	4	0	2	6	0	6	5	4	1	7	7	7	
	2	2	2	8	2	2	2	2	2	3	2	7	3	8	0	4	7	4	3	6	2	2	3	2	2
	9	8	6	9	6	8	9	8	8	0	9	4	0	6	4	5	8	4	0	8	0	3	0	9	9
B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males  
(cont...)

Coagulating Gland	+																								
Epididymis Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland Inflammation Duct, Ectasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate Inflammation Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes Germinal Epithelium, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**HEMATOPOIETIC SYSTEM**

Bone Marrow Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node																									
Lymph Node, Mandibular Hyperplasia, Plasma Cell	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 2 4 7 7 7 7 7 7 6 7 4 0 2 6 0 6 5 4 1 7 7 7 7																								
ANIMAL ID	2 2 2 8 2 2 2 2 2 3 2 7 3 8 0 4 7 4 3 6 2 2 3 2 2																								
	9 8 6 9 6 8 9 8 8 0 9 4 0 6 4 5 8 4 0 8 0 3 0 9 9																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>600 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males (cont...)

Lymph Node, Mesenteric Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen Atrophy Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+

**INTEGUMENTARY SYSTEM**

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin Ulcer	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Site Of Application - Dermis, Fibrosis	2	1		1	1	2				1				1	1			1	1	1		1	1	
Site Of Application - Dermis, Inflammation	2				1					2				1				1		1	1	1		
Site Of Application - Epidermis, Hyperplasia	3	1		1	1	1				1			1	1				1	1	1	1	1	1	
Site Of Application - Epidermis, Ulcer Subcutaneous Tissue, Edema										1														

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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 Lab: BAT

	DAY ON TEST	Animals																									males (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	7	2	4	7	7	7	7	7	7	6	7	4	0	2	6	0	6	5	4	1	7	7	7		
		2	2	2	8	2	2	2	2	3	2	7	3	8	0	4	7	4	3	6	2	2	3	2	2		
		9	8	6	9	6	8	9	8	8	0	9	4	0	6	4	5	8	4	0	8	0	3	0	9	9	
<b>B6C3F1 MICE MALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
<b>600 MG/KG</b>		5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7			
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Skeletal Muscle

**NERVOUS SYSTEM**

Brain +

**RESPIRATORY SYSTEM**

Lung +  
 Alveolar Epithelium, Hyperplasia

Nose +  
 Inflammation 1 1 1

Trachea +

**SPECIAL SENSES SYSTEM**

Eye +  
 Cornea, Hyperplasia

Harderian Gland +  
 Hemorrhage 3

Zymbal's Gland

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DAY ON TEST	0																																																																																																																																																																												
	7	7	2	4	7	7	7	7	7	7	7	6	7	4	0	2	6	0	6	5	4	1	7	7	7																																																																																																																																																				
2	2	2	8	2	2	2	2	2	3	2	7	3	8	0	4	7	4	3	6	2	2	3	2	2	9	8	6	9	6	8	9	8	8	0	9	4	0	6	4	5	8	4	0	8	0	3	0	9	9	B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID	0																									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
9	8	6	9	6	8	9	8	8	0	9	4	0	6	4	5	8	4	0	8	0	3	0	9	9	B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID	0																									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5																									
B6C3F1 MICE MALE 600 MG/KG	ANIMAL ID	0																																																																																																																																																																											
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0																																																																																																																																																		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1																																																																																																																																																		
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7			7																																																																																																																																																		
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5																																																																																																																																																			

males  
(cont...)

Cyst

**URINARY SYSTEM**

Kidney	+																								
Cyst	+																								
Hydronephrosis	+																								
Inflammation	+																								
Mineralization	1	1		1																					
Nephropathy	1	2		2	1	1	2	1	2	2	2	1	1	1											
Urinary Bladder	+																								

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Page 53

1-4 .. Lesion qualified as:

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TDMS No. 99028 - 06  
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 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0																								* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	5	7	7	0	6	7	7	7	7	5	7	5	7	7	2	7	7	4	0	7	7	7	7	
	2	8	6	9	0	7	8	0	8	0	9	2	0	3	9	8	1	8	0	1	0	9	0	9	8	
B6C3F1 MICE MALE 600 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

**ALIMENTARY SYSTEM**

Esophagus Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 2.0
Gallbladder Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Jejunum Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 2.0
Mineralization Epithelium, Diverticulum																									1	1 1.0
Peyer's Patch, Hyperplasia																									1	1 3.0
Serosa, Inflammation																									1	1 1.0
Liver Basophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	3

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 bis(2-Chloroethoxy)methane  
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 Lab: BAT

	DAY ON TEST																								* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	5	7	7	0	6	7	7	7	7	5	7	5	7	7	2	7	7	4	0	7	7	7	7	
	2	8	6	9	0	7	8	0	8	0	9	2	0	3	9	8	1	8	0	1	0	9	0	9	8	
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>600 MG/KG</b>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Clear Cell Focus		X	X		X			X	X						X								X		16	
Congestion																									1 3.0	
Eosinophilic Focus		X	X	X	X			X	X	X		X	X	X		X		X			X		X	X	27	
Hemorrhage																									1 3.0	
Infarct													4		3										2 3.5	
Inflammation					1			1																	5 1.2	
Mixed Cell Focus						X				X					X	X							X		7	
Regeneration																									1 2.0	
Tension Lipidosis											X	X							X						6	
Thrombosis							2																		1 2.0	
Bile Duct, Cyst																									1 3.0	
Centrilobular, Degeneration																									3 1.7	
Hepatocyte, Hypertrophy																									1 2.0	
Hepatocyte, Necrosis																1									2 2.0	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse		1	2						1						1				2			2			13 1.9	
Mesentery																										
Inflammation																									1	
																									1 1.0	
Pancreas																										
Basophilic Focus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Acinus, Atrophy																								1	1 1.0	
Acinus, Hyperplasia																									2 2.0	
Duct, Cyst						2																			2 2.0	
Salivary Glands																										
		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach																										
Edema																									2	
																									1 2.0	

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bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	7	5	7	7	0	6	7	7	7	7	5	7	5	7	7	2	7	7	4	0	7	7	7	7
	7	2	0	2	3	3	4	3	2	3	2	2	3	7	2	2	5	2	3	5	2	2	2	2	2
	2	8	6	9	0	7	8	0	8	0	9	2	0	3	9	8	1	8	0	1	0	9	0	9	8
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>600 MG/KG</b>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Erosion	2																									1	2.0
Inflammation	3																3									2	3.0
Ulcer																										7	2.4
Epithelium, Hyperplasia																										2	2.5
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Erosion	2																									4	2.5
Inflammation																	1									1	1.0
Tooth																										1	
Dysplasia																										1	1
Peridontal Tissue, Fibrosis																										1	3.0

**CARDIOVASCULAR SYSTEM**

Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrium, Thrombosis																										1	3.0
Myocardium, Cardiomyopathy		2	2	1		2	1	2		2	2		1		1	1		1					2	1	28	1.4	
Myocardium, Fibrosis		1	1			1				1	2							1					1	1	13	1.1	
Myocardium, Infiltration Cellular, Mononuclear Cell		2	2	1		1	1	2		2	2		1		1	1		1					2	1	28	1.4	
Myocardium, Mineralization						1																				3	1.3
Myocardium, Necrosis												1														1	1.0
Myocardium, Vacuolization Cytoplasmic		2	1	1		2	1	1		2	2				1	1		1					2	2	29	1.3	

