

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

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

bis(2-Chloroethoxy)methane

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

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

**Time Report Requested:** 11:52:50

**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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## HISTORICAL CONTROL STUDIES From October 2007 Report

### SAME ROUTE

97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)  
93020-08 -- Diisopropylcarbodiimide (SKIN ETHANOL)

### ALL ROUTES

88138-04 -- Benzophenone (ORAL FEED)  
99027-04 -- Chromium picolinate monohydrate (ORAL FEED)  
05174-06 -- Cresols (ORAL FEED)  
96011-06 -- Cumene (INHALATION AIR)  
97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)  
93020-08 -- Diisopropylcarbodiimide (SKIN ETHANOL)  
88004-06 -- Divinylbenzene (INHALATION AIR)  
88123-07 -- Formamide (GAVAGE WATER)  
95011-06 -- 5-(Hydroxymethyl)-2-furfural (GAVAGE WATER)  
88105-04 -- Isoeugenol (GAVAGE CORN OIL)  
97006-02 -- Methyl isobutyl ketone (INHALATION AIR)  
91005-08 -- Methylene blue trihydrate (GAVAGE METHYLCELLULOSE)  
92012-06 -- 2-Methylimidazole (ORAL FEED)  
92013-06 -- 4-Methylimidazole (ORAL FEED)  
88006-04 -- alpha-Methylstyrene (INHALATION AIR)  
99023-04 -- beta-Myrcene (GAVAGE CORN OIL)  
97008-06 -- Propargyl alcohol (INHALATION AIR)  
20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)  
96001-06 -- Stoddard solvent (type IIC) (INHALATION AIR)  
05109-14 -- Triethanolamine (SKIN ACETONE)  
96019-06 -- Water disinfection byproducts (Bromochloroacetic acid) (ORAL WATER)  
96018-04 -- Water disinfection byproducts (Bromodichloromethane) (ORAL WATER)  
96017-06 -- Water disinfection byproducts (Dibromoacetic acid) (ORAL WATER)

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**HISTORICAL CONTROL STUDIES**  
**From October 2007 Report**

96015-06 -- Water disinfection byproducts (Dibromoacetonitrile) (ORAL WATER)  
96010-04 -- Water disinfection byproducts (Sodium chlorate) (ORAL WATER)

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.  
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex  
Adrenal Medulla  
Bone Marrow  
Clitoral/Preputial Gland  
Heart  
Islets, Pancreatic  
Kidney  
Liver  
Lung  
Ovary  
Pancreas  
Pituitary Gland  
Prostate  
Salivary Glands  
Spleen  
Testes  
Thymus  
Thyroid Gland  
Urinary Bladder

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF bis(2-Chloroethoxy)methane

### MALE MICE

#### Organ

Adrenal Cortex  
Liver

Lung  
Thyroid Gland: Follicular Cell  
All Organs

#### Morphology

Adenoma  
Hepatocellular Adenoma  
Hepatocellular Carcinoma or Hepatocellular Adenoma  
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma  
Alveolar/Bronchiolar Adenoma  
Adenoma  
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type  
Benign Tumors  
Malignant Tumors  
Malignant and Benign Tumors

### FEMALE MICE

#### Organ

Harderian Gland

Liver  
Lung

Mammary Gland  
Mesentery  
Pituitary Gland: Pars Distalis or Unspecified Site  
Skin

Spleen  
Uterus  
All Organs

#### Morphology

Carcinoma  
Carcinoma or Adenoma  
Hemangiosarcoma  
Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Carcinoma  
Carcinoma  
Fibrous Histiocytoma  
Adenoma  
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma  
Histiocytoma  
Fibrosarcoma  
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma  
Hemangiosarcoma  
Adenoma  
Hemangiosarcoma  
Histiocytic Sarcoma  
Benign Tumors

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**Species/Strain:** MICE/B6C3F1

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bis(2-Chloroethoxy)methane  
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**Lab:** BAT

**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF bis(2-Chloroethoxy)methane**

Malignant Tumors  
Malignant and Benign Tumors

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

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Adrenal Cortex  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	6/49 (12%)	0/50 (0%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	6/42.66	0/45.41	3/46.06	6/34.73
POLY-3 PERCENT (g)	14.1%	0%	6.5%	17.3%
TERMINAL (d)	5/36 (14%)	0/39 (0%)	3/42 (7%)	6/27 (22%)
FIRST INCIDENCE	533	---	728 (T)	728 (T)
HC TUMORS SAME RTE	11/100 (11%)			
HC TUMORS ALL RTES	74/1142 (7%)			

**STATISTICAL TESTS**

POLY 3	P=0.242	P=0.012N*	P=0.205N	P=0.471
POLY 1.5	P=0.250	P=0.013N*	P=0.218N	P=0.493
POLY 6	P=0.238	P=0.011N*	P=0.192N	P=0.456
COCH-ARM / FISHERS	P=0.317	P=0.012N*	P=0.233N	P=0.606N
MAX-ISO-POLY-3	P=0.122	P=0.004N**	P=0.128N	P=0.363
HISTCONT SAME RTE	P=0.164	(e)	P=1.000	P=0.172
HISTCONT ALL RTES	P=0.139	(e)	P=1.000	P=0.188

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Bone Marrow  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/43.05	4/45.41	1/46.06	1/34.73
POLY-3 PERCENT (g)	2.3%	8.8%	2.2%	2.9%
TERMINAL (d)	1/37 (3%)	4/39 (10%)	1/42 (2%)	1/27 (4%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	8/1142 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.433N	P=0.195	P=0.745N	P=0.710
POLY 1.5	P=0.432N	P=0.188	P=0.753N	P=0.716
POLY 6	P=0.430N	P=0.202	P=0.737N	P=0.707
COCH-ARM / FISHERS	P=0.373N	P=0.181	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.440N	P=0.099	P=0.480N	P=0.444
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)



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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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	Males			
DOSE	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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**Bone  
 Osteosarcoma**

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TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTEs	3/1149 (0%)			

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**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
<b>Harderian Gland Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	10/50 (20%)	10/50 (20%)	8/50 (16%)	10/50 (20%)
POLY-3 RATE (b)	10/44.27	10/45.53	8/46.67	10/35.46
POLY-3 PERCENT (g)	22.6%	22%	17.1%	28.2%
TERMINAL (d)	8/37 (22%)	8/39 (21%)	7/42 (17%)	8/27 (30%)
FIRST INCIDENCE	533	701	533	486
HC TUMORS SAME RTE	16/100 (16%)			
HC TUMORS ALL RTES	152/1149 (13%)			

**STATISTICAL TESTS**

POLY 3	P=0.384	P=0.572N	P=0.349N	P=0.378
POLY 1.5	P=0.401	P=0.586N	P=0.373N	P=0.405
POLY 6	P=0.376	P=0.560N	P=0.325N	P=0.358
COCH-ARM / FISHERS	P=0.524N	P=0.598N	P=0.398N	P=0.598N
MAX-ISO-POLY-3	P=0.387	P=0.471N	P=0.264N	P=0.303
HISTCONT SAME RTE	P=0.169	P=0.244	P=0.654	P=0.163
HISTCONT ALL RTES	P=0.026*	P=0.164	P=0.423	P=0.084

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Harderian Gland  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.8	1/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	4.6%	2.2%	0%	0%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	461	728 (T)	---	---
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	30/1149 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.100N	P=0.487N	P=0.226N	P=0.292N
POLY 1.5	P=0.102N	P=0.494N	P=0.232N	P=0.285N
POLY 6	P=0.098N	P=0.481N	P=0.220N	P=0.298N
COCH-ARM / FISHERS	P=0.101N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.152N	P=0.273N	P=0.076N	P=0.128N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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**Harderian Gland  
 Carcinoma or Adenoma**

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TUMOR RATES	#	#	#	#
OVERALL (a)	12/50 (24%)	11/50 (22%)	8/50 (16%)	10/50 (20%)
POLY-3 RATE (b)	12/45.01	11/45.53	8/46.67	10/35.46
POLY-3 PERCENT (g)	26.7%	24.2%	17.1%	28.2%
TERMINAL (d)	9/37 (24%)	9/39 (23%)	7/42 (17%)	8/27 (30%)
FIRST INCIDENCE	461	701	533	486
HC TUMORS SAME RTE	17/100 (17%)			
HC TUMORS ALL RTES	176/1149 (15%)			

**STATISTICAL TESTS**

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POLY 3	P=0.510N	P=0.487N	P=0.197N	P=0.538
POLY 1.5	P=0.492N	P=0.497N	P=0.213N	P=0.573
POLY 6	P=0.519N	P=0.479N	P=0.181N	P=0.512
COCH-ARM / FISHERS	P=0.328N	P=0.500N	P=0.227N	P=0.405N
MAX-ISO-POLY-3	P=0.491	P=0.391N	P=0.139N	P=0.444
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

