

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
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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

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

Spleen
Uterus
All Organs

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

Malignant Tumors
Malignant and Benign Tumors

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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

**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**

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

**Bone
 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)

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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
 Adenoma**

TUMOR RATES	#	#	#	#
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**

DOSE	Males			
	0 MG/KG	150 MG/KG	300 MG/KG	600 MG/KG
Harderian Gland Carcinoma or Adenoma				
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

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**

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

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

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

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

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

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**

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

**Mesentery
 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	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

**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**

	Males			
DOSE	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
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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	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
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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	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
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
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

**All Organs
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
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**

	Males			
DOSE	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

**All Organs
 Benign Tumors**

TUMOR RATES	#	#	#	#
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

**All Organs
 Malignant Tumors**

TUMOR RATES	#	#	#	#
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
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
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
 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

**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
 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

**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
 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
 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
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
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

Liver
 Hepatoblastoma

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	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
Skin				
Fibrosarcoma				
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	2/47.43
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

**Skin
 Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
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
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
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
Tooth				
Odontoma				
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	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
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
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
 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
 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
 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
 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
 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
 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
 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 Tumors				
TUMOR RATES	#	#	#	#
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
 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

**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 ***