

TDMS No. 99028 - 05
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

bis(2-Chloroethoxy)methane

CAS Number: 111-91-1

Date Report Reqsted: 11/12/2007

Time Report Reqsted: 14:57:37

First Dose M/F: 09/16/02 / 09/17/02

Lab: BAT

F1_R2

C Number: C99028
Lock Date: 07/12/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.9.1

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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
Brain
Clitoral/Preputial Gland
Heart
Islets, Pancreatic
Kidney
Liver
Lung
Ovary
Parathyroid Gland
Pituitary Gland
Salivary Glands
Spleen
Testes
Thyroid Gland

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

MALE RATS

Organ

Brain
Lung

Pituitary Gland: Pars Distalis or Unspecified Site
Skin
All Organs

Morphology

Oligodendroglioma, Glioma, or Astrocytoma
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Adenoma
Fibrosarcoma
Benign Tumors
Malignant and Benign Tumors

FEMALE RATS

Organ

Lung

All Organs

Morphology

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/41.38	0/40.93	0/36.17	1/43.88
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	---	---	---	652

STATISTICAL TESTS

LIFE TABLE	P=0.214	(e)	(e)	P=0.510
POLY 3	P=0.208	(e)	(e)	P=0.512
POLY 1.5	P=0.204	(e)	(e)	P=0.506
POLY 6	P=0.214	(e)	(e)	P=0.522
LOGISTIC REGRESSION	P=0.193	(e)	(e)	P=0.491
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.129	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.144	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Adrenal Medulla
 Pheochromocytoma Benign

TUMOR RATES

OVERALL (a)	3/50 (6%)	5/50 (10%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	3/41.71	5/41.28	7/37.59	6/43.81
POLY-3 PERCENT (g)	7.2%	12.1%	18.6%	13.7%
TERMINAL (d)	1/21 (5%)	4/29 (14%)	3/14 (21%)	4/24 (17%)
FIRST INCIDENCE	682	631	554	677

STATISTICAL TESTS

LIFE TABLE	P=0.230	P=0.463	P=0.062	P=0.318
POLY 3	P=0.236	P=0.350	P=0.115	P=0.265
POLY 1.5	P=0.222	P=0.350	P=0.131	P=0.254
POLY 6	P=0.260	P=0.360	P=0.099	P=0.286
LOGISTIC REGRESSION	P=0.238	P=0.359	P=0.119	P=0.302
COCH-ARM / FISHERS	P=0.206	P=0.357	P=0.159	P=0.243
ORDER RESTRICTED	P=0.166	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.179	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Adrenal Medulla
 Pheochromocytoma: Benign, Complex, Malignant, NOS**

TUMOR RATES

OVERALL (a)	3/50 (6%)	6/50 (12%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	3/41.71	6/42.14	7/37.59	6/43.81
POLY-3 PERCENT (g)	7.2%	14.2%	18.6%	13.7%
TERMINAL (d)	1/21 (5%)	4/29 (14%)	3/14 (21%)	4/24 (17%)
FIRST INCIDENCE	682	386	554	677

STATISTICAL TESTS

LIFE TABLE	P=0.270	P=0.333	P=0.062	P=0.318
POLY 3	P=0.275	P=0.245	P=0.115	P=0.265
POLY 1.5	P=0.261	P=0.242	P=0.131	P=0.254
POLY 6	P=0.302	P=0.256	P=0.099	P=0.286
LOGISTIC REGRESSION	P=0.261	P=0.243	P=0.119	P=0.302
COCH-ARM / FISHERS	P=0.246	P=0.243	P=0.159	P=0.243
ORDER RESTRICTED	P=0.173	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.186	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Brain
 Oligodendroglioma, Glioma, or Astrocytoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.38	0/40.93	0/36.17	2/44.51
POLY-3 PERCENT (g)	0%	0%	0%	4.5%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	---	---	---	367