---

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Intestine Small: Jejunum  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	2/45.88	1/46.67	0/34.73
POLY-3 PERCENT (g)	0%	4.4%	2.1%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	589	533	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	14/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.518N	P=0.252	P=0.516	(e)
POLY 1.5	P=0.516N	P=0.245	P=0.509	(e)
POLY 6	P=0.516N	P=0.258	P=0.524	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.404	P=0.090	P=0.178	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Intestine Small: Site Unspecified  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	2/45.88	1/46.67	0/34.73
POLY-3 PERCENT (g)	0%	4.4%	2.1%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	589	533	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	18/1149 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.518N	P=0.252	P=0.516	(e)
POLY 1.5	P=0.516N	P=0.245	P=0.509	(e)
POLY 6	P=0.516N	P=0.258	P=0.524	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.404	P=0.090	P=0.178	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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**Intestine Small: Site Unspecified  
 Carcinoma or Adenoma**

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TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	2/45.88	1/46.67	0/34.73
POLY-3 PERCENT (g)	0%	4.4%	2.1%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	589	533	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	27/1149 (2%)			

**STATISTICAL TESTS**

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POLY 3	P=0.518N	P=0.252	P=0.516	(e)
POLY 1.5	P=0.516N	P=0.245	P=0.509	(e)
POLY 6	P=0.516N	P=0.258	P=0.524	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.404	P=0.090	P=0.178	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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Liver  
 Hemangiosarcoma

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	2/50 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	1/43.55	2/45.41	4/46.09	1/34.73
POLY-3 PERCENT (g)	2.3%	4.4%	8.7%	2.9%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	3/42 (7%)	1/27 (4%)
FIRST INCIDENCE	578	728 (T)	722	728 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	30/1146 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.433	P=0.515	P=0.196	P=0.708
POLY 1.5	P=0.455	P=0.508	P=0.188	P=0.715
POLY 6	P=0.416	P=0.520	P=0.206	P=0.702
COCH-ARM / FISHERS	P=0.596	P=0.500	P=0.181	P=0.753N
MAX-ISO-POLY-3	P=0.396	P=0.297	P=0.100	P=0.441
HISTCONT SAME RTE	P=0.364	P=0.138	P=0.103	P=0.299
HISTCONT ALL RTES	P=0.277	P=0.372	P=0.090	P=0.560

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/43.05	3/45.41	2/46.06	3/34.73
POLY-3 PERCENT (g)	4.7%	6.6%	4.3%	8.6%
TERMINAL (d)	2/37 (5%)	3/39 (8%)	2/42 (5%)	3/27 (11%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	43/1146 (4%)			

**STATISTICAL TESTS**

POLY 3	P=0.361	P=0.524	P=0.669N	P=0.403
POLY 1.5	P=0.369	P=0.513	P=0.681N	P=0.414
POLY 6	P=0.358	P=0.535	P=0.657N	P=0.397
COCH-ARM / FISHERS	P=0.456	P=0.500	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.423	P=0.349	P=0.472N	P=0.262
HISTCONT SAME RTE	P=0.190	P=0.190	P=0.352	P=0.194
HISTCONT ALL RTES	P=0.495	P=0.442	P=0.618	P=0.326

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	33/50 (66%)	40/50 (80%)	37/50 (74%)	26/50 (52%)
POLY-3 RATE (b)	33/46.15	40/46.47	37/47.6	26/37.15
POLY-3 PERCENT (g)	71.5%	86.1%	77.7%	70%
TERMINAL (d)	27/37 (73%)	35/39 (90%)	34/42 (81%)	19/27 (70%)
FIRST INCIDENCE	461	589	501	506
HC TUMORS SAME RTE	53/100 (53%)			
HC TUMORS ALL RTEs	544/1146 (48%)			

**STATISTICAL TESTS**

POLY 3	P=0.354N	P=0.060	P=0.320	P=0.537N
POLY 1.5	P=0.304N	P=0.063	P=0.275	P=0.476N
POLY 6	P=0.357N	P=0.060	P=0.372	P=0.554N
COCH-ARM / FISHERS	P=0.026N*	P=0.088	P=0.257	P=0.111N
MAX-ISO-POLY-3	P=0.314N	P=0.034*	P=0.242	P=0.442N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Liver  
 Hepatocellular Carcinoma**

**TUMOR RATES**

OVERALL (a)	14/50 (28%)	15/50 (30%)	10/50 (20%)	8/50 (16%)
POLY-3 RATE (b)	14/45.45	15/46.84	10/47.07	8/35.85
POLY-3 PERCENT (g)	30.8%	32%	21.3%	22.3%
TERMINAL (d)	9/37 (24%)	10/39 (26%)	8/42 (19%)	4/27 (15%)
FIRST INCIDENCE	495	521	501	522
HC TUMORS SAME RTE	37/100 (37%)			
HC TUMORS ALL RTEs	317/1146 (28%)			

**STATISTICAL TESTS**

POLY 3	P=0.151N	P=0.539	P=0.209N	P=0.275N
POLY 1.5	P=0.138N	P=0.519	P=0.225N	P=0.249N
POLY 6	P=0.160N	P=0.557	P=0.194N	P=0.295N
COCH-ARM / FISHERS	P=0.054N	P=0.500	P=0.241N	P=0.114N
MAX-ISO-POLY-3	P=0.244N	P=0.449	P=0.151N	P=0.224N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Liver  
 Hepatocellular Carcinoma or Hepatoblastoma**

**TUMOR RATES**

OVERALL (a)	15/50 (30%)	17/50 (34%)	11/50 (22%)	10/50 (20%)
POLY-3 RATE (b)	15/45.45	17/46.84	11/47.07	10/35.85
POLY-3 PERCENT (g)	33%	36.3%	23.4%	27.9%
TERMINAL (d)	10/37 (27%)	12/39 (31%)	9/42 (21%)	6/27 (22%)
FIRST INCIDENCE	495	521	501	522
HC TUMORS SAME RTE	39/100 (39%)			
HC TUMORS ALL RTES	346/1146 (30%)			

**STATISTICAL TESTS**

POLY 3	P=0.224N	P=0.455	P=0.212N	P=0.401N
POLY 1.5	P=0.205N	P=0.434	P=0.230N	P=0.366N
POLY 6	P=0.235N	P=0.474	P=0.196N	P=0.426N
COCH-ARM / FISHERS	P=0.084N	P=0.415	P=0.247N	P=0.178N
MAX-ISO-POLY-3	P=0.352N	P=0.371	P=0.156N	P=0.329N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Liver  
 Hepatocellular Carcinoma or Hepatocellular Adenoma**

**TUMOR RATES**

OVERALL (a)	40/50 (80%)	43/50 (86%)	39/50 (78%)	30/50 (60%)
POLY-3 RATE (b)	40/48.56	43/47.37	39/47.92	30/37.79
POLY-3 PERCENT (g)	82.4%	90.8%	81.4%	79.4%
TERMINAL (d)	29/37 (78%)	36/39 (92%)	35/42 (83%)	21/27 (78%)
FIRST INCIDENCE	461	521	501	506
HC TUMORS SAME RTE	76/100 (76%)			
HC TUMORS ALL RTES	729/1146 (64%)			

**STATISTICAL TESTS**

POLY 3	P=0.275N	P=0.175	P=0.555N	P=0.469N
POLY 1.5	P=0.183N	P=0.203	P=0.554N	P=0.343N
POLY 6	P=0.341N	P=0.146	P=0.560N	P=0.553N
COCH-ARM / FISHERS	P=0.004N**	P=0.298	P=0.500N	P=0.024N*
MAX-ISO-POLY-3	P=0.346N	P=0.109	P=0.448N	P=0.373N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	40/50 (80%)	43/50 (86%)	39/50 (78%)	30/50 (60%)
POLY-3 RATE (b)	40/48.56	43/47.37	39/47.92	30/37.79
POLY-3 PERCENT (g)	82.4%	90.8%	81.4%	79.4%
TERMINAL (d)	29/37 (78%)	36/39 (92%)	35/42 (83%)	21/27 (78%)
FIRST INCIDENCE	461	521	501	506
HC TUMORS SAME RTE	76/100 (76%)			
HC TUMORS ALL RTES	740/1146 (65%)			

**STATISTICAL TESTS**

POLY 3	P=0.275N	P=0.175	P=0.555N	P=0.469N
POLY 1.5	P=0.183N	P=0.203	P=0.554N	P=0.343N
POLY 6	P=0.341N	P=0.146	P=0.560N	P=0.553N
COCH-ARM / FISHERS	P=0.004N**	P=0.298	P=0.500N	P=0.024N*
MAX-ISO-POLY-3	P=0.346N	P=0.109	P=0.448N	P=0.373N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lung  
 Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	6/50 (12%)	14/50 (28%)	8/50 (16%)	7/50 (14%)
POLY-3 RATE (b)	6/43.05	14/46.21	8/46.06	7/34.93
POLY-3 PERCENT (g)	13.9%	30.3%	17.4%	20%
TERMINAL (d)	6/37 (16%)	12/39 (31%)	8/42 (19%)	5/27 (19%)
FIRST INCIDENCE	728 (T)	495	728 (T)	678
HC TUMORS SAME RTE	16/100 (16%)			
HC TUMORS ALL RTES	209/1148 (18%)			