**ENDOCRINE SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS		
	0 7 5 7 7 0 6 7 7 7 7 5 7 5 7 7 2 7 7 4 0 7 7 7 7																										
ANIMAL ID	7 2 0 2 3 3 4 3 2 3 2 2 3 7 2 2 5 2 3 5 2 2 2 2 2																								* TOTALS		
	2 8 6 9 0 7 8 0 8 0 9 2 0 3 9 8 1 8 0 1 0 9 0 9 8																										
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
<b>600 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2	1.0
Hyperplasia									1																		22	1.3
Hypertrophy				2	1	1		1	1		1	1	1				1				2	1	2	1			39	1.9
Subcapsular, Hyperplasia	1	2	2	2	2		1	2	2	2	3			2			1	2	2	2		2	2		2			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	2.0
Pigmentation, Melanin																												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	21	1.8
Hyperplasia		1	2	2				2	2					2	2	2		2	1			1		2	2			
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	2	1.0
Cyst					1																							
Pituitary Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	3	1.7
Pars Distalis, Cyst									1																		5	1.0
Pars Distalis, Hyperplasia										1						1		1										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2	1.0
Follicular Cell, Hyperplasia																												

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 57





TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	0 7 5 7 7 0 6 7 7 7 7 5 7 5 7 7 2 7 7 4 0 7 7 7 7																								
ANIMAL ID	7 2 0 2 3 3 4 3 2 3 2 2 3 7 2 2 5 2 3 5 2 2 2 2 2																								
	2 8 6 9 0 7 8 0 8 0 9 2 0 3 9 8 1 8 0 1 0 9 0 9 8																								
<b>B6C3F1 MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>600 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																								<b>* TOTALS</b>	

Skeletal Muscle + 1

**NERVOUS SYSTEM**

Brain + 50

**RESPIRATORY SYSTEM**

Lung + 50  
 Alveolar Epithelium, Hyperplasia 2 1 2 1.5

Nose + 50  
 Inflammation 3 1.0

Trachea + 50

**SPECIAL SENSES SYSTEM**

Eye + 50  
 Cornea, Hyperplasia 1 1 1.0

Harderian Gland + + + + + + + + + + + M + + + + + + + + + + + + + 49  
 Hemorrhage 1 3.0

Zymbal's Gland + 1

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 Page 60



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0																								
	5	7	7	7	6	6	7	7	7	7	7	5	7	6	7	7	7	4	7	5	7	5	7	7	7

  

ANIMAL ID	0																								
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

**B6C3F1 MICE FEMALE**  
**0 MG/KG**

**females (cont...)**

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																								
Epithelium, Hyperplasia																								
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Diverticulum																								
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peyer's Patch, Diverticulum																								
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																								
Clear Cell Focus																								
Eosinophilic Focus																								
Infarct																								

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 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
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1-4 .. Lesion qualified as:  
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 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	7	7	7	6	6	7	7	7	7	7	5	7	6	7	7	7	4	7	5	7	5	7	7	7	
	3	2	1	1	7	3	2	2	1	2	2	1	2	5	2	1	2	7	2	3	2	8	2	2	2	
	4	7	4	4	1	9	8	9	4	7	7	4	8	2	8	7	9	2	7	4	8	8	7	7	7	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	<b>females (cont...)</b>
Inflammation		1				1						1												1		
Mixed Cell Focus					X																					
Tension Lipidosis	X										X						X					X				
Hepatocyte, Mineralization				1																						
Hepatocyte, Necrosis				4																		2				
Hepatocyte, Vacuolization Cytoplasmic, Diffuse															2											
Serosa, Fibrosis																								2		
Serosa, Inflammation									1															2		
Mesentery																										
Necrosis																										
Pancreas																										
Inflammation																										
Acinus, Hyperplasia																										
Duct, Cyst																										
Salivary Glands																										
Stomach, Forestomach																										
Inflammation																										
Ulcer																										
Epithelium, Hyperplasia																										
Stomach, Glandular																										
Epithelium, Hyperplasia																										

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
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 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	5 7 7 7 6 6 7 7 7 7 7 5 7 6 7 7 7 4 7 5 7 5 7 7 7																								
ANIMAL ID	3 2 1 1 7 3 2 2 1 2 2 1 2 5 2 1 2 7 2 3 2 8 2 2 2																								
	4 7 4 4 1 9 8 9 4 7 7 4 8 2 8 7 9 2 7 4 8 8 7 7 7																								
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	

females (cont...)

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Artery, Inflammation																								
Myocardium, Cardiomyopathy			2	1					1	1						2								
Myocardium, Fibrosis																								
Myocardium, Infiltration Cellular, Mononuclear Cell			2						1	1					2									
Myocardium, Mineralization			1																					
Myocardium, Necrosis			1																					
Myocardium, Vacuolization Cytoplasmic	1	2	1						1	1		1				1	2							
Valve, Thrombosis				2																				

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy												3												
Hyperplasia				1							1						2			1				
Hypertrophy		2			1		2	1	1	1			2	1	1	2			2	2	1		2	2
Subcapsular, Hyperplasia	2	3	3	3	3	2	2	2	2	3	3	1	2	2	2	3	3	2	3	3	3	3	3	3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		2		1												2								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																									females (cont...)
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 MICE FEMALE</b>	5	7	7	7	6	6	7	7	7	7	7	5	7	6	7	7	7	4	7	5	7	5	7	7	7	
<b>0 MG/KG</b>	3	2	1	1	7	3	2	2	1	2	2	1	2	5	2	1	2	7	2	3	2	8	2	2	2	
	4	7	4	4	1	9	8	9	4	7	7	4	8	2	8	7	9	2	7	4	8	8	7	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Hyperplasia	2				1		1	1			1							1		1		1				
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	M	M	M	+	+	M	+	+	+	+	+	M	M	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	
Pars Distalis, Angiectasis	2																									
Pars Distalis, Cyst										1																
Pars Distalis, Hyperplasia	2		1			2		1	1					1	1	2		2						1		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation																										
Follicle, Cyst																								1		

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst	2	2					2	3	2				2						2			2	2		
Hemorrhage			3													3									
Pigmentation, Hemosiderin								2																	
Periovarian Tissue, Inflammation										4	2														
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0																								
	5	7	7	7	6	6	7	7	7	7	7	5	7	6	7	7	7	4	7	5	7	5	7	7	7
3	2	1	1	7	3	2	2	1	2	2	1	2	5	2	1	2	7	2	3	2	8	2	2	2	
4	7	4	4	1	9	8	9	4	7	7	4	8	2	8	7	9	2	7	4	8	8	7	7	7	
B6C3F1 MICE FEMALE 0 MG/KG	0																								
	0																								
	2																								
	0																								
	1																								
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
	<b>females (cont...)</b>																								

Endometrium, Hyperplasia, Cystic Myometrium, Angiectasis 1 2 2 1 4 3 3 3 2 4 3 4 4 3 4 3 2 4 3 3 3 2 2 3

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Myelofibrosis				3													2							
Lymph Node			+									+												+
Iliac, Degeneration, Cystic																								
Iliac, Hemorrhage																								
Lumbar, Hyperplasia, Lymphoid																								
Renal, Hyperplasia, Lymphoid																								
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation																								
Hyperplasia, Lymphoid																								
Capsule, Hyperplasia																								
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**INTEGUMENTARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
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 Page 66

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																									females (cont...)
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	7	7	7	6	6	7	7	7	7	7	5	7	6	7	7	7	4	7	5	7	5	7	7	7	
	3	2	1	1	7	3	2	2	1	2	2	1	2	5	2	1	2	7	2	3	2	8	2	2	2	
	4	7	4	4	1	9	8	9	4	7	7	4	8	2	8	7	9	2	7	4	8	8	7	7	7	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Mammary Gland	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Site Of Application - Dermis, Fibrosis																								
Site Of Application - Dermis, Inflammation																								
Site Of Application - Epidermis, Hyperplasia																								
Site Of Application - Epidermis, Ulcer																								

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve																								
Spinal Cord																								
Demyelination																								

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																								

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 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 67