STATISTICAL TESTS

LIFE TABLE	P=0.059	(e)	(e)	P=0.275
POLY 3	P=0.048*	(e)	(e)	P=0.254
POLY 1.5	P=0.047*	(e)	(e)	P=0.246
POLY 6	P=0.051	(e)	(e)	P=0.265
LOGISTIC REGRESSION	P=0.028*	(e)	(e)	P=0.199
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.037*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.046*	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Clitoral/Preputial Gland
 Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/42.12	3/40.93	2/37.19	1/43.59
POLY-3 PERCENT (g)	4.8%	7.3%	5.4%	2.3%
TERMINAL (d)	0/21 (0%)	3/29 (10%)	0/14 (0%)	1/24 (4%)
FIRST INCIDENCE	533	729 (T)	426	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.304N	P=0.600	P=0.634	P=0.438N
POLY 3	P=0.302N	P=0.487	P=0.649	P=0.488N
POLY 1.5	P=0.308N	P=0.490	P=0.667	P=0.494N
POLY 6	P=0.289N	P=0.492	P=0.626	P=0.476N
LOGISTIC REGRESSION	P=0.316N	P=0.497	P=0.599N	P=0.515N
COCH-ARM / FISHERS	P=0.313N	P=0.500	P=0.691N	P=0.500N
ORDER RESTRICTED	P=0.329N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.342N	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Clitoral/Preputial Gland
 Carcinoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.38	0/40.93	1/36.26	0/43.59
POLY-3 PERCENT (g)	0%	0%	2.8%	0%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	---	---	704	---

STATISTICAL TESTS

LIFE TABLE	P=0.731	(e)	P=0.482	(e)
POLY 3	P=0.723	(e)	P=0.474	(e)
POLY 1.5	P=0.711	(e)	P=0.484	(e)
POLY 6	P=0.739	(e)	P=0.461	(e)
LOGISTIC REGRESSION	P=0.698	(e)	P=0.456	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.359	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.374	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Clitoral/Preputial Gland
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/42.12	3/40.93	3/37.29	1/43.59
POLY-3 PERCENT (g)	4.8%	7.3%	8.1%	2.3%
TERMINAL (d)	0/21 (0%)	3/29 (10%)	0/14 (0%)	1/24 (4%)
FIRST INCIDENCE	533	729 (T)	426	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.319N	P=0.600	P=0.436	P=0.438N
POLY 3	P=0.327N	P=0.487	P=0.444	P=0.488N
POLY 1.5	P=0.335N	P=0.490	P=0.467	P=0.494N
POLY 6	P=0.311N	P=0.492	P=0.418	P=0.476N
LOGISTIC REGRESSION	P=0.346N	P=0.497	P=0.588	P=0.515N
COCH-ARM / FISHERS	P=0.343N	P=0.500	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.291N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.302N	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Heart
 Schwannoma Benign**

TUMOR RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/42.01	1/40.93	1/36.73	1/43.59
POLY-3 PERCENT (g)	4.8%	2.4%	2.7%	2.3%
TERMINAL (d)	0/21 (0%)	1/29 (3%)	0/14 (0%)	1/24 (4%)
FIRST INCIDENCE	533	729 (T)	554	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.412N	P=0.444N	P=0.570N	P=0.468N
POLY 3	P=0.403N	P=0.509N	P=0.547N	P=0.487N
POLY 1.5	P=0.407N	P=0.507N	P=0.528N	P=0.494N
POLY 6	P=0.397N	P=0.505N	P=0.569N	P=0.474N
LOGISTIC REGRESSION	P=0.413N	P=0.496N	P=0.430N	P=0.511N
COCH-ARM / FISHERS	P=0.409N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.398N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.410N	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Islets, Pancreatic
 Adenoma

TUMOR RATES

OVERALL (a)	3/50 (6%)	7/50 (14%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/41.57	7/41.21	2/36.52	3/43.93
POLY-3 PERCENT (g)	7.2%	17%	5.5%	6.8%
TERMINAL (d)	2/21 (10%)	5/29 (17%)	0/14 (0%)	1/24 (4%)
FIRST INCIDENCE	682	670	643	647

STATISTICAL TESTS

LIFE TABLE	P=0.325N	P=0.273	P=0.659N	P=0.593N
POLY 3	P=0.318N	P=0.151	P=0.559N	P=0.637N
POLY 1.5	P=0.331N	P=0.152	P=0.535N	P=0.649N
POLY 6	P=0.292N	P=0.158	P=0.587N	P=0.615N
LOGISTIC REGRESSION	P=0.300N	P=0.179	P=0.591N	P=0.630N
COCH-ARM / FISHERS	P=0.342N	P=0.159	P=0.500N	P=0.661N
ORDER RESTRICTED	P=0.264N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.280N	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Islets, Pancreatic
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	3/50 (6%)	7/50 (14%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	3/41.57	7/41.21	3/36.62	4/43.93
POLY-3 PERCENT (g)	7.2%	17%	8.2%	9.1%
TERMINAL (d)	2/21 (10%)	5/29 (17%)	0/14 (0%)	2/24 (8%)
FIRST INCIDENCE	682	670	643	647