**STATISTICAL TESTS**

POLY 3	P=0.503	P=0.053	P=0.439	P=0.341
POLY 1.5	P=0.519	P=0.045*	P=0.414	P=0.357
POLY 6	P=0.500	P=0.061	P=0.467	P=0.334
COCH-ARM / FISHERS	P=0.389N	P=0.039*	P=0.387	P=0.500
MAX-ISO-POLY-3	P=0.326	P=0.035*	P=0.334	P=0.259
HISTCONT SAME RTE	P=0.426	P=0.047*	P=0.460	P=0.362
HISTCONT ALL RTES	P=0.379	P=0.036*	P=0.420	P=0.322

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lung  
 Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	5/50 (10%)	4/50 (8%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	5/43.65	4/45.83	4/46.06	1/34.73
POLY-3 PERCENT (g)	11.5%	8.7%	8.7%	2.9%
TERMINAL (d)	4/37 (11%)	2/39 (5%)	4/42 (10%)	1/27 (4%)
FIRST INCIDENCE	539	631	728 (T)	728 (T)
HC TUMORS SAME RTE	8/100 (8%)			
HC TUMORS ALL RTES	115/1148 (10%)			

**STATISTICAL TESTS**

POLY 3	P=0.138N	P=0.469N	P=0.466N	P=0.163N
POLY 1.5	P=0.130N	P=0.484N	P=0.483N	P=0.155N
POLY 6	P=0.143N	P=0.455N	P=0.449N	P=0.170N
COCH-ARM / FISHERS	P=0.080N	P=0.500N	P=0.500N	P=0.102N
MAX-ISO-POLY-3	P=0.193N	P=0.338N	P=0.336N	P=0.102N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Lung  
 Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	11/50 (22%)	18/50 (36%)	12/50 (24%)	8/50 (16%)
POLY-3 RATE (b)	11/43.65	18/46.62	12/46.06	8/34.93
POLY-3 PERCENT (g)	25.2%	38.6%	26.1%	22.9%
TERMINAL (d)	10/37 (27%)	14/39 (36%)	12/42 (29%)	6/27 (22%)
FIRST INCIDENCE	539	495	728 (T)	678
HC TUMORS SAME RTE	23/100 (23%)			
HC TUMORS ALL RTES	309/1148 (27%)			

**STATISTICAL TESTS**

POLY 3	P=0.294N	P=0.126	P=0.559	P=0.511N
POLY 1.5	P=0.272N	P=0.108	P=0.530	P=0.485N
POLY 6	P=0.306N	P=0.147	P=0.590	P=0.528N
COCH-ARM / FISHERS	P=0.116N	P=0.093	P=0.500	P=0.306N
MAX-ISO-POLY-3	P=0.355N	P=0.092	P=0.463	P=0.414N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Mammary Gland  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	1/1149 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.273N	P=0.489N	P=0.487N	P=0.542N
POLY 1.5	P=0.279N	P=0.494N	P=0.493N	P=0.538N
POLY 6	P=0.268N	P=0.485N	P=0.480N	P=0.545N
COCH-ARM / FISHERS	P=0.305N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.203N	P=0.158N	P=0.158N	P=0.210N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

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**Mesentery  
 Fibrous Histiocytoma**

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TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTEs	0/1149 (0%)			

**STATISTICAL TESTS**

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POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Pituitary Gland: Pars Distalis or Unspecified Site  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/49 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/43.05	0/44.41	0/45.06	0/33.73
POLY-3 PERCENT (g)	2.3%	0%	0%	0%
TERMINAL (d)	1/37 (3%)	0/38 (0%)	0/41 (0%)	0/26 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME RTE	0/98 (0%)			
HC TUMORS ALL RTES	3/1119 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.273N	P=0.494N	P=0.491N	P=0.548N
POLY 1.5	P=0.280N	P=0.499N	P=0.497N	P=0.543N
POLY 6	P=0.267N	P=0.489N	P=0.484N	P=0.551N
COCH-ARM / FISHERS	P=0.308N	P=0.505N	P=0.505N	P=0.505N
MAX-ISO-POLY-3	P=0.214N	P=0.160N	P=0.160N	P=0.216N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Skin  
 Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	14/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Skin  
 Fibrosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	0/1149 (0%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Skin  
 Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	11/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

---

	Males			
DOSE	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

---

**Skin  
 Fibrous Histiocytoma**

---

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTEs	5/1149 (0%)			

**STATISTICAL TESTS**

---

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

---



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Skin  
 Schwannoma Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	1/34.73
POLY-3 PERCENT (g)	0%	0%	0%	2.9%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	728 (T)
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	1/1149 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.171	(e)	(e)	P=0.457
POLY 1.5	P=0.175	(e)	(e)	P=0.462
POLY 6	P=0.169	(e)	(e)	P=0.455
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.123	(e)	(e)	P=0.158
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Spleen  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	3/43.05	1/45.41	3/46.06	2/34.73
POLY-3 PERCENT (g)	7%	2.2%	6.5%	5.8%
TERMINAL (d)	3/37 (8%)	1/39 (3%)	3/42 (7%)	2/27 (7%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	21/1136 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.547	P=0.286N	P=0.631N	P=0.596N
POLY 1.5	P=0.561	P=0.295N	P=0.646N	P=0.586N
POLY 6	P=0.538	P=0.278N	P=0.614N	P=0.603N
COCH-ARM / FISHERS	P=0.523N	P=0.309N	P=0.661N	P=0.500N
MAX-ISO-POLY-3	P=0.561N	P=0.147N	P=0.466N	P=0.422N
HISTCONT SAME RTE	P=0.195	P=0.548	P=0.194	P=0.310
HISTCONT ALL RTES	P=0.031*	P=0.595	P=0.063	P=0.177

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Stomach, Forestomach  
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.05	1/45.41	0/46.06	1/34.73
POLY-3 PERCENT (g)	0%	2.2%	0%	2.9%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/42 (0%)	1/27 (4%)
FIRST INCIDENCE	---	728 (T)	---	728 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	11/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.358	P=0.511	(e)	P=0.457
POLY 1.5	P=0.361	P=0.506	(e)	P=0.462
POLY 6	P=0.357	P=0.515	(e)	P=0.455
COCH-ARM / FISHERS	P=0.405	P=0.500	(e)	P=0.500
MAX-ISO-POLY-3	P=0.255	P=0.172	(e)	P=0.158
HISTCONT SAME RTE	P=0.338	P=0.242	(e)	P=0.223
HISTCONT ALL RTES	P=0.295	P=0.206	(e)	P=0.188

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Testes  
 Adenoma

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/43.05	1/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	4.7%	2.2%	4.3%	0%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	9/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.256N	P=0.481N	P=0.669N	P=0.288N
POLY 1.5	P=0.250N	P=0.490N	P=0.681N	P=0.282N
POLY 6	P=0.260N	P=0.473N	P=0.657N	P=0.292N
COCH-ARM / FISHERS	P=0.200N	P=0.500N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.244N	P=0.270N	P=0.472N	P=0.124N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Thyroid Gland: Follicular Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/43.05	1/45.41	3/46.06	2/34.73
POLY-3 PERCENT (g)	0%	2.2%	6.5%	5.8%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	3/42 (7%)	2/27 (7%)
FIRST INCIDENCE	---	728 (T)	728 (T)	728 (T)
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	19/1142 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.094	P=0.511	P=0.131	P=0.193
POLY 1.5	P=0.101	P=0.506	P=0.125	P=0.197
POLY 6	P=0.089	P=0.515	P=0.138	P=0.190
COCH-ARM / FISHERS	P=0.163	P=0.500	P=0.121	P=0.247
MAX-ISO-POLY-3	P=0.149	P=0.172	P=0.049*	P=0.075
HISTCONT SAME RTE	P=0.111	P=0.116	P=0.067	P=0.105
HISTCONT ALL RTES	P=0.070	P=0.206	P=0.053	P=0.085

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**Thyroid Gland: Follicular Cell  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/43.05	1/45.41	3/46.06	2/34.73
POLY-3 PERCENT (g)	2.3%	2.2%	6.5%	5.8%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	3/42 (7%)	2/27 (7%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	22/1142 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.222	P=0.749N	P=0.330	P=0.426
POLY 1.5	P=0.234	P=0.754N	P=0.318	P=0.434
POLY 6	P=0.214	P=0.743N	P=0.343	P=0.421
COCH-ARM / FISHERS	P=0.324	P=0.753N	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.359	P=0.484N	P=0.179	P=0.243
HISTCONT SAME RTE	P=0.080	P=0.183	P=0.088	P=0.136
HISTCONT ALL RTES	P=0.080	P=0.615	P=0.117	P=0.250