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

		DAY ON TEST																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>B6C3F1 MICE FEMALE</b>	<b>0 MG/KG</b>	5	7	7	7	6	6	7	7	7	7	7	5	7	6	7	7	7	4	7	5	7	5	7	7	7
		3	2	1	1	7	3	2	2	1	2	2	1	2	5	2	1	2	7	2	3	2	8	2	2	2
		4	7	4	4	1	9	8	9	4	7	7	4	8	2	8	7	9	2	7	4	8	8	7	7	7
		.....																								
		ANIMAL ID																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
		<b>females (cont...)</b>																								
Urinary Bladder Inflammation, Chronic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 Page 69

TDMS No. 99028 - 06  
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 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS					
	7	7	7	7	7	7	7	7	5	5	6	7	7	7	7	6	7	7	7	7	7	6	7	0		2	2	8	0	7
<b>B6C3F1 MICE FEMALE</b> <b>0 MG/KG</b>	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0					

**ALIMENTARY SYSTEM**

Esophagus	+ +																								50	
Gallbladder	+ +																								50	
Fibrosis																									1	2.0
Epithelium, Hyperplasia																									1	2.0
Intestine Large, Cecum	+ +																								50	
Intestine Large, Colon	+ +																								50	
Epithelium, Diverticulum	1																								1	1.0
Intestine Large, Rectum	+ +																								50	
Intestine Small, Duodenum	+ +																								50	
Intestine Small, Ileum	+ +																								50	
Intestine Small, Jejunum	+ +																								50	
Peyer's Patch, Diverticulum	2																								1	2.0
Liver	+ +																								50	
Basophilic Focus																									1	
Clear Cell Focus	X																								1	
Eosinophilic Focus	X X																								12	
Infarct																									1	4.0

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								* TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Inflammation			1							1											1				
Mixed Cell Focus																								8 1.0	
Tension Lipidosis	X	X													X									1	
Hepatocyte, Mineralization																								7	
Hepatocyte, Necrosis																								1 1.0	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse																					1		1	2 3.0	
Serosa, Fibrosis																								3 1.3	
Serosa, Inflammation																								1 2.0	
																								2 1.5	
Mesentery	+	+																						16	
Necrosis	3	3																						14 3.1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																								1 2.0	
Acinus, Hyperplasia																								6 1.3	
Duct, Cyst																								1 3.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation																								2 1.0	
Ulcer																								1 3.0	
Epithelium, Hyperplasia																								5 1.4	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Epithelium, Hyperplasia																								2 1.5	

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DAY ON TEST	0 0																								* TOTALS	
	7 7 7 7 7 7 7 7 5 5 6 7 7 7 7 6 7 7 7 7 7 7 6 7																									
ANIMAL ID	2 2 2 2 2 2 2 2 5 9 7 2 2 2 2 9 2 2 2 0 2 2 8 0																									
	7 7 9 8 8 8 7 8 9 5 6 8 8 7 7 8 9 8 8 8 1 8 7 7 1																									
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																								50	
Heart	+ +																								50	
Artery, Inflammation																									3	1 3.0
Myocardium, Cardiomyopathy																									1	10 1.2
Myocardium, Fibrosis																									1	1 1.0
Myocardium, Infiltration Cellular, Mononuclear Cell																									1	9 1.2
Myocardium, Mineralization																									1	1 1.0
Myocardium, Necrosis																									1	1 1.0
Myocardium, Vacuolization Cytoplasmic	1																								1	14 1.1
Valve, Thrombosis																									1	1 2.0

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								50	
Atrophy																									1	3.0
Hyperplasia	2																								1	11 1.3
Hypertrophy	3 2 1 2 2 2 3 2 2 1 1 2 1 1 1 2 2 2 2 2 2 2 1																								38	1.7
Subcapsular, Hyperplasia	3 2 3 3 3 2 3 2 3 2 1 3 3 2 2 2 2 2 2 2 3 2 3 3																								50	2.5
Adrenal Medulla	+ +																								50	
Hyperplasia																									2	6 1.5
Islets, Pancreatic	+ +																								50	

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TDMS No. 99028 - 06  
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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

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 Lab: BAT

	DAY ON TEST																								* TOTALS
	0727	0728	0729	0730	0731	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810	0811	0812	0813	0814	0815	0816	0817	0818	0819	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Hyperplasia		1	1	2	1		2	1		1					2		1	1	1	1	2	2	1	<b>23 1.3</b>	
Parathyroid Gland	+	M	+	M	+	M	+	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	<b>35</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>49</b>
Pars Distalis, Angiectasis																									<b>1 2.0</b>
Pars Distalis, Cyst						1																			<b>2 1.0</b>
Pars Distalis, Hyperplasia	1				2			1		1	1		2	1	1	1			1	1	2	2	1	<b>24 1.3</b>	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Inflammation																									<b>1 1.0</b>
Follicle, Cyst								2																	<b>1 2.0</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Cyst															2	2						2	2	<b>13 2.1</b>	
Hemorrhage																									<b>2 3.0</b>
Pigmentation, Hemosiderin																									<b>1 2.0</b>
Periovarian Tissue, Inflammation																									<b>2 3.0</b>
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>

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DAY ON TEST	0 0																								* TOTALS		
	7 7 7 7 7 7 7 7 5 5 6 7 7 7 7 6 7 7 7 7 7 7 6 7																										
B6C3F1 MICE FEMALE 0 MG/KG	ANIMAL ID																								* TOTALS		
	2 2 2 2 2 2 2 2 5 9 7 2 2 2 2 9 2 2 2 0 2 2 8 0																										
																								6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0			
Endometrium, Hyperplasia, Cystic Myometrium, Angiectasis	3	2	4	2	4	3	4	2	3	2	1	4	3	2	3	2	3	3	2	3	2	2	3	2	4	49	2.8
																						2				1	2.0

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Myelofibrosis	2		2		2	1								2				2								8	2.0
Lymph Node							+										+									8	
Iliac, Degeneration, Cystic																		3								1	3.0
Iliac, Hemorrhage																		3								1	3.0
Lumbar, Hyperplasia, Lymphoid																						3				1	3.0
Renal, Hyperplasia, Lymphoid																						3				1	3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hematopoietic Cell Proliferation																						2			2	2	2.0
Hyperplasia, Lymphoid																						1				1	1.0
Capsule, Hyperplasia																						2				1	2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

**INTEGUMENTARY SYSTEM**

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 bis(2-Chloroethoxy)methane  
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DAY ON TEST	0																								* TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	5	5	6	7	7	7	7	6	7	7	7	7	7	6	7	6	7
	2	2	2	2	2	2	2	2	5	9	7	2	2	2	2	9	2	2	2	0	2	2	8	0	
	7	7	9	8	8	8	7	8	9	5	6	8	8	7	7	8	9	8	8	8	1	8	7	7	1
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>0 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Inflammation	1																								1	1.0
Alveolar Epithelium, Hyperplasia																									1	1.4
Alveolus, Infiltration Cellular, Histiocyte																									1	1.0
Nose	+																								50	
Inflammation	1																								1	1.0
Glands, Olfactory Epithelium, Dilatation																									2	2.0
Trachea	+																								50	

**SPECIAL SENSES SYSTEM**

Eye	+																								50	
Harderian Gland	+																								50	
Epithelium, Hyperplasia	1																								1	1.3

**URINARY SYSTEM**

Kidney	+																								50	
Infarct																									1	2.0
Infiltration Cellular, Mononuclear Cell																									2	1.8
Inflammation																									2	1.8
Mineralization																									1	1.0
Nephropathy	1																								1	1.1
Capsule, Fibrosis																									1	2.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 4 7 7 7 7 7 7 6 7 7 7 7 5 7 4 7 7 7 7 7 7 7																								
B6C3F1 MICE FEMALE 100 MG/KG	2 2 2 7 2 0 2 2 2 2 7 2 2 2 2 8 2 5 2 2 1 2 2 2 2																								
	9 7 8 5 8 0 7 9 8 8 1 7 2 7 8 9 8 4 8 7 1 8 8 9 7																								
ANIMAL ID	0 0																								
	0 0																								
100 MG/KG	2 2																								
	5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																									
<b>females (cont...)</b>																									

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Arteriole, Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon Arteriole, Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum Arteriole, Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer																									
Epithelium, Diverticulum																									
Intestine Small, Jejunum Peyer's Patch, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Basophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 4 7 7 7 7 7 7 6 7 7 7 7 5 7 4 7 7 7 7 7 7 7																								
ANIMAL ID	2 2 2 7 2 0 2 2 2 2 7 2 2 2 2 8 2 5 2 2 1 2 2 2 2																								
	9 7 8 5 8 0 7 9 8 8 1 7 2 7 8 9 8 4 8 7 1 8 8 9 7																								
<b>B6C3F1 MICE FEMALE</b> <b>100 MG/KG</b>	0 0																								
	0 0																								
	2 2																								
	5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

females  
(cont...)

