

Experiment Number: 99028-04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 00:14:27
First Dose M/F: NA / NA
Lab: BAT

C Number:	C99028
Lock Date:	10/07/2002
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:27
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 0 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	1	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Mixed Cell				1								1 1.0
Infiltration Cellular, Mononuclear Cl					1	1		1				3 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Acute						1						1 1.0

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart	+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy										2		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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:27
 First Dose M/F: NA / NA
 Lab: BAT

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

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10		
Accessory Adrenal Cortical Nodule											1	1	1.0
Subcapsular, Hyperplasia			1	1		1	1					4	1.0
Vacuolization Cytoplasmic, Focal										1		1	1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10		

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Lymphocyte				1								1	1.0
Prostate	+	+	+	+	+	+	+	+	+	+	10		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10		
Testes	+	+	+	+	+	+	+	+	+	+	10		

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10		
-------------	---	---	---	---	---	---	---	---	---	---	----	--	--

* ..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

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/22/2014

Time Report Requested: 00:14:27

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Male
0 MG/KG

[illegible]

* ..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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:27
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 0 MG/KG	DAY ON TEST	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
			0	0	0	0	0	0	0	0	0	0	
			9	9	9	9	9	9	9	9	9	9	
			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	0	0	0	0	0	
			0	0	0	0	0	0	0	0	0	1	
			1	2	3	4	5	6	7	8	9	0	
Special Senses System													
Eye			+	+	+	+	+	+	+	+	+	+	10
Harderian Gland			+	+	+	+	+	+	+	+	+	+	10
Urinary System													
Kidney			+	+	+	+	+	+	+	+	+	+	10
Cortex, Vacuolization Cytoplasmic			2	2	2	2	2	2	2	2	2	2	10 2.0
Mineralization										1			1 1.0
Nephropathy			1							1			2 1.0
Urinary Bladder			+	+	+	+	+	+	+	+	+	+	10

* ..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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:27
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 50 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Mixed Cell					1			1			2	1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10	
-------	---	---	---	---	---	---	---	---	---	---	----	--

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous 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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:27
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 50 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

NONE
 Respiratory System

NONE
 Special Senses System

NONE
 Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2	10	2.0
Nephropathy							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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:27
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		2	2	2	2	2	2	2	2	2	3	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular, Mixed Cell						1					1 1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous 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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		2	2	2	2	2	2	2	2	2	3	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

NONE
Respiratory System
 NONE
Special Senses System
 NONE
Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2	10	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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 200 MG/KG	DAY ON TEST	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	
			9	9	9	9	9	9	9	9	9	9	9	9	9	
			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	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	4		
			1	2	3	4	5	6	7	8	9	0				

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed Cell			1				1		1	1		4	1.0	
Necrosis, Focal											1	1	1.0	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	10		
-------	---	---	---	---	---	---	---	---	---	---	---	----	--	--

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

* ..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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 200 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		3	3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2	10	2.0
Nephropathy						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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 400 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		4	4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Mineralization 1 1 1.0

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous 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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 400 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		4	4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

NONE
Respiratory System
 NONE
Special Senses System
 NONE
Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2	10	2.0
Nephropathy			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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

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

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Mixed Cell		1	1			1				1	4	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart	+	+	+	+	+	+	+	+	+	+	10	

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Accessory Adrenal Cortical Nodule					1	1					2	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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 600 MG/KG	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
	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	0	0	0	0	0		
	5	5	5	5	5	5	5	5	5	5		
	1	2	3	4	5	6	7	8	9	0		
	*TOTALS											
Subcapsular, Hyperplasia	1	1			1	1			1	1	6	1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	9	
Cyst										1	1	1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
General Body System												
NONE												
Genital System												
Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10	
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Testes	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	1	10	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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

	DAY ON TEST										
	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Male 600 MG/KG	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
ANIMAL ID	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	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
	*TOTALS										
Thymus	+	+	+	+	+	+	+	+	+	+	10
Cyst				1			1		1		3 1.0
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
SOA Dermis, Inflammation, Chronic					1		1				2 1.0
SOA Epidermis, Hyperplasia		1		1	1	1	1	1	1	1	8 1.0
Musculoskeletal System											
Bone	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Respiratory System											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Urinary 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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 600 MG/KG	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
	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	0	0	0	0	0		
	5	5	5	5	5	5	5	5	5	5		
	1	2	3	4	5	6	7	8	9	0		
	*TOTALS											
Kidney	+	+	+	+	+	+	+	+	+	+		10
Casts Protein, Focal	1											1 1.0
Cortex, Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	2	2		10 2.0
Mineralization								1		1		2 1.0
Nephropathy			1	1				1				3 1.0
Pelvis, Dilatation						2						1 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+		10
END OF MALE DATA												