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

Tooth  
 Odontoma

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/43.05	0/45.41	2/46.06	0/34.73
POLY-3 PERCENT (g)	2.3%	0%	4.3%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/42 (5%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	2/1149 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.536N	P=0.489N	P=0.524	P=0.542N
POLY 1.5	P=0.525N	P=0.494N	P=0.512	P=0.538N
POLY 6	P=0.543N	P=0.485N	P=0.536	P=0.545N
COCH-ARM / FISHERS	P=0.461N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.409N	P=0.158N	P=0.306	P=0.210N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**All Organs  
 Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.05	2/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	4.7%	4.4%	0%	0%
TERMINAL (d)	2/37 (5%)	2/39 (5%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	9/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.091N	P=0.675N	P=0.222N	P=0.288N
POLY 1.5	P=0.092N	P=0.684N	P=0.230N	P=0.282N
POLY 6	P=0.089N	P=0.666N	P=0.215N	P=0.292N
COCH-ARM / FISHERS	P=0.086N	P=0.691N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.144N	P=0.478N	P=0.076N	P=0.124N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	6/50 (12%)	9/50 (18%)	4/50 (8%)
POLY-3 RATE (b)	5/43.55	6/45.41	9/46.38	4/34.73
POLY-3 PERCENT (g)	11.5%	13.2%	19.4%	11.5%
TERMINAL (d)	4/37 (11%)	6/39 (15%)	7/42 (17%)	4/27 (15%)
FIRST INCIDENCE	578	728 (T)	648	728 (T)
HC TUMORS SAME RTE	6/100 (6%)			
HC TUMORS ALL RTES	67/1149 (6%)			

**STATISTICAL TESTS**

POLY 3	P=0.453	P=0.529	P=0.229	P=0.635
POLY 1.5	P=0.480	P=0.516	P=0.211	P=0.621N
POLY 6	P=0.434	P=0.541	P=0.249	P=0.622
COCH-ARM / FISHERS	P=0.442N	P=0.500	P=0.194	P=0.500N
MAX-ISO-POLY-3	P=0.497	P=0.403	P=0.158	P=0.497
HISTCONT SAME RTE	P=0.357	P=0.322	P=0.174	P=0.445
HISTCONT ALL RTES	P=0.021*	P=0.163	P=0.030*	P=0.322

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	7/50 (14%)	8/50 (16%)	9/50 (18%)	4/50 (8%)
POLY-3 RATE (b)	7/43.55	8/45.41	9/46.38	4/34.73
POLY-3 PERCENT (g)	16.1%	17.6%	19.4%	11.5%
TERMINAL (d)	6/37 (16%)	8/39 (21%)	7/42 (17%)	4/27 (15%)
FIRST INCIDENCE	578	728 (T)	648	728 (T)
HC TUMORS SAME RTE	7/100 (7%)			
HC TUMORS ALL RTES	76/1149 (7%)			

**STATISTICAL TESTS**

POLY 3	P=0.376N	P=0.535	P=0.446	P=0.403N
POLY 1.5	P=0.355N	P=0.519	P=0.420	P=0.384N
POLY 6	P=0.389N	P=0.549	P=0.475	P=0.418N
COCH-ARM / FISHERS	P=0.204N	P=0.500	P=0.393	P=0.262N
MAX-ISO-POLY-3	P=0.426N	P=0.423	P=0.345	P=0.304N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**All Organs  
 Histiocytic Sarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/43.05	0/45.41	1/46.06	0/34.73
POLY-3 PERCENT (g)	2.3%	0%	2.2%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/42 (2%)	0/27 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	7/1149 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.437N	P=0.489N	P=0.745N	P=0.542N
POLY 1.5	P=0.433N	P=0.494N	P=0.753N	P=0.538N
POLY 6	P=0.439N	P=0.485N	P=0.737N	P=0.545N
COCH-ARM / FISHERS	P=0.405N	P=0.500N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.339N	P=0.158N	P=0.480N	P=0.210N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**All Organs  
 Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/43.05	3/46.1	2/47.06	2/35.49
POLY-3 PERCENT (g)	0%	6.5%	4.3%	5.6%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/42 (2%)	1/27 (4%)
FIRST INCIDENCE	---	495	127	451
HC TUMORS SAME RTE	3/100 (3%)			
HC TUMORS ALL RTES	34/1149 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.239	P=0.131	P=0.258	P=0.197
POLY 1.5	P=0.244	P=0.126	P=0.250	P=0.200
POLY 6	P=0.237	P=0.137	P=0.266	P=0.195
COCH-ARM / FISHERS	P=0.324	P=0.121	P=0.247	P=0.247
MAX-ISO-POLY-3	P=0.221	P=0.049*	P=0.095	P=0.075
HISTCONT SAME RTE	P=0.296	P=0.067	P=0.134	P=0.105
HISTCONT ALL RTES	P=0.257	P=0.053	P=0.110	P=0.085

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**All Organs  
 Osteosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	3/1149 (0%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG

**All Organs  
 Osteosarcoma or Osteoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.05	0/45.41	0/46.06	0/34.73
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/42 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	3/1149 (0%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	41/50 (82%)	42/50 (84%)	39/50 (78%)	34/50 (68%)
POLY-3 RATE (b)	41/47.6	42/47.15	39/47.6	34/37.87
POLY-3 PERCENT (g)	86.1%	89.1%	81.9%	89.8%
TERMINAL (d)	33/37 (89%)	36/39 (92%)	36/42 (86%)	25/27 (93%)
FIRST INCIDENCE	397	495	501	486
HC TUMORS SAME RTE	69/100 (69%)			
HC TUMORS ALL RTES	753/1149 (66%)			

**STATISTICAL TESTS**

POLY 3	P=0.478	P=0.448	P=0.386N	P=0.423
POLY 1.5	P=0.522N	P=0.443	P=0.420N	P=0.549
POLY 6	P=0.447	P=0.459	P=0.342N	P=0.372
COCH-ARM / FISHERS	P=0.032N*	P=0.500	P=0.402N	P=0.083N
MAX-ISO-POLY-3	P=0.487	P=0.322	P=0.281N	P=0.308
HISTCONT SAME RTE	P=0.238	P=0.232	P=0.382	P=0.279
HISTCONT ALL RTES	P=0.044*	P=0.140	P=0.265	P=0.193

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	26/50 (52%)	32/50 (64%)	26/50 (52%)	16/50 (32%)
POLY-3 RATE (b)	26/46.93	32/48.41	26/49.75	16/36.62
POLY-3 PERCENT (g)	55.4%	66.1%	52.3%	43.7%
TERMINAL (d)	18/37 (49%)	23/39 (59%)	19/42 (45%)	11/27 (41%)
FIRST INCIDENCE	461	495	127	451
HC TUMORS SAME RTE	54/100 (54%)			
HC TUMORS ALL RTEs	582/1149 (51%)			

**STATISTICAL TESTS**

POLY 3	P=0.095N	P=0.193	P=0.458N	P=0.200N
POLY 1.5	P=0.071N	P=0.169	P=0.502N	P=0.160N
POLY 6	P=0.116N	P=0.223	P=0.418N	P=0.237N
COCH-ARM / FISHERS	P=0.006N**	P=0.156	P=0.579N	P=0.034N*
MAX-ISO-POLY-3	P=0.142N	P=0.144	P=0.380N	P=0.171N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	48/50 (96%)	46/50 (92%)	46/50 (92%)	37/50 (74%)
POLY-3 RATE (b)	48/50	46/48.41	46/50	37/39.26
POLY-3 PERCENT (g)	96%	95%	92%	94.3%
TERMINAL (d)	35/37 (95%)	37/39 (95%)	38/42 (91%)	26/27 (96%)
FIRST INCIDENCE	397	495	127	451
HC TUMORS SAME RTE	87/100 (87%)			
HC TUMORS ALL RTES	976/1149 (85%)			

**STATISTICAL TESTS**

POLY 3	P=0.367N	P=0.603N	P=0.338N	P=0.549N
POLY 1.5	P=0.204N	P=0.539N	P=0.338N	P=0.299N
POLY 6	P=0.481N	P=0.651N	P=0.338N	P=0.710N
COCH-ARM / FISHERS	P<0.001N**	P=0.339N	P=0.339N	P=0.002N**
MAX-ISO-POLY-3	P=0.469N	P=0.406N	P=0.202N	P=0.355N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Adrenal Cortex  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTEs	5/1244 (0%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
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Date Report Requested: 04/07/2008  
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 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Bone Marrow  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.74	1/45.67	2/44.93	0/47.36
POLY-3 PERCENT (g)	2.2%	2.2%	4.5%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	588	664	606	---
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	7/1243 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.349N	P=0.756N	P=0.502	P=0.489N
POLY 1.5	P=0.355N	P=0.759N	P=0.499	P=0.493N
POLY 6	P=0.343N	P=0.751N	P=0.507	P=0.484N
COCH-ARM / FISHERS	P=0.366N	P=0.753N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.279N	P=0.493N	P=0.282	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Bone  
 Osteosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/44.48	0/45.43	1/44.95	1/47.36
POLY-3 PERCENT (g)	4.5%	0%	2.2%	2.1%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	671	---	485	727 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	5/1249 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.494N	P=0.232N	P=0.496N	P=0.478N
POLY 1.5	P=0.495N	P=0.235N	P=0.499N	P=0.487N
POLY 6	P=0.494N	P=0.227N	P=0.491N	P=0.469N
COCH-ARM / FISHERS	P=0.500N	P=0.247N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.270N	P=0.076N	P=0.278N	P=0.269N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Harderian Gland  
 Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	6/50 (12%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	3/44.87	6/45.43	5/45.07	5/47.46
POLY-3 PERCENT (g)	6.7%	13.2%	11.1%	10.5%
TERMINAL (d)	2/31 (7%)	6/38 (16%)	4/37 (11%)	4/37 (11%)
FIRST INCIDENCE	534	727 (T)	411	701
HC TUMORS SAME RTE	15/100 (15%)			
HC TUMORS ALL RTES	128/1249 (10%)			