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																								
Aorta, Inflammation																									
Heart	+ +																								
Artery, Inflammation																									
Myocardium, Cardiomyopathy																									
Myocardium, Fibrosis																									
Myocardium, Infiltration Cellular, Mononuclear Cell	1 1 1																								
Myocardium, Mineralization	2 2																								
Myocardium, Vacuolization Cytoplasmic	1 1 1																								

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								
Hyperplasia	1 1 1 1 1 1 2 1 1 1 1 1 1 2 1 2 3 2 1 1																								
Hypertrophy	2 1 1 1 2 3 2 2 2 2 1 1 1 1 2 1 2 3 2 1 1																								
Subcapsular, Hyperplasia	2 2 2 2 2 2 2 2 2 2 2 2 1 3 2 3 2 2 3 2 2 2 2 2 2																								
Adrenal Medulla	+ +																								
Hyperplasia																									
Islets, Pancreatic	+ +																								
Hyperplasia	1 1 1 1 2 1 1 2 2 3 1																								

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 4 7 7 7 7 7 7 6 7 7 7 7 5 7 4 7 7 7 7 7 7 7																								
B6C3F1 MICE FEMALE 100 MG/KG	2 2 2 7 2 0 2 2 2 2 7 2 2 2 2 8 2 5 2 2 1 2 2 2 2																								
	9 7 8 5 8 0 7 9 8 8 1 7 2 7 8 9 8 4 8 7 1 8 8 9 7																								
ANIMAL ID	0 0																								
	0 0																								
100 MG/KG	2 2																								
	5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
Endometrium, Hyperplasia, Cystic	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								
	3 4 2 4 3 4 3 3 2 3 3 3 1 2 3 3 2 3 2 1 3 2																								

females (cont...)

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+ +																								
Myelofibrosis	1 2																								
Lymph Node	+ + +																								
Pancreatic, Hyperplasia, Lymphoid	2																								
Lymph Node, Mandibular	+ +																								
Lymph Node, Mesenteric	+ +																								
Arteriole, Inflammation																									
Spleen	+ +																								
Hematopoietic Cell Proliferation	2																								
Hyperplasia, Lymphoid																									
Thymus	+ +																								

**INTEGUMENTARY SYSTEM**

Mammary Gland	+ +																								
Skin	+ +																								

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 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 82

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 4 7 7 7 7 7 7 6 7 7 7 7 5 7 4 7 7 7 7 7 7 7																								
B6C3F1 MICE FEMALE 100 MG/KG	2 2 2 7 2 0 2 2 2 2 7 2 2 2 2 8 2 5 2 2 1 2 2 2 2																								
	9 7 8 5 8 0 7 9 8 8 1 7 2 7 8 9 8 4 8 7 1 8 8 9 7																								
ANIMAL ID	0 0																								
	0 0																								
	2 2																								
	5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

females  
(cont...)

Site Of Application - Dermis, Fibrosis 1  
 Site Of Application - Dermis, Inflammation 1  
 Site Of Application - Epidermis, Hyperplasia 1

**MUSCULOSKELETAL SYSTEM**

Bone +

**NERVOUS SYSTEM**

Brain +

**RESPIRATORY SYSTEM**

Lung +  
 Infiltration Cellular 2  
 Inflammation  
 Alveolar Epithelium, Hyperplasia 2  
 Alveolus, Infiltration Cellular, Histiocyte  
 Arteriole, Inflammation  
 Nose +  
 Inflammation 1 1 1 1  
 Glands, Respiratory Epithelium, Dilatation

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 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 83

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	ANIMAL ID																									females (cont...)
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	7	4	7	7	7	7	7	7	6	7	7	7	7	5	7	4	7	7	7	7	7	7	7	7	
2	2	2	7	2	0	2	2	2	2	7	2	2	2	2	8	2	5	2	2	1	2	2	2	2	2	
9	7	8	5	8	0	7	9	8	8	1	7	2	7	8	9	8	4	8	7	1	8	8	9	7		

B6C3F1 MICE FEMALE 100 MG/KG	ANIMAL ID																									females (cont...)
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cornea, Inflammation					4										2										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia															2				2						

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infarct																									
Infiltration Cellular, Mononuclear Cell			2																						
Mineralization		1			1					1					1				1						
Nephropathy	1	1	1	1	2	1	1			2	1	1		1	2								1	2	
Renal Tubule, Dilatation												1													
Renal Tubule, Pigmentation					2																				
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Arteriole, Muscularis, Degeneration																									

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 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 84



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								* TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>100 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	9	8	7	9	8	9	8	9	9	8	7	9	7	7	6	8	8	7	7	9	8	7	4	9	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Clear Cell Focus	X																							3	
Eosinophilic Focus										X	X													9	
Inflammation				1		1						1		1	1		1							10	
Mixed Cell Focus																								1	
Regeneration																								1	
Tension Lipidosis	X						X									X						X		6	
Hepatocyte, Necrosis																					1			4	
Hepatocyte, Vacuolization Cytoplasmic																								1	
Hepatocyte, Vacuolization Cytoplasmic, Diffuse																								1	
Serosa, Inflammation																								1	
Mesentery																								13	
Necrosis	3	3	3			3	4						3	3	3									13	
Pancreas																								50	
Acinus, Atrophy											4		3											2	
Acinus, Hyperplasia			2																					3	
Duct, Cyst										3								4						2	
Salivary Glands																								50	
Stomach, Forestomach																								50	
Epithelium, Hyperplasia																								5	
Stomach, Glandular																								50	
Mineralization																	1							2	
Epithelium, Hyperplasia								2																1	
Glands, Hyperplasia			1																					2	

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 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7 7 7 5 6 7 7 7 7 7 7 7 7 3 7 7 7 7 7 7 6 7 6 2 2 2 2 1 5 2 2 2 2 2 2 2 2 8 2 2 2 2 2 2 6 2 6 9 8 7 9 8 9 8 9 9 8 7 9 7 7 6 8 8 7 7 9 8 7 4 9 4																								
<b>B6C3F1 MICE FEMALE</b> <b>100 MG/KG</b>	ANIMAL ID																								
	0 0																								
	0 0																								
	2 3 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 0 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																								50	
Aorta, Inflammation																									2	1 2.0
Heart	+ +																								50	
Artery, Inflammation																									3	3 2.3
Myocardium, Cardiomyopathy																									1	1 1.0
Myocardium, Fibrosis																									1	1 1.0
Myocardium, Infiltration Cellular, Mononuclear Cell																									1 1	1 1.0
Myocardium, Mineralization																									1	1 2.0
Myocardium, Vacuolization Cytoplasmic																									1	4 1.0

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								50	
Hyperplasia																									1 2	11 1.3
Hypertrophy	1 2 2 2 1 1 1 1 1 1 2 2 2 1 1 1 2 2 1 1 1 1 2 1																								46	1.5
Subcapsular, Hyperplasia	3 3 2 2 2 2 2 2 2 2 1 3 1 2 2 2 2 2 3 3 2 3 2 2 2																								50	2.1
Adrenal Medulla	+ +																								50	
Hyperplasia																									1	2 1.5
Islets, Pancreatic	+ +																								50	
Hyperplasia	1 2																								1 1	23 1.3