* ..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

Experiment Number: 99028-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/22/2014

Time Report Requested: 00:14:28

First Dose M/F: NA / NA

Lab: BAT

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

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Infiltration Cellular, Mixed Cell		1	1	1	1	2		1	1	1	8	1.1
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10	
Heart	+	+	+	+	+	+	+	+	+	+	10	

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Accessory Adrenal Cortical Nodule				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

Experiment Number: 99028-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/22/2014

Time Report Requested: 00:14:28

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse Female 0 MG/KG	DAY ON TEST										ANIMAL ID			
	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0				
	9	9	9	9	9	9	9	9	9	9				
	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	0	0	0	0	0				
	6	6	6	6	6	6	6	6	6	7				
	1	2	3	4	5	6	7	8	9	0				
Subcapsular, Hyperplasia	1	1	1	1	1	1	1	1	2	1		10	1.1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+		10		
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		10		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+		10		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+		10		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+		10		
General Body System														
NONE														
Genital System														
Clitoral Gland	+	+	+	+	+	+	+	+	+	+		10		
Ovary	+	+	+	+	+	+	+	+	+	+		10		
Uterus	+	+	+	+	+	+	+	+	+	+		10		
Hematopoietic System														
Bone Marrow	+	+	+	+	+	+	+	+	+	+		10		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+		10		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+		10		
Spleen	+	+	+	+	+	+	+	+	+	+		10		
Hematopoietic Cell Proliferation	1	1	2	1	1	1	2	1	1	2		10	1.3	
Thymus	+	+	+	+	+	+	+	+	+	+		10		
Integumentary System														
Mammary Gland	+	+	+	+	+	+	+	+	+	+		10		

* ..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

Experiment Number: 99028-04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
Time Report Requested: 00:14:28
First Dose M/F: NA / NA
Lab: BAT

B6C3F1 Mouse Female 0 MG/KG	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
	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	0	0	0	0	0		
	6	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0		
	*TOTALS											
Mammary Gland	+	+	+	+	+	+	+	+	+	+		10
Skin	+	+	+	+	+	+	+	+	+	+		10
SOA Dermis, Inflammation, Chronic				1	1		1			1		4 1.0
SOA Epidermis, Hyperplasia	1	1		1	1		1	1	1	1		8 1.0
Musculoskeletal System												
Bone	+	+	+	+	+	+	+	+	+	+		10
Nervous System												
Brain	+	+	+	+	+	+	+	+	+	+		10
Respiratory System												
Lung	+	+	+	+	+	+	+	+	+	+		10
Interstitial, Infiltration Cellular, Mononuclear							1					1 1.0
Cl, Focal												
Nose	+	+	+	+	+	+	+	+	+	+		10
Trachea	+	+	+	+	+	+	+	+	+	+		10
Special Senses System												
Eye	+	+	+	+	+	+	+	+	+	+		10
Harderian Gland	+	+	+	+	+	+	+	+	+	+		10
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+		10
Casts Protein, Focal									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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 0 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		6	6	6	6	6	6	6	6	6	7	
		1	2	3	4	5	6	7	8	9	0	
												*TOTALS
Urinary Bladder												10

* ..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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 50 MG/KG		DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
		0	0	0	0	0	0	0	0	0	0	0		
		9	9	9	9	9	9	9	9	9	9	9		
		3	3	3	3	3	3	3	3	3	3	3		
		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		
		7	7	7	7	7	7	7	7	7	7	8		
		1	2	3	4	5	6	7	8	9	0			

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed Cell			1	1			1		1	1	1	6	1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10		
-------	---	---	---	---	---	---	---	---	---	---	----	--	--

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+		+	+	+	9		
Hematopoietic Cell Proliferation	2	2	2	1	2	2		1	1	2	9	1.7	
Thymus	+	+	+	+	+	+	+	+	+	+	10		

Integumentary System

NONE

* ..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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 50 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	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	
		7	7	7	7	7	7	7	7	7	8	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Casts Protein, Focal				1				1			2	1.0
Nephropathy					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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:28
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	
			9	9	9	9	9	9	9	9	9	9	9	9	9	
			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	0	
			0	0	0	0	0	0	0	0	0	0	0	0	0	
			8	8	8	8	8	8	8	8	8	8	8	8	9	
			1	2	3	4	5	6	7	8	9	0				

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed Cell	1	1	1		1	1						5	1.0	
Necrosis, Focal			1									1	1.0	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	10		
-------	---	---	---	---	---	---	---	---	---	---	---	----	--	--

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+			+	9		
Hematopoietic Cell Proliferation	2	2	1	1	1	1	1	1			1	9	1.2	
Thymus	+	+	+	+	+	+	+	+	+	+	+	10		

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

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 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	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
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	
		8	8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	0	*TOTALS