**STATISTICAL TESTS**

POLY 3	P=0.430	P=0.248	P=0.359	P=0.388
POLY 1.5	P=0.414	P=0.244	P=0.357	P=0.375
POLY 6	P=0.448	P=0.258	P=0.364	P=0.402
COCH-ARM / FISHERS	P=0.388	P=0.243	P=0.357	P=0.357
MAX-ISO-POLY-3	P=0.366	P=0.152	P=0.233	P=0.263
HISTCONT SAME RTE	P=0.476	P=0.215	P=0.327	P=0.368
HISTCONT ALL RTES	P=0.425	P=0.181	P=0.286	P=0.326

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Harderian Gland  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	3/46	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	6.5%	0%	0%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	589	---	---
HC TUMORS SAME RTE	3/100 (3%)			
HC TUMORS ALL RTEs	33/1249 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.289N	P=0.126	(e)	(e)
POLY 1.5	P=0.298N	P=0.122	(e)	(e)
POLY 6	P=0.276N	P=0.132	(e)	(e)
COCH-ARM / FISHERS	P=0.312N	P=0.121	(e)	(e)
MAX-ISO-POLY-3	P=0.174N	P=0.044*	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTEs	(h)	(h)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Harderian Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	9/50 (18%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	3/44.87	9/46	5/45.07	5/47.46
POLY-3 PERCENT (g)	6.7%	19.6%	11.1%	10.5%
TERMINAL (d)	2/31 (7%)	7/38 (18%)	4/37 (11%)	4/37 (11%)
FIRST INCIDENCE	534	589	411	701
HC TUMORS SAME RTE	18/100 (18%)			
HC TUMORS ALL RTES	160/1249 (13%)			

**STATISTICAL TESTS**

POLY 3	P=0.548N	P=0.064	P=0.359	P=0.388
POLY 1.5	P=0.559	P=0.062	P=0.357	P=0.375
POLY 6	P=0.528N	P=0.071	P=0.364	P=0.402
COCH-ARM / FISHERS	P=0.530	P=0.061	P=0.357	P=0.357
MAX-ISO-POLY-3	P=0.249	P=0.035*	P=0.233	P=0.263
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Intestine Small: Jejunum  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	1/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	4/1249 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.561N	P=0.505	(e)	(e)
POLY 1.5	P=0.565N	P=0.502	(e)	(e)
POLY 6	P=0.556N	P=0.511	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.392N	P=0.165	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Intestine Small: Site Unspecified  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	1/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	6/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.561N	P=0.505	(e)	(e)
POLY 1.5	P=0.565N	P=0.502	(e)	(e)
POLY 6	P=0.556N	P=0.511	(e)	(e)
COCH-ARM / FISHERS	P=0.568N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.392N	P=0.165	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Intestine Small: Site Unspecified  
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.27	1/45.43	0/44.25	1/47.36
POLY-3 PERCENT (g)	0%	2.2%	0%	2.1%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	---	727 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	9/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.424	P=0.505	(e)	P=0.513
POLY 1.5	P=0.416	P=0.502	(e)	P=0.508
POLY 6	P=0.432	P=0.511	(e)	P=0.520
COCH-ARM / FISHERS	P=0.405	P=0.500	(e)	P=0.500
MAX-ISO-POLY-3	P=0.282	P=0.165	(e)	P=0.175
HISTCONT SAME RTE	P=0.372	P=0.232	(e)	P=0.246
HISTCONT ALL RTES	P=0.327	P=0.197	(e)	P=0.210

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Hemangiosarcoma

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.31	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	717	---	---	---
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	11/1245 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.117N	P=0.232N	P=0.237N	P=0.223N
POLY 1.5	P=0.115N	P=0.235N	P=0.238N	P=0.229N
POLY 6	P=0.120N	P=0.226N	P=0.235N	P=0.216N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.076N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Liver</b>				
<b>Hepatoblastoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	6/1245 (1%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	22/50 (44%)	24/50 (48%)	15/50 (30%)	27/50 (54%)
POLY-3 RATE (b)	22/45.09	24/45.67	15/45.3	27/47.82
POLY-3 PERCENT (g)	48.8%	52.6%	33.1%	56.5%
TERMINAL (d)	18/31 (58%)	23/38 (61%)	12/37 (32%)	24/37 (65%)
FIRST INCIDENCE	595	664	584	650
HC TUMORS SAME RTE	52/100 (52%)			
HC TUMORS ALL RTES	345/1245 (28%)			

**STATISTICAL TESTS**

POLY 3	P=0.321	P=0.440	P=0.092N	P=0.294
POLY 1.5	P=0.291	P=0.425	P=0.100N	P=0.260
POLY 6	P=0.353	P=0.473	P=0.079N	P=0.334
COCH-ARM / FISHERS	P=0.250	P=0.421	P=0.107N	P=0.212
MAX-ISO-POLY-3	P=0.211	P=0.358	P=0.061N	P=0.233
HISTCONT SAME RTE	P=0.281	P=0.491	P=1.000	P=0.326
HISTCONT ALL RTES	P=0.093	P=0.217	P=0.572	P=0.157

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Liver  
 Hepatocellular Carcinoma**

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	8/50 (16%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	3/44.32	8/46.77	8/44.84	5/47.53
POLY-3 PERCENT (g)	6.8%	17.1%	17.8%	10.5%
TERMINAL (d)	2/31 (7%)	5/38 (13%)	6/37 (16%)	3/37 (8%)
FIRST INCIDENCE	714	386	638	689
HC TUMORS SAME RTE	18/100 (18%)			
HC TUMORS ALL RTES	131/1245 (11%)			

**STATISTICAL TESTS**

POLY 3	P=0.504	P=0.116	P=0.101	P=0.395
POLY 1.5	P=0.479	P=0.108	P=0.099	P=0.380
POLY 6	P=0.531	P=0.129	P=0.107	P=0.414
COCH-ARM / FISHERS	P=0.441	P=0.100	P=0.100	P=0.357
MAX-ISO-POLY-3	P=0.202	P=0.069	P=0.055	P=0.271
HISTCONT SAME RTE	P=0.271	P=0.097	P=0.076	P=0.378
HISTCONT ALL RTES	P=0.233	P=0.077	P=0.061	P=0.336

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Liver  
 Hepatocellular Carcinoma or Hepatoblastoma**

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	8/50 (16%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	3/44.32	8/46.77	8/44.84	5/47.53
POLY-3 PERCENT (g)	6.8%	17.1%	17.8%	10.5%
TERMINAL (d)	2/31 (7%)	5/38 (13%)	6/37 (16%)	3/37 (8%)
FIRST INCIDENCE	714	386	638	689
HC TUMORS SAME RTE	19/100 (19%)			
HC TUMORS ALL RTES	136/1245 (11%)			

**STATISTICAL TESTS**

POLY 3	P=0.504	P=0.116	P=0.101	P=0.395
POLY 1.5	P=0.479	P=0.108	P=0.099	P=0.380
POLY 6	P=0.531	P=0.129	P=0.107	P=0.414
COCH-ARM / FISHERS	P=0.441	P=0.100	P=0.100	P=0.357
MAX-ISO-POLY-3	P=0.202	P=0.069	P=0.055	P=0.271
HISTCONT SAME RTE	P=0.271	P=0.097	P=0.076	P=0.378
HISTCONT ALL RTES	P=0.233	P=0.077	P=0.061	P=0.336

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Liver  
 Hepatocellular Carcinoma or Hepatocellular Adenoma**

**TUMOR RATES**

OVERALL (a)	22/50 (44%)	26/50 (52%)	21/50 (42%)	30/50 (60%)
POLY-3 RATE (b)	22/45.09	26/46.77	21/45.88	30/47.99
POLY-3 PERCENT (g)	48.8%	55.6%	45.8%	62.5%
TERMINAL (d)	18/31 (58%)	23/38 (61%)	16/37 (43%)	25/37 (68%)
FIRST INCIDENCE	595	386	584	650
HC TUMORS SAME RTE	61/100 (61%)			
HC TUMORS ALL RTES	419/1245 (34%)			

**STATISTICAL TESTS**

POLY 3	P=0.134	P=0.326	P=0.468N	P=0.125
POLY 1.5	P=0.116	P=0.300	P=0.490N	P=0.104
POLY 6	P=0.156	P=0.371	P=0.423N	P=0.152
COCH-ARM / FISHERS	P=0.094	P=0.274	P=0.500N	P=0.080
MAX-ISO-POLY-3	P=0.150	P=0.258	P=0.385N	P=0.093
HISTCONT SAME RTE	P=0.202	P=0.361	P=1.000	P=0.130
HISTCONT ALL RTES	P=0.097	P=0.282	P=0.456	P=0.106