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 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 87

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008

Time Report Requested: 15:09:46

First Dose M/F: 10/03/02 / 10/02/02

Lab: BAT

	DAY ON TEST																									
	0729	0778	0779	0789	0788	0798	0778	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779		0779
<b>B6C3F1 MICE FEMALE</b>	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
<b>100 MG/KG</b>	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
	27	28	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
	98	79	87	98	89	88	99	99	88	79	97	77	68	88	77	79	88	77	98	78	47	94	99	04		
																										<b>* TOTALS</b>

Parathyroid Gland	+	+	M	+	M	+	+	+	+	M	+	+	+	+	M	+	M	+	+	+	M	M	+	M	M	<b>35</b>	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Pars Distalis, Angiectasis										3																	<b>2 2.5</b>
Pars Distalis, Cyst																						1					<b>1 1.0</b>
Pars Distalis, Hyperplasia	4	2	1	1	1		1	2			3	3		2				2	3	4				1	2		<b>27 2.0</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Inflammation																											<b>1 1.0</b>
Follicular Cell, Hyperplasia										1																	<b>2 1.0</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Inflammation																						1					<b>1 1.0</b>
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	
Angiectasis																											<b>1 4.0</b>
Cyst							2				2				2		1										<b>7 1.7</b>
Hemorrhage																											<b>1 4.0</b>
Mineralization																											<b>1 1.0</b>
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

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M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7 7 7 5 6 7 7 7 7 7 7 7 7 3 7 7 7 7 7 7 7 6 7 6																								
B6C3F1 MICE FEMALE 100 MG/KG	2 2 2 2 1 5 2 2 2 2 2 2 2 2 8 2 2 2 2 2 2 2 6 2 6																								
	9 8 7 9 8 9 8 9 9 8 7 9 7 7 6 8 8 7 7 9 8 7 4 9 4																								
ANIMAL ID	0 0																								
	0 0																								
	2 3																								
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 0																								
	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								
Endometrium, Hyperplasia, Cystic	3 3 2 3 2 3 3 4 2 3 3 4 2 4 1 2 1 3 2 4 4 1 3 3 4																								

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+ +																								50	
Myelofibrosis																									2	3 1.7
Lymph Node																									+ +	9
Pancreatic, Hyperplasia, Lymphoid																										1 2.0
Lymph Node, Mandibular	+ +																								50	
Lymph Node, Mesenteric	+ +																								3	50
Arteriole, Inflammation																										1 3.0
Spleen	+ +																								50	
Hematopoietic Cell Proliferation																										2
Hyperplasia, Lymphoid																									2	2
Thymus	+ +																								50	

**INTEGUMENTARY SYSTEM**

Mammary Gland	+ +																								50
Skin	+ +																								50

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 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																							
	7 7 7 7 5 6 7 7 7 7 7 7 7 7 3 7 7 7 7 7 7 7 6 7 6																							
B6C3F1 MICE FEMALE 100 MG/KG	2 2 2 2 1 5 2 2 2 2 2 2 2 2 8 2 2 2 2 2 2 2 6 2 6																							
	9 8 7 9 8 9 8 9 9 8 7 9 7 7 6 8 8 7 7 9 8 7 4 9 4																							
ANIMAL ID	0 0																							
	0 0																							
100 MG/KG	2 3																							
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 0																							
6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								
<b>* TOTALS</b>																								

Site Of Application - Dermis, Fibrosis 1 1.0  
 Site Of Application - Dermis, Inflammation 2 1.0  
 Site Of Application - Epidermis, Hyperplasia 1 1.0

**MUSCULOSKELETAL SYSTEM**

Bone + **50**

**NERVOUS SYSTEM**

Brain + **50**

**RESPIRATORY SYSTEM**

Lung + **50**

Infiltration Cellular 1 2.0  
 Inflammation 1 1.0  
 Alveolar Epithelium, Hyperplasia 1 2.0  
 Alveolus, Infiltration Cellular, Histiocyte 1 1.0  
 Arteriole, Inflammation 1 2.0

Nose + **50**

Inflammation 8 1.3  
 Glands, Respiratory Epithelium, Dilatation 1 1.0

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 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
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 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 90

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								
	0729	0778	0779	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	0789	
<b>B6C3F1 MICE FEMALE</b>	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
<b>100 MG/KG</b>	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
ANIMAL ID	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
	67	87	87	98	08	19	28	38	48	58	67	78	88	90	11	22	33	44	55	66	77	88	99	00	
	<b>* TOTALS</b>																								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
<b>SPECIAL SENSES SYSTEM</b>																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cornea, Inflammation																									2 3.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Epithelium, Hyperplasia																									7 1.4
<b>URINARY SYSTEM</b>																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infarct																									1 1.0
Infiltration Cellular, Mononuclear Cell																									1 2.0
Mineralization																									8 1.0
Nephropathy	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	37 1.1
Renal Tubule, Dilatation																									1 1.0
Renal Tubule, Pigmentation																									1 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Arteriole, Muscularis, Degeneration																									2 1 2.0

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 + .. Tissue examined microscopically  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 4 5 7 7 4 7 7 7 4 7 7																								
ANIMAL ID	2 2 2 2 2 5 2 2 0 2 2 2 2 2 1 7 2 2 7 2 2 2 8 2 2																								
	8 9 9 8 8 8 7 7 6 8 7 7 8 8 1 3 7 8 2 7 9 9 5 8 8																								
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>200 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females (cont...)

Regeneration																									
Tension Lipidosis		X																							X
Bile Duct, Cyst																									
Hepatocyte, Necrosis											3														
Hepatocyte, Vacuolization Cytoplasmic, Diffuse						1																			
Mesentery Inflammation		+			+	+					+				+										
Necrosis		3			3						3				3										
Pancreas Acinus, Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Inflammation														2			1								1
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach Epithelium, Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
		1										1	2				1	1			2	1			
Stomach, Glandular Epithelium, Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glands, Cyst					1																				
Tooth Inflammation											+														+
																									3

**CARDIOVASCULAR SYSTEM**

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 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 4 5 7 7 4 7 7 7 4 7 7																								
B6C3F1 MICE FEMALE 200 MG/KG	2 2 2 2 2 5 2 2 0 2 2 2 2 2 1 7 2 2 7 2 2 2 8 2 2																								
	8 9 9 8 8 8 7 7 6 8 7 7 8 8 1 3 7 8 2 7 9 9 5 8 8																								
ANIMAL ID	0 0																								
	0 0																								
	3 3																								
	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

females (cont...)

Blood Vessel	+ +																								
Heart	+ +																								
Artery, Inflammation																									
Atrium, Thrombosis	1																								
Myocardium, Cardiomyopathy	1																								
Myocardium, Infiltration Cellular, Mononuclear Cell	1																								
Myocardium, Mineralization	2																								
Myocardium, Vacuolization Cytoplasmic	1																								

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																								
Hyperplasia	1 1 1 1 1 1 1 2 1 2 1 1 2 1 2 2 1 1 1 1 1 1 1 1 1																								
Hypertrophy	2 2 2 2 2 1 3 1 2 2 3 3 2 2 2 2 3 2 3 3 2 2 2 2 3																								
Subcapsular, Hyperplasia																									
Adrenal Medulla	+ +																								
Hyperplasia	1																								
Islets, Pancreatic	+ +																								
Hyperplasia	1 1 2 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2																								
Parathyroid Gland	M + + + M + + + M + + + + M M + M + M M M + M + +																								
Pituitary Gland	+ +																								

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
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 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	4	7	7	7	7	7	7	7	7	4	5	7	7	4	7	7	7	4	7	7
	2	2	2	2	2	5	2	2	0	2	2	2	2	2	1	7	2	2	7	2	2	2	8	2	2
	8	9	9	8	8	8	7	7	6	8	7	7	8	8	1	3	7	8	2	7	9	9	5	8	8
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>200 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females (cont...)