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Casts Protein, Focal	1		1	1							3	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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 200 MG/KG	DAY ON TEST	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	
			9	9	9	9	9	9	9	9	9	9	9	9	9	
			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	0	
			0	0	0	0	0	0	0	0	0	0	0	0	1	
			9	9	9	9	9	9	9	9	9	9	9	9	0	
			1	2	3	4	5	6	7	8	9	9	9	0	0	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed Cell			1		1	1		1	1		1	6	1.0	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	10		
-------	---	---	---	---	---	---	---	---	---	---	---	----	--	--

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	10		
Necrosis, Lymphoid							1					1	1.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+				+	+	8		
Hematopoietic Cell Proliferation	2	1	2	2	1	2				2	1	8	1.6	
Thymus	+	+	+	+	+	+	+	+	+	+	+	10		

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

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 200 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
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	1	
		9	9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	0	
												*TOTALS

NONE
 Musculoskeletal System

NONE
 Nervous System

NONE
 Respiratory System

NONE
 Special Senses System

NONE
 Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Casts Protein, Focal										1	1	1.0
Nephropathy			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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 Lab: BAT

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

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	10		
Infiltration Cellular, Mixed Cell	1						1		1			3	1.0	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	10		
Myocardium, Vacuolization Cytoplasmic				1	1		1	1				4	1.0	

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	10		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+			+	+	+	+		+	+		7		
Hematopoietic Cell Proliferation	1			2	1	1	2		3	2		7	1.7	
Thymus	+	+	+	+	+	+	+	+	+	+	+	10		

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

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 400 MG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	3	3	3	3	
	ANIMAL ID	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	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	*TOTALS
NONE												
Musculoskeletal System												
NONE												
Nervous System												
NONE												
Respiratory System												
NONE												
Special Senses System												
NONE												
Urinary System												
Kidney												
		+	+	+	+	+	+	+	+	+	+	10

* ..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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 600 MG/KG	DAY ON TEST	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	
			5	9	9	9	9	9	9	3	7	9	9	9	9	
			0	3	3	3	3	3	3	9	4	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	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	2	
			1	2	3	4	5	6	7	8	9	0	0	0	0	

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Accessory Adrenal Cortical Nodule															1	1.0
Subcapsular, Hyperplasia	1	2	1	1	1	1	1	1	1	1	1	1	1	1	10	1.1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	9
Cyst	1		1													2 1.0
Infiltration Cellular, Mononuclear CI			1													1 1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Cyst															1	1 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

* ..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

Experiment Number: 99028-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Requested: 10/22/2014

Time Report Requested: 00:14:29

First Dose M/F: NA / NA

Lab: BAT

	DAY ON TEST										
	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Female 600 MG/KG	0	0	0	0	0	0	0	0	0	0	
	5	9	9	9	9	9	3	7	9	9	
ANIMAL ID	0	3	3	3	3	3	9	4	3	3	
	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	2	
	1	2	3	4	5	6	7	8	9	0	*TOTALS
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Necrosis, Lymphoid	2	1					2	1		1	5 1.4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Necrosis, Lymphoid	2						2	1			3 1.7
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	2	10 1.1
Necrosis, Lymphoid	2						2	1			3 1.7
Thymus	+	+	+	+	+	+	+	+	+	+	10
Necrosis, Lymphoid	3	2					3	3			4 2.8
Integumentary System											
Mammary Gland	+	+	+	+	+	+	M	+	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10
SOA Dermis, Inflammation, Chronic	1	1	1		1	1	1	1	1	1	9 1.0
SOA Epidermis, Hyperplasia	1	1		1	1	1	1	1	1	1	9 1.0
Musculoskeletal System											
Bone	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Respiratory System											
Lung	+	+	+	+	+	+	+	+	+	+	10
Congestion, Acute	2							2			2 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

Experiment Number: 99028-04
 Test Type: 90-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/22/2014
 Time Report Requested: 00:14:29
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 600 MG/KG	DAY ON TEST										ANIMAL ID	
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	5	9	9	9	9	9	3	7	9	9		
	0	3	3	3	3	3	9	4	3	3		
	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	2		
	1	2	3	4	5	6	7	8	9	0		*TOTALS
Nose	+	+	+	+	+	+	+	+	+	+		10
Olfactory Epi, Cyst				X								1
Trachea	+	+	+	+	+	+	+	+	+	+		10
Special Senses System												
Eye	+	+	+	+	+	+	+	+	+	+		10
Harderian Gland	+	+	+	+	+	+	+	+	+	+		10
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+		10
Casts Protein			1									1 1.0
Casts Protein, Focal					1							1 1.0
Mineralization					1			1				2 1.0
Nephropathy										1		1 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+		10
** END OF REPORT **												

* ..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