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	22/50 (44%)	26/50 (52%)	21/50 (42%)	30/50 (60%)
POLY-3 RATE (b)	22/45.09	26/46.77	21/45.88	30/47.99
POLY-3 PERCENT (g)	48.8%	55.6%	45.8%	62.5%
TERMINAL (d)	18/31 (58%)	23/38 (61%)	16/37 (43%)	25/37 (68%)
FIRST INCIDENCE	595	386	584	650
HC TUMORS SAME RTE	61/100 (61%)			
HC TUMORS ALL RTES	421/1245 (34%)			

**STATISTICAL TESTS**

POLY 3	P=0.134	P=0.326	P=0.468N	P=0.125
POLY 1.5	P=0.116	P=0.300	P=0.490N	P=0.104
POLY 6	P=0.156	P=0.371	P=0.423N	P=0.152
COCH-ARM / FISHERS	P=0.094	P=0.274	P=0.500N	P=0.080
MAX-ISO-POLY-3	P=0.150	P=0.258	P=0.385N	P=0.093
HISTCONT SAME RTE	P=0.202	P=0.361	P=1.000	P=0.130
HISTCONT ALL RTES	P=0.100	P=0.286	P=0.459	P=0.106

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lung  
 Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	3/50 (6%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	1/44.59	3/45.43	4/44.25	6/47.5
POLY-3 PERCENT (g)	2.2%	6.6%	9%	12.6%
TERMINAL (d)	0/31 (0%)	3/38 (8%)	4/37 (11%)	5/37 (14%)
FIRST INCIDENCE	639	727 (T)	727 (T)	689
HC TUMORS SAME RTE	6/100 (6%)			
HC TUMORS ALL RTES	65/1248 (5%)			

**STATISTICAL TESTS**

POLY 3	P=0.045*	P=0.312	P=0.176	P=0.067
POLY 1.5	P=0.042*	P=0.308	P=0.176	P=0.063
POLY 6	P=0.049*	P=0.320	P=0.178	P=0.072
COCH-ARM / FISHERS	P=0.038*	P=0.309	P=0.181	P=0.056
MAX-ISO-POLY-3	P=0.052	P=0.161	P=0.083	P=0.033*
HISTCONT SAME RTE	P=0.071	P=0.226	P=0.116	P=0.044*
HISTCONT ALL RTES	P=0.045*	P=0.192	P=0.094	P=0.034*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lung  
 Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	4/44.55	0/45.43	0/44.25	2/47.36
POLY-3 PERCENT (g)	9%	0%	0%	4.2%
TERMINAL (d)	3/31 (10%)	0/38 (0%)	0/37 (0%)	2/37 (5%)
FIRST INCIDENCE	652	---	---	727 (T)
HC TUMORS SAME RTE	3/100 (3%)			
HC TUMORS ALL RTES	47/1248 (4%)			

**STATISTICAL TESTS**

POLY 3	P=0.338N	P=0.058N	P=0.061N	P=0.309N
POLY 1.5	P=0.336N	P=0.059N	P=0.061N	P=0.321N
POLY 6	P=0.341N	P=0.055N	P=0.060N	P=0.298N
COCH-ARM / FISHERS	P=0.337N	P=0.059N	P=0.059N	P=0.339N
MAX-ISO-POLY-3	P=0.036N*	P=0.019N*	P=0.020N*	P=0.187N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Lung  
 Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma**

**TUMOR RATES**

OVERALL (a)	5/50 (10%)	3/50 (6%)	4/50 (8%)	8/50 (16%)
POLY-3 RATE (b)	5/44.87	3/45.43	4/44.25	8/47.5
POLY-3 PERCENT (g)	11.1%	6.6%	9%	16.8%
TERMINAL (d)	3/31 (10%)	3/38 (8%)	4/37 (11%)	7/37 (19%)
FIRST INCIDENCE	639	727 (T)	727 (T)	689
HC TUMORS SAME RTE	9/100 (9%)			
HC TUMORS ALL RTEs	107/1248 (9%)			

**STATISTICAL TESTS**

POLY 3	P=0.149	P=0.349N	P=0.509N	P=0.314
POLY 1.5	P=0.143	P=0.354N	P=0.507N	P=0.299
POLY 6	P=0.154	P=0.340N	P=0.508N	P=0.329
COCH-ARM / FISHERS	P=0.132	P=0.357N	P=0.500N	P=0.277
MAX-ISO-POLY-3	P=0.183	P=0.227N	P=0.371N	P=0.223
HISTCONT SAME RTE	P=0.100	P=1.000	P=1.000	P=0.099
HISTCONT ALL RTEs	P=0.172	P=1.000	P=1.000	P=0.121

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Mammary Gland  
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/44.97	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	559	---	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	16/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.116N	P=0.235N	P=0.241N	P=0.226N
POLY 1.5	P=0.115N	P=0.237N	P=0.240N	P=0.230N
POLY 6	P=0.118N	P=0.231N	P=0.240N	P=0.221N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.079N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Mesentery  
 Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	2/47.91
POLY-3 PERCENT (g)	0%	0%	0%	4.2%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	---	554
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	1/1249 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.048*	(e)	(e)	P=0.255
POLY 1.5	P=0.047*	(e)	(e)	P=0.248
POLY 6	P=0.050*	(e)	(e)	P=0.264
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.047*	(e)	(e)	P=0.093
HISTCONT SAME RTE	P=0.064	(e)	(e)	P=0.101
HISTCONT ALL RTES	P<0.001**	(e)	(e)	P<0.001**

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Ovary  
 Cystadenoma**

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/44.27	1/45.45	2/44.25	1/47.41
POLY-3 PERCENT (g)	4.5%	2.2%	4.5%	2.1%
TERMINAL (d)	2/31 (7%)	0/38 (0%)	2/37 (5%)	0/37 (0%)
FIRST INCIDENCE	727 (T)	722	727 (T)	713
HC TUMORS SAME RTE	4/99 (4%)			
HC TUMORS ALL RTES	46/1221 (4%)			

**STATISTICAL TESTS**

POLY 3	P=0.425N	P=0.491N	P=0.694	P=0.476N
POLY 1.5	P=0.432N	P=0.496N	P=0.692	P=0.486N
POLY 6	P=0.419N	P=0.481N	P=0.690N	P=0.465N
COCH-ARM / FISHERS	P=0.444N	P=0.500N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.430N	P=0.275N	P=0.499	P=0.267N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Ovary  
 Hemangioma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	1/45.43	0/44.25	2/47.64
POLY-3 PERCENT (g)	0%	2.2%	0%	4.2%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	---	650
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	1/1221 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.150	P=0.505	(e)	P=0.254
POLY 1.5	P=0.146	P=0.502	(e)	P=0.247
POLY 6	P=0.155	P=0.511	(e)	P=0.262
COCH-ARM / FISHERS	P=0.140	P=0.500	(e)	P=0.247
MAX-ISO-POLY-3	P=0.099	P=0.165	(e)	P=0.092
HISTCONT SAME RTE	P=0.084	P=0.109	(e)	P=0.101
HISTCONT ALL RTES	P<0.001**	P=0.005**	(e)	P<0.001**



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Pituitary Gland: Pars Distalis or Unspecified Site  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	4/49 (8%)	11/50 (22%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	4/43.27	11/45.54	6/44.25	4/47.57
POLY-3 PERCENT (g)	9.2%	24.2%	13.6%	8.4%
TERMINAL (d)	4/30 (13%)	10/38 (26%)	6/37 (16%)	3/37 (8%)
FIRST INCIDENCE	727 (T)	700	727 (T)	671
HC TUMORS SAME RTE	9/98 (9%)			
HC TUMORS ALL RTEs	97/1216 (8%)			

**STATISTICAL TESTS**

POLY 3	P=0.226N	P=0.053	P=0.383	P=0.590N
POLY 1.5	P=0.248N	P=0.050*	P=0.381	P=0.607N
POLY 6	P=0.201N	P=0.060	P=0.392	P=0.570N
COCH-ARM / FISHERS	P=0.283N	P=0.049*	P=0.383	P=0.631N
MAX-ISO-POLY-3	P=0.205N	P=0.031*	P=0.265	P=0.445N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Skin  
 Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	0/44.27	1/45.43	2/44.55	4/47.83
POLY-3 PERCENT (g)	0%	2.2%	4.5%	8.4%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	645	659
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	53/1249 (4%)			

**STATISTICAL TESTS**

POLY 3	P=0.026*	P=0.505	P=0.238	P=0.071
POLY 1.5	P=0.024*	P=0.502	P=0.237	P=0.067
POLY 6	P=0.028*	P=0.511	P=0.242	P=0.077
COCH-ARM / FISHERS	P=0.022*	P=0.500	P=0.247	P=0.059
MAX-ISO-POLY-3	P=0.032*	P=0.165	P=0.077	P=0.028*
HISTCONT SAME RTE	P=0.043*	P=0.232	P=0.108	P=0.037*
HISTCONT ALL RTES	P=0.036*	P=0.197	P=0.088	P=0.029*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin</b>				
<b>Fibrosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	2/47.43
POLY-3 PERCENT (g)	0%	0%	0%	4.2%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	---	709
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	20/1249 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.048*	(e)	(e)	P=0.253
POLY 1.5	P=0.047*	(e)	(e)	P=0.247
POLY 6	P=0.049*	(e)	(e)	P=0.260
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.045*	(e)	(e)	P=0.091
HISTCONT SAME RTE	P=0.061	(e)	(e)	P=0.128
HISTCONT ALL RTES	P=0.051	(e)	(e)	P=0.104