Pars Distalis, Cyst																									
Pars Distalis, Hyperplasia				1		1		1	2			2	1			1	1	2		2	1	3		1	1
Pars Intermedia, Hyperplasia																	2								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Hyperplasia																									
Follicle, Cyst									3																
Follicular Cell, Hyperplasia																									

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation											2														
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst		2			3																2	3	1		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Hyperplasia, Cystic	3	3	3	1	4		4	3		1	4	3	3	3	2	2	2	3	1	3	2	3	1	3	3
Vagina							+																		

**HEMATOPOIETIC SYSTEM**

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 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

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 Lab: BAT

DAY ON TEST	0																																															
	7																																															
B6C3F1 MICE FEMALE 200 MG/KG	2																																															
	8																																															
ANIMAL ID	0																																															
	0																																															
ANIMAL ID	3																																															
	1																																															
																								2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	females (cont...)

Bone Marrow +  
 Angiectasis +  
 Myelofibrosis 3 2 2 1

Lymph Node +

Lymph Node, Mandibular +

Lymph Node, Mesenteric + + + + + + + + + M + + + + + + + + + + + + + + + + + +  
 Infiltration Cellular, Plasma Cell  
 Necrosis

Spleen +  
 Hematopoietic Cell Proliferation  
 Infiltration Cellular, Plasma Cell

Thymus +  
 Atrophy 2  
 Hyperplasia, Lymphoid

**INTEGUMENTARY SYSTEM**

Mammary Gland +

Skin +  
 Site Of Application - Dermis, Inflammation 2

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 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
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 Lab: BAT

DAY ON TEST	0 0																							
	7 7 7 7 7 4 7 7 7 7 7 7 7 7 4 5 7 7 4 7 7 7 4 7 7																							
B6C3F1 MICE FEMALE 200 MG/KG	2 2 2 2 2 5 2 2 0 2 2 2 2 2 1 7 2 2 7 2 2 2 8 2 2																							
	8 9 9 8 8 8 7 7 6 8 7 7 8 8 1 3 7 8 2 7 9 9 5 8 8																							
ANIMAL ID	0 0																							
	0 0																							
	3 3																							
	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2																							
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																							

females  
(cont...)

Site Of Application - Epidermis, Hyperplasia 1 2 1  
 Site Of Application - Epidermis, Ulcer 3

**MUSCULOSKELETAL SYSTEM**

Bone +

**NERVOUS SYSTEM**

Brain +

Spinal Cord Demyelination +  
2

**RESPIRATORY SYSTEM**

Lung Alveolar Epithelium, Hyperplasia +  
2

Nose Inflammation Polyp, Inflammatory Glands, Olfactory Epithelium, Dilatation Glands, Respiratory Epithelium, Dilatation Septum, Cyst +  
1 1 1

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 Page 97

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

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 Lab: BAT

	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	4	7	7	7	7	7	7	7	7	4	5	7	7	4	7	7	7	4	7	7	
	2	2	2	2	2	5	2	2	0	2	2	2	2	2	1	7	2	2	7	2	2	2	8	2	2	
	8	9	9	8	8	8	7	7	6	8	7	7	8	8	1	3	7	8	2	7	9	9	5	8	8	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>200 MG/KG</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females  
(cont...)

Pleura	+																								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**SPECIAL SENSES SYSTEM**

Eye Retina, Dysplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infarct	1												3												
Infiltration Cellular, Mononuclear Cell																									
Mineralization		1	1														1			1	1	1			
Nephropathy	1		1	1	1	1	1	1	1	1	1	1	1			1	1	1	3	1	1	1	1	1	1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Arteriole, Inflammation												2													

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 Lab: BAT

	DAY ON TEST																								
	0728	0778	0768	0778	0778	0767	0777	0777	0777	0777	0756	0776	0777	0777	0777	0767	0777	0777	0777	0777	0777	0767	0777	0778	
<b>B6C3F1 MICE FEMALE</b>	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
<b>200 MG/KG</b>	32	37	38	38	38	37	37	38	37	34	35	38	37	38	37	37	37	39	37	31	37	36	37	38	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Esophagus Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Intestine Small, Ileum Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	1.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Angiectasis											3				1											2	2.0
Basophilic Focus	X																									2	
Eosinophilic Focus		X		X		X			X							X		X	X				X			11	
Inflammation								1			1				1		1	1	1	1	1	1	1	1		15	1.0
Mitotic Alteration											1															1	1.0
Pigmentation, Hemosiderin																		1								1	1.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	6	7	7	6	7	7	7	5	6	7	7	7	7	6	7	7	7	7	7	6	7	7		
	2	2	3	2	2	5	2	2	2	8	4	2	2	2	2	5	2	2	2	2	0	2	0	2	2	
	8	7	8	8	8	7	7	8	7	4	5	8	7	8	7	7	7	7	9	7	1	7	6	7	8	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>200 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>
Regeneration																									2	<b>1 2.0</b>
Tension Lipidosis					X																				X	<b>5</b>
Bile Duct, Cyst						3																				<b>1 3.0</b>
Hepatocyte, Necrosis																									1	<b>2 2.0</b>
Hepatocyte, Vacuolization Cytoplasmic, Diffuse							2			2						1					1					<b>5 1.4</b>
Mesentery																										
Inflammation																										
Necrosis																										
																										<b>11</b>
																										<b>2 2.0</b>
																										<b>8 3.0</b>
Pancreas																										
Acinus, Hyperplasia																										
Duct, Inflammation																										
																										<b>50</b>
																										<b>7 1.4</b>
																										<b>1 1.0</b>
Salivary Glands																										
																										<b>50</b>
Stomach, Forestomach																										
Epithelium, Hyperplasia																										
																										<b>50</b>
																										<b>13 1.3</b>
Stomach, Glandular																										
Epithelium, Hyperplasia																										
Glands, Cyst																										
																										<b>50</b>
																										<b>1 1.0</b>
																										<b>1 1.0</b>
Tooth																										<b>2</b>
Inflammation																										<b>1 3.0</b>

**CARDIOVASCULAR SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
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 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7 6 7 7 6 7 7 7 5 6 7 7 7 6 7 7 7 7 7 7 6 7 7																								
ANIMAL ID	2 2 3 2 2 5 2 2 2 8 4 2 2 2 2 5 2 2 2 2 0 2 0 2 2																								
	8 7 8 8 8 7 7 8 7 4 5 8 7 8 7 7 7 7 9 7 1 7 6 7 8																								
<b>B6C3F1 MICE FEMALE</b>	0 0																								
<b>200 MG/KG</b>	0 0																								
	3 3																								
	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4																								
	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								

Pars Distalis, Cyst	1																								1	1.0
Pars Distalis, Hyperplasia	2 1 1 1 2 3																								2	1.7
Pars Intermedia, Hyperplasia	2 2 3																								4	2.0
Thyroid Gland	+ +																								50	
C-cell, Hyperplasia	1																								1	1.0
Follicle, Cyst																									1	3.0
Follicular Cell, Hyperplasia	2																								1	2.0

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland Inflammation	+ M + + + +																								49	2.0
Ovary Cyst	+ +																								50	2.1
Uterus Endometrium, Hyperplasia, Cystic	3 2 3 2 4 4 3 3 3 1 1 4 3 2 3 2 4 2 2 2 2 4 1 3 3																								48	2.6
Vagina																									1	

**HEMATOPOIETIC SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7 6 7 7 6 7 7 7 5 6 7 7 7 6 7 7 7 7 6 7 7 6 7 7																								
ANIMAL ID	2 2 3 2 2 5 2 2 2 8 4 2 2 2 5 2 2 2 2 0 2 0 2 2																								
	8 7 8 8 8 7 7 8 7 4 5 8 7 8 7 7 7 9 7 1 7 6 7 8																								
<b>B6C3F1 MICE FEMALE</b>	0 0																								
<b>200 MG/KG</b>	0 0																								
	3 3																								
	2 2 2 2 3																								
	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 4 4 4 4 5 0																								