STATISTICAL TESTS

LIFE TABLE	P=0.478N	P=0.273	P=0.509	P=0.576
POLY 3	P=0.489N	P=0.151	P=0.603	P=0.530
POLY 1.5	P=0.504N	P=0.152	P=0.627	P=0.516
POLY 6	P=0.459N	P=0.158	P=0.576	P=0.556
LOGISTIC REGRESSION	P=0.460N	P=0.179	P=0.568	P=0.551
COCH-ARM / FISHERS	P=0.517N	P=0.159	P=0.661N	P=0.500
ORDER RESTRICTED	P=0.403	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.417	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lung
 Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	4/50 (8%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	4/42	1/40.93	3/37.62	0/43.59
POLY-3 PERCENT (g)	9.5%	2.4%	8%	0%
TERMINAL (d)	2/21 (10%)	1/29 (3%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	583	729 (T)	481	---

STATISTICAL TESTS

LIFE TABLE	P=0.073N	P=0.119N	P=0.623N	P=0.045N*
POLY 3	P=0.063N	P=0.185N	P=0.560N	P=0.055N
POLY 1.5	P=0.066N	P=0.184N	P=0.536N	P=0.058N
POLY 6	P=0.058N	P=0.181N	P=0.588N	P=0.051N
LOGISTIC REGRESSION	P=0.071N	P=0.181N	P=0.455N	P=0.062N
COCH-ARM / FISHERS	P=0.072N	P=0.181N	P=0.500N	P=0.059N
ORDER RESTRICTED	P=0.025N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.029N*	(e)	(e)	(e)

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DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES

OVERALL (a)	5/50 (10%)	2/50 (4%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	5/42	2/40.93	4/37.62	0/43.59
POLY-3 PERCENT (g)	11.9%	4.9%	10.6%	0%
TERMINAL (d)	3/21 (14%)	2/29 (7%)	1/14 (7%)	0/24 (0%)
FIRST INCIDENCE	583	729 (T)	481	---

STATISTICAL TESTS

LIFE TABLE	P=0.044N*	P=0.127N	P=0.606	P=0.022N*
POLY 3	P=0.034N*	P=0.225N	P=0.569N	P=0.027N*
POLY 1.5	P=0.037N*	P=0.224N	P=0.542N	P=0.029N*
POLY 6	P=0.031N*	P=0.219N	P=0.602N	P=0.024N*
LOGISTIC REGRESSION	P=0.042N*	P=0.214N	P=0.500N	P=0.030N*
COCH-ARM / FISHERS	P=0.042N*	P=0.218N	P=0.500N	P=0.028N*
ORDER RESTRICTED	P=0.016N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.019N*	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/41.38	0/40.93	1/36.88	0/43.59
POLY-3 PERCENT (g)	0%	0%	2.7%	0%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	---	---	481	---

STATISTICAL TESTS

LIFE TABLE	P=0.693	(e)	P=0.487	(e)
POLY 3	P=0.722	(e)	P=0.477	(e)
POLY 1.5	P=0.710	(e)	P=0.486	(e)
POLY 6	P=0.738	(e)	P=0.466	(e)
LOGISTIC REGRESSION	P=0.704	(e)	P=0.612	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.362	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.377	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.38	0/40.93	2/36.98	0/43.59
POLY-3 PERCENT (g)	0%	0%	5.4%	0%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	---	---	481	---

STATISTICAL TESTS

LIFE TABLE	P=0.629	(e)	P=0.223	(e)
POLY 3	P=0.633	(e)	P=0.212	(e)
POLY 1.5	P=0.617	(e)	P=0.222	(e)
POLY 6	P=0.654	(e)	P=0.201	(e)
LOGISTIC REGRESSION	P=0.588	(e)	P=0.284	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.225	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.240	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Fibroadenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/41.8	1/40.93	0/36.17	1/43.63
POLY-3 PERCENT (g)	7.2%	2.4%	0%	2.3%
TERMINAL (d)	1/21 (5%)	1/29 (3%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	655	729 (T)	---	719