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Skin  
 Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	0/44.27	1/45.43	2/44.55	4/47.83
POLY-3 PERCENT (g)	0%	2.2%	4.5%	8.4%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	645	659
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	53/1249 (4%)			

**STATISTICAL TESTS**

POLY 3	P=0.026*	P=0.505	P=0.238	P=0.071
POLY 1.5	P=0.024*	P=0.502	P=0.237	P=0.067
POLY 6	P=0.028*	P=0.511	P=0.242	P=0.077
COCH-ARM / FISHERS	P=0.022*	P=0.500	P=0.247	P=0.059
MAX-ISO-POLY-3	P=0.032*	P=0.165	P=0.077	P=0.028*
HISTCONT SAME RTE	P=0.043*	P=0.232	P=0.108	P=0.037*
HISTCONT ALL RTES	P=0.036*	P=0.197	P=0.088	P=0.029*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin</b>				
<b>Fibrous Histiocytoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	1/45.43	1/44.25	2/47.76
POLY-3 PERCENT (g)	0%	2.2%	2.3%	4.2%
TERMINAL (d)	0/31 (0%)	1/38 (3%)	1/37 (3%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	727 (T)	659
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	7/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.171	P=0.505	P=0.500	P=0.255
POLY 1.5	P=0.164	P=0.502	P=0.499	P=0.247
POLY 6	P=0.179	P=0.511	P=0.502	P=0.263
COCH-ARM / FISHERS	P=0.153	P=0.500	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.148	P=0.165	P=0.158	P=0.092
HISTCONT SAME RTE	P=0.080	P=0.110	P=0.113	P=0.101
HISTCONT ALL RTES	P=0.026*	P=0.197	P=0.188	P=0.062

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Skin</b>				
<b>Schwannoma Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/44.37	1/45.43	1/44.36	3/47.79
POLY-3 PERCENT (g)	4.5%	2.2%	2.3%	6.3%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	701	727 (T)	701	650
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	6/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.345	P=0.492N	P=0.500N	P=0.534
POLY 1.5	P=0.337	P=0.497N	P=0.501N	P=0.520
POLY 6	P=0.353	P=0.483N	P=0.496N	P=0.550
COCH-ARM / FISHERS	P=0.325	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.346	P=0.276N	P=0.281N	P=0.359
HISTCONT SAME RTE	P=0.084	P=0.484	P=0.479	P=0.112
HISTCONT ALL RTES	P=0.002**	P=0.284	P=0.282	P=0.013*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Spleen  
 Hemangiosarcoma**

**TUMOR RATES**

OVERALL (a)	5/50 (10%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	5/44.85	2/45.67	2/45.33	1/47.36
POLY-3 PERCENT (g)	11.2%	4.4%	4.4%	2.1%
TERMINAL (d)	2/31 (7%)	1/38 (3%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	588	664	411	727 (T)
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	24/1230 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.070N	P=0.209N	P=0.211N	P=0.089N
POLY 1.5	P=0.073N	P=0.214N	P=0.214N	P=0.094N
POLY 6	P=0.069N	P=0.199N	P=0.206N	P=0.085N
COCH-ARM / FISHERS	P=0.077N	P=0.218N	P=0.218N	P=0.102N
MAX-ISO-POLY-3	P=0.047N*	P=0.116N	P=0.117N	P=0.042N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Stomach, Forestomach  
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	1/44.27	2/45.64	4/44.73	4/47.55
POLY-3 PERCENT (g)	2.3%	4.4%	8.9%	8.4%
TERMINAL (d)	1/31 (3%)	1/38 (3%)	3/37 (8%)	2/37 (5%)
FIRST INCIDENCE	727 (T)	671	584	696
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	20/1249 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.135	P=0.511	P=0.181	P=0.201
POLY 1.5	P=0.127	P=0.505	P=0.179	P=0.192
POLY 6	P=0.144	P=0.522	P=0.187	P=0.212
COCH-ARM / FISHERS	P=0.114	P=0.500	P=0.181	P=0.181
MAX-ISO-POLY-3	P=0.169	P=0.292	P=0.086	P=0.105
HISTCONT SAME RTE	P=0.125	P=0.113	P=0.111	P=0.103
HISTCONT ALL RTES	P<0.001**	P=0.135	P=0.006**	P=0.006**



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Thyroid Gland: Follicular Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	2/45.43	1/44.36	0/47.36
POLY-3 PERCENT (g)	0%	4.4%	2.3%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	701	---
HC TUMORS SAME RTE	3/100 (3%)			
HC TUMORS ALL RTES	29/1234 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.437N	P=0.243	P=0.500	(e)
POLY 1.5	P=0.447N	P=0.240	P=0.499	(e)
POLY 6	P=0.425N	P=0.249	P=0.503	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.336N	P=0.081	P=0.159	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Thyroid Gland: Follicular Cell  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	2/45.43	1/44.36	0/47.36
POLY-3 PERCENT (g)	0%	4.4%	2.3%	0%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	727 (T)	701	---
HC TUMORS SAME RTE	3/100 (3%)			
HC TUMORS ALL RTES	32/1234 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.437N	P=0.243	P=0.500	(e)
POLY 1.5	P=0.447N	P=0.240	P=0.499	(e)
POLY 6	P=0.425N	P=0.249	P=0.503	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.336N	P=0.081	P=0.159	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>Tooth</b>				
<b>Odontoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	0/47.36
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	0/1249 (0%)			

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Uterus  
 Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/44.27	0/45.43	0/44.25	2/47.36
POLY-3 PERCENT (g)	0%	0%	0%	4.2%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	0/37 (0%)	2/37 (5%)
FIRST INCIDENCE	---	---	---	727 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	3/1249 (0%)			

**STATISTICAL TESTS**

POLY 3	P=0.048*	(e)	(e)	P=0.253
POLY 1.5	P=0.047*	(e)	(e)	P=0.246
POLY 6	P=0.049*	(e)	(e)	P=0.260
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.045*	(e)	(e)	P=0.091
HISTCONT SAME RTE	P=0.061	(e)	(e)	P=0.127
HISTCONT ALL RTES	P=0.003**	(e)	(e)	P=0.003**

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Uterus  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.27	1/45.64	2/44.67	0/47.36
POLY-3 PERCENT (g)	0%	2.2%	4.5%	0%
TERMINAL (d)	0/31 (0%)	0/38 (0%)	1/37 (3%)	0/37 (0%)
FIRST INCIDENCE	---	671	606	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	6/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.590N	P=0.506	P=0.239	(e)
POLY 1.5	P=0.600N	P=0.503	P=0.237	(e)
POLY 6	P=0.579N	P=0.512	P=0.243	(e)
COCH-ARM / FISHERS	P=0.616N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.337N	P=0.166	P=0.078	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**Uterus  
 Polyp Stromal**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.27	2/45.43	0/44.25	1/47.36
POLY-3 PERCENT (g)	0%	4.4%	0%	2.1%
TERMINAL (d)	0/31 (0%)	2/38 (5%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	---	727 (T)	---	727 (T)
HC TUMORS SAME RTE	5/100 (5%)			
HC TUMORS ALL RTES	33/1249 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.563	P=0.243	(e)	P=0.513
POLY 1.5	P=0.553	P=0.240	(e)	P=0.508
POLY 6	P=0.575	P=0.249	(e)	P=0.520
COCH-ARM / FISHERS	P=0.539	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.344	P=0.081	(e)	P=0.175
HISTCONT SAME RTE	P=0.448	P=0.114	(e)	P=0.246
HISTCONT ALL RTES	P=0.399	P=0.093	(e)	P=0.210

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	1/44.27	2/45.43	1/44.25	4/48.01
POLY-3 PERCENT (g)	2.3%	4.4%	2.3%	8.3%
TERMINAL (d)	1/31 (3%)	2/38 (5%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	650
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	20/1249 (2%)			

**STATISTICAL TESTS**

POLY 3	P=0.126	P=0.509	P=0.761	P=0.205
POLY 1.5	P=0.120	P=0.504	P=0.760	P=0.194
POLY 6	P=0.134	P=0.519	P=0.758N	P=0.218
COCH-ARM / FISHERS	P=0.111	P=0.500	P=0.753N	P=0.181
MAX-ISO-POLY-3	P=0.134	P=0.291	P=0.499	P=0.108
HISTCONT SAME RTE	P=0.122	P=0.337	P=0.654	P=0.148
HISTCONT ALL RTES	P=0.006**	P=0.209	P=0.543	P=0.017*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	5/50 (10%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	7/44.89	5/45.88	4/45.75	2/47.46
POLY-3 PERCENT (g)	15.6%	10.9%	8.7%	4.2%
TERMINAL (d)	3/31 (10%)	3/38 (8%)	1/37 (3%)	1/37 (3%)
FIRST INCIDENCE	588	664	411	701
HC TUMORS SAME RTE	5/100 (5%)			
HC TUMORS ALL RTES	60/1249 (5%)			