Bone Marrow	+ +																								50
Angiectasis																									1 2.0
Myelofibrosis	2																								8 2.0
Lymph Node																									3
Lymph Node, Mandibular	+ +																								50
Lymph Node, Mesenteric	+ +																								49
Infiltration Cellular, Plasma Cell																									1 3.0
Necrosis	3																								1 3.0
Spleen	+ +																								50
Hematopoietic Cell Proliferation																									3 2.7
Infiltration Cellular, Plasma Cell	2 2																								2 2.0
Thymus	+ +																								50
Atrophy																									1 2.0
Hyperplasia, Lymphoid	2																								1 2.0

**INTEGUMENTARY SYSTEM**

Mammary Gland	+ +																								50
Skin	+ +																								50
Site Of Application - Dermis, Inflammation																									1 2.0

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 6 7 7 6 7 7 7 7 6 7 7 6 7 7 7 7 6 6 7 7 7 7																								
B6C3F1 MICE FEMALE 400 MG/KG	2 2 2 5 2 2 1 2 2 2 1 5 2 2 9 0 2 2 2 2 7 5 2 2 2																								
	8 8 8 9 7 9 5 7 7 7 3 7 7 8 6 9 8 9 1 7 1 0 7 7 9																								
ANIMAL ID	0 0																								
	0 0																								
females (cont...)	3 3																								
	5 5																								
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																									

**ALIMENTARY SYSTEM**

Esophagus	+ +																								
Gallbladder Epithelium, Cyst	+ 2																								
Intestine Large, Cecum	+ +																								
Intestine Large, Colon	+ +																								
Intestine Large, Rectum	+ +																								
Intestine Small, Duodenum	+ +																								
Intestine Small, Ileum	+ +																								
Intestine Small, Jejunum Epithelium, Hyperplasia Peyer's Patch, Hyperplasia	+ 2																								
Liver Angiectasis	+ 2																								
Liver Clear Cell Focus	X																								
Liver Eosinophilic Focus	X																								
Liver Hematopoietic Cell Proliferation	1																								
Liver Inflammation	1 1																								

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 6 7 7 6 7 7 7 7 6 7 7 6 7 7 7 7 6 6 7 7 7 7																								
ANIMAL ID	2 2 2 5 2 2 1 2 2 2 1 5 2 2 9 0 2 2 2 2 7 5 2 2 2																								
	8 8 8 9 7 9 5 7 7 7 3 7 7 8 6 9 8 9 1 7 1 0 7 7 9																								
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>400 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females (cont...)

Mixed Cell Focus																									X
Pigmentation, Hemosiderin							1																		
Tension Lipidosis	X		X	X								X													
Bile Duct, Cyst																3									
Hepatocyte, Hypertrophy																				2					
Hepatocyte, Necrosis									2											3					
Hepatocyte, Vacuolization Cytoplasmic, Diffuse					2							3										1			
Serosa, Fibrosis											2														
Mesentery	+		+		+		+		+																+
Inflammation							2		1																
Necrosis			3		3		3		3																3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																									
Acinus, Hyperplasia			1			2				1					2										
Arteriole, Inflammation																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	1							1				1													
Stomach, Glandular Epithelium, Cyst Glands, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1
Tooth																									+

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
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 Lab: BAT

DAY ON TEST	0 0																							
	7 7 7 6 7 7 6 7 7 7 7 6 7 7 6 7 7 7 7 6 6 7 7 7																							
ANIMAL ID	2 2 2 5 2 2 1 2 2 2 1 5 2 2 9 0 2 2 2 2 7 5 2 2																							
	8 8 8 9 7 9 5 7 7 7 3 7 7 8 6 9 8 9 1 7 1 0 7 7 9																							
<b>B6C3F1 MICE FEMALE</b> <b>400 MG/KG</b>	0 0																							
	0 0																							
	3 3																							
	5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7																							
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																							

females  
(cont...)

Dysplasia X X  
 Gingiva, Hyperplasia  
 Peridontal Tissue, Fibrosis 3  
 Peridontal Tissue, Inflammation

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																							
Heart	+ +																							
Artery, Inflammation																								
Atrium, Thrombosis																								
Epicardium, Inflammation	3																							
Myocardium, Cardiomyopathy	1 1 1 2 1 1 1 1 1 1 1																							
Myocardium, Fibrosis	1 1																							
Myocardium, Infiltration Cellular, Mononuclear Cell	1 1 1 2 1 1 1 1 1 1 1																							
Myocardium, Mineralization	1 1																							
Myocardium, Vacuolization Cytoplasmic	1 1 1 1 2 1 1 1 1																							

**ENDOCRINE SYSTEM**

Adrenal Cortex	+ +																							
Angiectasis	2																							
Hyperplasia	1 1 1 1 1 1																							
Hypertrophy	2 2 1 2 1 1 2 1 1 1 1 1 1 1 2 1 2 2 1																							
Subcapsular, Hyperplasia	2 2 2 2 1 3 3 3 2 2 2 2 3 2 2 3 2 3 2 2 2 2 3																							

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 1) Minimal 3) Moderate  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008

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First Dose M/F: 10/03/02 / 10/02/02

Lab: BAT

	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	6	7	7	6	7	7	7	7	6	7	7	6	7	7	7	7	6	6	7	7	7		
	2	2	2	5	2	2	1	2	2	2	1	5	2	2	9	0	2	2	2	2	7	5	2	2		
	8	8	8	9	7	9	5	7	7	7	3	7	7	8	6	9	8	9	1	7	1	0	7	7	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>B6C3F1 MICE FEMALE</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
<b>400 MG/KG</b>	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	<b>females (cont...)</b>

Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	M	M	+	+	M	+	M	+	+
Pituitary Gland Pars Distalis, Cyst Pars Distalis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Follicle, Cyst Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary Cyst Hemorrhage Thrombosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 6 7 7 6 7 7 7 7 6 7 7 6 7 7 7 7 6 6 7 7 7 7																								
B6C3F1 MICE FEMALE 400 MG/KG	2 2 2 5 2 2 1 2 2 2 1 5 2 2 9 0 2 2 2 2 7 5 2 2 2																								
	8 8 8 9 7 9 5 7 7 7 3 7 7 8 6 9 8 9 1 7 1 0 7 7 9																								
ANIMAL ID	0 0																								
	0 0																								
females (cont...)	3 3																								
	5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																									

Interstitial Cell, Hyperplasia																									
Uterus	+ +																								
Hemorrhage																									
Endometrium, Hyperplasia, Cystic	3 3 4 2 3 2 2 4 4 2 1 4 4 3 3 3 4 2 1 2 2 1 1 3 3																								
Myometrium, Cyst																									

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+ +																								
Myelofibrosis	2 1 1 1																								
Lymph Node	+ +																								
Lymph Node, Mandibular	+ + + M +																								
Infiltration Cellular, Plasma Cell																									
Lymph Node, Mesenteric	+ +																								
Spleen	+ +																								
Hematopoietic Cell Proliferation	2																								
Hyperplasia, Lymphoid	3																								
Thymus	+ +																								
Hyperplasia, Lymphoid	4																								

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 110

TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 6 7 7 6 7 7 7 7 6 7 7 6 7 7 7 7 6 6 7 7 7 7																								
B6C3F1 MICE FEMALE 400 MG/KG	2 2 2 5 2 2 1 2 2 2 1 5 2 2 9 0 2 2 2 2 7 5 2 2 2																								
	8 8 8 9 7 9 5 7 7 7 3 7 7 8 6 9 8 9 1 7 1 0 7 7 9																								
ANIMAL ID	0 0																								
	0 0																								
females (cont...)	3 3																								
	5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7																								
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																									

**INTEGUMENTARY SYSTEM**

Mammary Gland	+ +																								
Skin	+ +																								
Site Of Application - Dermis, Fibrosis	1																								
Site Of Application - Dermis, Inflammation	1																								
Site Of Application - Epidermis, Hyperplasia	1																								
	1																								

**MUSCULOSKELETAL SYSTEM**

Bone	+ +																								
------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**NERVOUS SYSTEM**

Brain	+ +																								
-------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**RESPIRATORY SYSTEM**

Lung	+ +																								
Inflammation	3																								
Alveolar Epithelium, Hyperplasia	1 1 1																								
Alveolus, Infiltration Cellular, Histiocyte Serosa, Hyperplasia	2 3																								

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
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 M .. Missing tissue  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
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 Lab: BAT

DAY ON TEST	0 0																								
	7 7 7 6 7 7 6 7 7 7 7 6 7 7 6 7 7 7 7 6 6 7 7 7 7																								
B6C3F1 MICE FEMALE 400 MG/KG	2 2 2 5 2 2 1 2 2 2 1 5 2 2 9 0 2 2 2 2 7 5 2 2 2																								
	8 8 8 9 7 9 5 7 7 7 3 7 7 8 6 9 8 9 1 7 1 0 7 7 9																								
ANIMAL ID	0 0																								
	0 0																								
	3 3																								
	5 5																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

females  
(cont...)