STATISTICAL TESTS

LIFE TABLE	P=0.192N	P=0.246N	P=0.190N	P=0.244N
POLY 3	P=0.200N	P=0.312N	P=0.146N	P=0.290N
POLY 1.5	P=0.201N	P=0.311N	P=0.134N	P=0.297N
POLY 6	P=0.199N	P=0.307N	P=0.162N	P=0.277N
LOGISTIC REGRESSION	P=0.190N	P=0.305N	P=0.146N	P=0.289N
COCH-ARM / FISHERS	P=0.200N	P=0.309N	P=0.121N	P=0.309N
ORDER RESTRICTED	P=0.077N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.087N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Fibroma, Fibroadenoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/41.8	1/40.93	1/36.26	1/43.63
POLY-3 PERCENT (g)	7.2%	2.4%	2.8%	2.3%
TERMINAL (d)	1/21 (5%)	1/29 (3%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	655	729 (T)	704	719

STATISTICAL TESTS

LIFE TABLE	P=0.217N	P=0.246N	P=0.409N	P=0.244N
POLY 3	P=0.236N	P=0.312N	P=0.357N	P=0.290N
POLY 1.5	P=0.239N	P=0.311N	P=0.336N	P=0.297N
POLY 6	P=0.231N	P=0.307N	P=0.385N	P=0.277N
LOGISTIC REGRESSION	P=0.228N	P=0.305N	P=0.366N	P=0.289N
COCH-ARM / FISHERS	P=0.242N	P=0.309N	P=0.309N	P=0.309N
ORDER RESTRICTED	P=0.172N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.184N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Fibroma, Fibroadenoma, Carcinoma, or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/41.8	1/40.93	2/36.98	1/43.63
POLY-3 PERCENT (g)	7.2%	2.4%	5.4%	2.3%
TERMINAL (d)	1/21 (5%)	1/29 (3%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	655	729 (T)	481	719

STATISTICAL TESTS

LIFE TABLE	P=0.253N	P=0.246N	P=0.603N	P=0.244N
POLY 3	P=0.267N	P=0.312N	P=0.556N	P=0.290N
POLY 1.5	P=0.273N	P=0.311N	P=0.533N	P=0.297N
POLY 6	P=0.258N	P=0.307N	P=0.584N	P=0.277N
LOGISTIC REGRESSION	P=0.278N	P=0.305N	P=0.491N	P=0.289N
COCH-ARM / FISHERS	P=0.279N	P=0.309N	P=0.500N	P=0.309N
ORDER RESTRICTED	P=0.200N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.214N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES

OVERALL (a)	35/49 (71%)	24/50 (48%)	26/50 (52%)	29/50 (58%)
POLY-3 RATE (b)	35/46.54	24/44.23	26/42.58	29/47.21
POLY-3 PERCENT (g)	75.2%	54.3%	61.1%	61.4%
TERMINAL (d)	15/21 (71%)	15/29 (52%)	6/14 (43%)	13/24 (54%)
FIRST INCIDENCE	316	505	453	485

STATISTICAL TESTS

LIFE TABLE	P=0.247N	P=0.012N*	P=0.538	P=0.081N
POLY 3	P=0.188N	P=0.025N*	P=0.102N	P=0.106N
POLY 1.5	P=0.208N	P=0.020N*	P=0.071N	P=0.115N
POLY 6	P=0.160N	P=0.027N*	P=0.144N	P=0.089N
LOGISTIC REGRESSION	P=0.215N	P=0.018N*	P=0.066N	P=0.114N
COCH-ARM / FISHERS	P=0.233N	P=0.015N*	P=0.037N*	P=0.117N
ORDER RESTRICTED	P=0.061N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.065N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Basal Cell Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.38	3/40.93	0/36.17	0/43.59
POLY-3 PERCENT (g)	0%	7.3%	0%	0%
TERMINAL (d)	0/21 (0%)	3/29 (10%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	---	729 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.320N	P=0.182	(e)	(e)
POLY 3	P=0.305N	P=0.116	(e)	(e)
POLY 1.5	P=0.309N	P=0.116	(e)	(e)
POLY 6	P=0.292N	P=0.119	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.182	(e)	(e)
COCH-ARM / FISHERS	P=0.312N	P=0.121	(e)	(e)
ORDER RESTRICTED	P=0.151N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.164N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/41.91	3/40.93	1/36.48	1/43.66
POLY-3 PERCENT (g)	2.4%	7.3%	2.7%	2.3%
TERMINAL (d)	0/21 (0%)	3/29 (10%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	570	729 (T)	643	712