**STATISTICAL TESTS**

POLY 3	P=0.047N*	P=0.364N	P=0.250N	P=0.066N
POLY 1.5	P=0.050N*	P=0.373N	P=0.256N	P=0.071N
POLY 6	P=0.045N*	P=0.345N	P=0.239N	P=0.061N
COCH-ARM / FISHERS	P=0.056N	P=0.380N	P=0.262N	P=0.080N
MAX-ISO-POLY-3	P=0.056N	P=0.258N	P=0.162N	P=0.035N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)



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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	8/50 (16%)	7/50 (14%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	8/44.89	7/45.88	5/45.75	5/48.01
POLY-3 PERCENT (g)	17.8%	15.3%	10.9%	10.4%
TERMINAL (d)	4/31 (13%)	5/38 (13%)	2/37 (5%)	2/37 (5%)
FIRST INCIDENCE	588	664	411	650
HC TUMORS SAME RTE	7/100 (7%)			
HC TUMORS ALL RTES	79/1249 (6%)			

**STATISTICAL TESTS**

POLY 3	P=0.172N	P=0.482N	P=0.263N	P=0.234N
POLY 1.5	P=0.184N	P=0.493N	P=0.270N	P=0.251N
POLY 6	P=0.160N	P=0.460N	P=0.250N	P=0.214N
COCH-ARM / FISHERS	P=0.203N	P=0.500N	P=0.277N	P=0.277N
MAX-ISO-POLY-3	P=0.252N	P=0.372N	P=0.177N	P=0.161N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>All Organs</b>				
<b>Histiocytic Sarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	3/44.27	0/45.43	4/44.6	4/47.41
POLY-3 PERCENT (g)	6.8%	0%	9%	8.4%
TERMINAL (d)	3/31 (10%)	0/38 (0%)	2/37 (5%)	3/37 (8%)
FIRST INCIDENCE	727 (T)	---	657	713
HC TUMORS SAME RTE	4/100 (4%)			
HC TUMORS ALL RTES	31/1249 (3%)			

**STATISTICAL TESTS**

POLY 3	P=0.238	P=0.114N	P=0.504	P=0.537
POLY 1.5	P=0.230	P=0.117N	P=0.500	P=0.522
POLY 6	P=0.245	P=0.109N	P=0.515	P=0.555
COCH-ARM / FISHERS	P=0.216	P=0.121N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.238	P=0.038N*	P=0.351	P=0.385
HISTCONT SAME RTE	P=0.258	(e)	P=0.191	P=0.200
HISTCONT ALL RTES	P=0.030*	(e)	P=0.082	P=0.087

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

Date Report Requested: 04/07/2008  
 Time Report Requested: 11:52:50  
 First Dose M/F: 10/03/02 / 10/02/02  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type**

TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	13/50 (26%)	5/50 (10%)	10/50 (20%)
POLY-3 RATE (b)	9/45.99	13/46.27	5/44.98	10/48
POLY-3 PERCENT (g)	19.6%	28.1%	11.1%	20.8%
TERMINAL (d)	4/31 (13%)	10/38 (26%)	4/37 (11%)	7/37 (19%)
FIRST INCIDENCE	472	454	472	615
HC TUMORS SAME RTE	24/100 (24%)			
HC TUMORS ALL RTES	284/1249 (23%)			

**STATISTICAL TESTS**

POLY 3	P=0.429N	P=0.236	P=0.204N	P=0.541
POLY 1.5	P=0.444N	P=0.233	P=0.202N	P=0.524
POLY 6	P=0.412N	P=0.247	P=0.204N	P=0.562
COCH-ARM / FISHERS	P=0.463N	P=0.235	P=0.194N	P=0.500
MAX-ISO-POLY-3	P=0.286N	P=0.169	P=0.134N	P=0.439
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Osteosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/44.48	0/45.43	1/44.95	1/47.36
POLY-3 PERCENT (g)	4.5%	0%	2.2%	2.1%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	671	---	485	727 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	7/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.494N	P=0.232N	P=0.496N	P=0.478N
POLY 1.5	P=0.495N	P=0.235N	P=0.499N	P=0.487N
POLY 6	P=0.494N	P=0.227N	P=0.491N	P=0.469N
COCH-ARM / FISHERS	P=0.500N	P=0.247N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.270N	P=0.076N	P=0.278N	P=0.269N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 bis(2-Chloroethoxy)methane  
 CAS Number: 111-91-1

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

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Osteosarcoma or Osteoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/44.48	0/45.43	1/44.95	1/47.36
POLY-3 PERCENT (g)	4.5%	0%	2.2%	2.1%
TERMINAL (d)	1/31 (3%)	0/38 (0%)	0/37 (0%)	1/37 (3%)
FIRST INCIDENCE	671	---	485	727 (T)
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	9/1249 (1%)			

**STATISTICAL TESTS**

POLY 3	P=0.494N	P=0.232N	P=0.496N	P=0.478N
POLY 1.5	P=0.495N	P=0.235N	P=0.499N	P=0.487N
POLY 6	P=0.494N	P=0.227N	P=0.491N	P=0.469N
COCH-ARM / FISHERS	P=0.500N	P=0.247N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.270N	P=0.076N	P=0.278N	P=0.269N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	27/50 (54%)	35/50 (70%)	30/50 (60%)	37/50 (74%)
POLY-3 RATE (b)	27/46.02	35/46.26	30/46.48	37/48.62
POLY-3 PERCENT (g)	58.7%	75.7%	64.5%	76.1%
TERMINAL (d)	21/31 (68%)	30/38 (79%)	24/37 (65%)	29/37 (78%)
FIRST INCIDENCE	534	659	411	650
HC TUMORS SAME RTE	74/100 (74%)			
HC TUMORS ALL RTEs	644/1249 (52%)			

**STATISTICAL TESTS**

POLY 3	P=0.088	P=0.057	P=0.354	P=0.049*
POLY 1.5	P=0.070	P=0.059	P=0.344	P=0.039*
POLY 6	P=0.116	P=0.065	P=0.383	P=0.066
COCH-ARM / FISHERS	P=0.052	P=0.074	P=0.343	P=0.030*
MAX-ISO-POLY-3	P=0.049*	P=0.035*	P=0.278	P=0.033*
HISTCONT SAME RTE	P=0.066	P=0.047*	P=0.388	P=0.045*
HISTCONT ALL RTEs	P=0.055	P=0.037*	P=0.347	P=0.035*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
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Date Report Requested: 04/07/2008  
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	31/50 (62%)	24/50 (48%)	22/50 (44%)	26/50 (52%)
POLY-3 RATE (b)	31/48.02	24/48.64	22/48.75	26/49.52
POLY-3 PERCENT (g)	64.6%	49.3%	45.1%	52.5%
TERMINAL (d)	16/31 (52%)	14/38 (37%)	12/37 (32%)	15/37 (41%)
FIRST INCIDENCE	472	386	411	554
HC TUMORS SAME RTE	57/100 (57%)			
HC TUMORS ALL RTES	629/1249 (50%)			

**STATISTICAL TESTS**

POLY 3	P=0.198N	P=0.094N	P=0.040N*	P=0.156N
POLY 1.5	P=0.214N	P=0.102N	P=0.045N*	P=0.177N
POLY 6	P=0.184N	P=0.082N	P=0.036N*	P=0.137N
COCH-ARM / FISHERS	P=0.244N	P=0.114N	P=0.054N	P=0.210N
MAX-ISO-POLY-3	P=0.096N	P=0.064N	P=0.026N*	P=0.115N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	100 MG/KG	200 MG/KG	400 MG/KG

**All Organs  
 Malignant and Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	44/50 (88%)	43/50 (86%)	38/50 (76%)	44/50 (88%)
POLY-3 RATE (b)	44/49.4	43/48.64	38/49.49	44/50
POLY-3 PERCENT (g)	89.1%	88.4%	76.8%	88%
TERMINAL (d)	26/31 (84%)	33/38 (87%)	26/37 (70%)	31/37 (84%)
FIRST INCIDENCE	472	386	411	554
HC TUMORS SAME RTE	93/100 (93%)			
HC TUMORS ALL RTEs	939/1249 (75%)			

**STATISTICAL TESTS**

POLY 3	P=0.426N	P=0.586N	P=0.084N	P=0.558N
POLY 1.5	P=0.459N	P=0.555N	P=0.088N	P=0.583N
POLY 6	P=0.394N	P=0.610N	P=0.083N	P=0.532N
COCH-ARM / FISHERS	P=0.513N	P=0.500N	P=0.096N	P=0.620N
MAX-ISO-POLY-3	P=0.274N	P=0.457N	P=0.049N*	P=0.432N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)



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

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
bis(2-Chloroethoxy)methane  
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## **LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of Statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (h) Value of Historical Controls statistic is only calculated when Poly-3 trend is positive and when there is more than one tumor in the treatment groups.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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