Nose	+ +																								
Inflammation	1 1 1 1 3 1																								
Respiratory Epithelium, Hyperplasia	2 2																								

Trachea	+ +																								
---------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**SPECIAL SENSES SYSTEM**

Eye	+ +																								
Retina, Dysplasia																									
Harderian Gland	+ +																								
Epithelium, Hyperplasia	2 1																								

**URINARY SYSTEM**

Kidney	+ +																								
Infarct	2																								
Infiltration Cellular, Mononuclear Cell																									
Mineralization	1 1 1 1 1 1 1 1 1 2 1 1 1 2 1 3																								
Nephropathy	1 1 3 1 1 1 1 1 1 2 1 1 1 2 1 3 1 1 1																								
Urinary Bladder	+ +																								
Amyloid Deposition	2																								
Hyperplasia, Lymphoid																									
Inflammation	1																								

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 + .. Tissue examined microscopically  
 x .. Lesion present  
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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

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 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	6	7	7	6	7	7	7	7	6	7	7	6	7	7	7	7	6	6	7	7	7	
	2	2	2	5	2	2	1	2	2	2	1	5	2	2	9	0	2	2	2	2	7	5	2	2	
	8	8	8	9	7	9	5	7	7	7	3	7	7	8	6	9	8	9	1	7	1	0	7	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>400 MG/KG</b>	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females  
(cont...)

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

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 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																								* TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	7	6	7
	2	2	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	5	2	8	2
	8	7	9	9	9	8	7	9	9	8	8	8	7	8	7	7	9	7	1	7	9	4	7	9	9
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>400 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder Epithelium, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																									1 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Peyer's Patch, Hyperplasia																									1 2.0
																									1 3.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Angiectasis				2																					2 2.0
Clear Cell Focus				X										X					X						5
Eosinophilic Focus		X		X		X				X		X				X	X		X						12
Hematopoietic Cell Proliferation																									1 1.0
Inflammation												1	1												10 1.0

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TDMS No. 99028 - 06  
 Test Type: CHRONIC  
 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 15:09:46  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	7	6	7		
	2	2	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	5	2	8	2		
	8	7	9	9	9	8	7	9	9	8	8	8	7	8	7	7	9	7	1	7	9	4	7	9	9	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>400 MG/KG</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4		
	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>
Mixed Cell Focus																									1	
Pigmentation, Hemosiderin																									1	1.0
Tension Lipidosis		X			X	X	X																		8	
Bile Duct, Cyst																									1	3.0
Hepatocyte, Hypertrophy																									1	2.0
Hepatocyte, Necrosis																					2				3	2.3
Hepatocyte, Vacuolization Cytoplasmic, Diffuse																									3	2.0
Serosa, Fibrosis																									1	2.0
Mesentery																										
Inflammation																									10	
Necrosis																									2	1.5
																									7	3.0
Pancreas																										
Basophilic Focus																									50	
Acinus, Hyperplasia																									2	1.0
Arteriole, Inflammation																									9	1.3
																									1	1.0
Salivary Glands																										
Stomach, Forestomach																										
Epithelium, Hyperplasia																									50	
																									5	1.0
Stomach, Glandular																										
Epithelium, Cyst																									1	1.0
Glands, Cyst																									3	1.0
Tooth																										
																									3	

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TDMS No. 99028 - 06  
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 Route: SKIN APPLICATION  
 Species/Strain: MICE/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

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 Lab: BAT

	DAY ON TEST																								* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>400 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4		
	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia				2					1															2 1.5		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia	2						1		2			1			2		2					1	2	1	21 1.4	
Parathyroid Gland	+	M	+	+	+	M	+	+	+	+	+	+	+	+	M	+	M	+	+	+	M	+	+	M	+	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst			1												1										3 1.0	
Pars Distalis, Hyperplasia	1	3	2	1	1	1	2	1		3			1	1						1		2			27 1.8	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicle, Cyst										2															1 2.0	
Follicular Cell, Hyperplasia										1															1 1.0	

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst						3		3		1	2		2							2				4	15 2.3
Hemorrhage						3																		2	3 2.7
Thrombosis																								3	1 3.0

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 Lab: BAT

DAY ON TEST	0 0																							
	7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 5 7 6 7																							
B6C3F1 MICE FEMALE 400 MG/KG	2 2 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 0 2 2 5 2 8 2																							
	8 7 9 9 9 8 7 9 9 8 8 8 7 8 7 7 9 7 1 7 9 4 7 9 9																							
ANIMAL ID	0 0																							
	0 0																							
* TOTALS	3 4																							
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 0																							
6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								

**INTEGUMENTARY SYSTEM**

Mammary Gland	+ +																								50	
Skin	+ +																								50	
Site Of Application - Dermis, Fibrosis																									1	2 1.0
Site Of Application - Dermis, Inflammation																										1 1.0
Site Of Application - Epidermis, Hyperplasia																									1	3 1.0

**MUSCULOSKELETAL SYSTEM**

Bone	+ +																								50
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**NERVOUS SYSTEM**

Brain	+ +																								50
-------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

**RESPIRATORY SYSTEM**

Lung	+ +																								50	
Inflammation																										1 3.0
Alveolar Epithelium, Hyperplasia																									1	4 1.0
Alveolus, Infiltration Cellular, Histiocyte																									2	2 2.5
Serosa, Hyperplasia																										1 2.0

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
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DAY ON TEST	0 0																								* TOTALS
	7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 5 7 6 7																								
B6C3F1 MICE FEMALE 400 MG/KG	2 2 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 0 2 2 5 2 8 2																								* TOTALS
	8 7 9 9 9 8 7 9 9 8 8 8 7 8 7 7 9 7 1 7 9 4 7 9 9																								
ANIMAL ID	0 0																								* TOTALS
	0 0																								
ANIMAL ID	3 4																								* TOTALS
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 0																								
ANIMAL ID	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																								* TOTALS

Nose  
 Inflammation  
 Respiratory Epithelium, Hyperplasia  
 + 50  
 6 1.3  
 2 2.0

Trachea  
 + 50

**SPECIAL SENSES SYSTEM**

Eye  
 Retina, Dysplasia  
 + 50  
 1 1.0

Harderian Gland  
 Epithelium, Hyperplasia  
 + 50  
 2 2 4 1.8

**URINARY SYSTEM**

Kidney  
 Infarct  
 Infiltration Cellular, Mononuclear Cell  
 Mineralization  
 Nephropathy  
 + 50  
 2 2 3 2.0  
 2 1 2.0  
 1 1 9 1.0  
 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 38 1.2

Urinary Bladder  
 Amyloid Deposition  
 Hyperplasia, Lymphoid  
 Inflammation  
 + 50  
 2 1 2.0  
 1 2.0  
 1 1.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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 Page 120