STATISTICAL TESTS

LIFE TABLE	P=0.428N	P=0.388	P=0.710	P=0.717N
POLY 3	P=0.437N	P=0.296	P=0.729	P=0.752N
POLY 1.5	P=0.442N	P=0.298	P=0.742	P=0.756N
POLY 6	P=0.423N	P=0.300	P=0.714	P=0.743N
LOGISTIC REGRESSION	P=0.436N	P=0.302	P=0.726N	P=0.751
COCH-ARM / FISHERS	P=0.444N	P=0.309	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.417N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.428N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Skin
 Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/41.91	4/41.21	1/36.48	1/43.66
POLY-3 PERCENT (g)	2.4%	9.7%	2.7%	2.3%
TERMINAL (d)	0/21 (0%)	3/29 (10%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	570	654	643	712

STATISTICAL TESTS

LIFE TABLE	P=0.362N	P=0.236	P=0.710	P=0.717N
POLY 3	P=0.364N	P=0.172	P=0.729	P=0.752N
POLY 1.5	P=0.370N	P=0.174	P=0.742	P=0.756N
POLY 6	P=0.349N	P=0.177	P=0.714	P=0.743N
LOGISTIC REGRESSION	P=0.367N	P=0.177	P=0.726N	P=0.751
COCH-ARM / FISHERS	P=0.373N	P=0.181	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.304N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.317N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Skin
 Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	4/50 (8%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/42.16	4/41.21	2/36.48	1/43.66
POLY-3 PERCENT (g)	4.7%	9.7%	5.5%	2.3%
TERMINAL (d)	0/21 (0%)	3/29 (10%)	1/14 (7%)	0/24 (0%)
FIRST INCIDENCE	570	654	643	712

STATISTICAL TESTS

LIFE TABLE	P=0.259N	P=0.398	P=0.581	P=0.449N
POLY 3	P=0.253N	P=0.326	P=0.641	P=0.488N
POLY 1.5	P=0.259N	P=0.328	P=0.663	P=0.494N
POLY 6	P=0.241N	P=0.331	P=0.614	P=0.476N
LOGISTIC REGRESSION	P=0.257N	P=0.335	P=0.689N	P=0.517N
COCH-ARM / FISHERS	P=0.263N	P=0.339	P=0.691N	P=0.500N
ORDER RESTRICTED	P=0.243N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.255N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Fibroma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/41.61	0/40.93	2/36.48	1/43.61
POLY-3 PERCENT (g)	2.4%	0%	5.5%	2.3%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	669	---	654	724

STATISTICAL TESTS

LIFE TABLE	P=0.521	P=0.511N	P=0.394	P=0.733N
POLY 3	P=0.527	P=0.503N	P=0.454	P=0.750N
POLY 1.5	P=0.516	P=0.503N	P=0.472	P=0.755N
POLY 6	P=0.543	P=0.500N	P=0.433	P=0.741N
LOGISTIC REGRESSION	P=0.511	P=0.499N	P=0.464	P=0.756N
COCH-ARM / FISHERS	P=0.500	P=0.500N	P=0.500	P=0.753N
ORDER RESTRICTED	P=0.351	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.365	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/41.92	0/40.93	2/36.48	1/43.61
POLY-3 PERCENT (g)	7.2%	0%	5.5%	2.3%
TERMINAL (d)	1/21 (5%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	645	---	654	724

STATISTICAL TESTS

LIFE TABLE	P=0.329N	P=0.111N	P=0.647N	P=0.272N
POLY 3	P=0.324N	P=0.122N	P=0.563N	P=0.291N
POLY 1.5	P=0.329N	P=0.122N	P=0.538N	P=0.298N
POLY 6	P=0.316N	P=0.120N	P=0.594N	P=0.278N
LOGISTIC REGRESSION	P=0.328N	P=0.121N	P=0.553N	P=0.296N
COCH-ARM / FISHERS	P=0.337N	P=0.121N	P=0.500N	P=0.309N
ORDER RESTRICTED	P=0.171N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.183N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Skin
 Fibrosarcoma

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/41.69	0/40.93	0/36.17	0/43.59
POLY-3 PERCENT (g)	4.8%	0%	0%	0%
TERMINAL (d)	1/21 (5%)	0/29 (0%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	645	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.124N	P=0.210N	P=0.325N	P=0.220N
POLY 3	P=0.116N	P=0.241N	P=0.270N	P=0.227N
POLY 1.5	P=0.115N	P=0.241N	P=0.256N	P=0.232N
POLY 6	P=0.118N	P=0.237N	P=0.287N	P=0.219N
LOGISTIC REGRESSION	P=0.115N	P=0.239N	P=0.264N	P=0.235N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.027N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.032N*	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Testes
 Adenoma**

TUMOR RATES

OVERALL (a)	30/50 (60%)	29/50 (58%)	31/50 (62%)	33/50 (66%)
POLY-3 RATE (b)	30/45.35	29/42.94	31/40.74	33/45.59
POLY-3 PERCENT (g)	66.2%	67.5%	76.1%	72.4%
TERMINAL (d)	15/21 (71%)	21/29 (72%)	13/14 (93%)	17/24 (71%)
FIRST INCIDENCE	533	584	554	620

STATISTICAL TESTS

LIFE TABLE	P=0.392	P=0.150N	P=0.052	P=0.441N
POLY 3	P=0.244	P=0.536	P=0.201	P=0.332
POLY 1.5	P=0.243	P=0.583	P=0.311	P=0.330
POLY 6	P=0.267	P=0.507	P=0.111	P=0.357
LOGISTIC REGRESSION	P=0.347	P=0.556N	P=0.160	P=0.446
COCH-ARM / FISHERS	P=0.254	P=0.500N	P=0.500	P=0.339
ORDER RESTRICTED	P=0.289	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.295	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Thyroid Gland: C-Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	10/50 (20%)	9/50 (18%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	10/42.5	9/41.91	8/37.74	8/43.9
POLY-3 PERCENT (g)	23.5%	21.5%	21.2%	18.2%
TERMINAL (d)	5/21 (24%)	7/29 (24%)	2/14 (14%)	5/24 (21%)
FIRST INCIDENCE	570	502	596	669

STATISTICAL TESTS

LIFE TABLE	P=0.319N	P=0.309N	P=0.525	P=0.282N
POLY 3	P=0.315N	P=0.514N	P=0.507N	P=0.366N
POLY 1.5	P=0.328N	P=0.512N	P=0.464N	P=0.381N
POLY 6	P=0.291N	P=0.501N	P=0.555N	P=0.338N
LOGISTIC REGRESSION	P=0.302N	P=0.509N	P=0.519N	P=0.326N
COCH-ARM / FISHERS	P=0.341N	P=0.500N	P=0.398N	P=0.398N
ORDER RESTRICTED	P=0.427N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.436N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Thyroid Gland: C-Cell
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	11/50 (22%)	9/50 (18%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	11/42.5	9/41.91	8/37.74	8/43.9
POLY-3 PERCENT (g)	25.9%	21.5%	21.2%	18.2%
TERMINAL (d)	6/21 (29%)	7/29 (24%)	2/14 (14%)	5/24 (21%)
FIRST INCIDENCE	570	502	596	669

STATISTICAL TESTS

LIFE TABLE	P=0.252N	P=0.219N	P=0.591N	P=0.203N
POLY 3	P=0.241N	P=0.412N	P=0.409N	P=0.273N
POLY 1.5	P=0.254N	P=0.412N	P=0.367N	P=0.289N
POLY 6	P=0.220N	P=0.397N	P=0.455N	P=0.246N
LOGISTIC REGRESSION	P=0.231N	P=0.409N	P=0.432N	P=0.233N
COCH-ARM / FISHERS	P=0.267N	P=0.402N	P=0.306N	P=0.306N
ORDER RESTRICTED	P=0.298N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.309N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/41.38	0/40.93	1/36.17	1/43.64
POLY-3 PERCENT (g)	0%	0%	2.8%	2.3%
TERMINAL (d)	0/21 (0%)	0/29 (0%)	1/14 (7%)	0/24 (0%)
FIRST INCIDENCE	---	---	729 (T)	717

STATISTICAL TESTS

LIFE TABLE	P=0.261	(e)	P=0.419	P=0.560
POLY 3	P=0.255	(e)	P=0.473	P=0.511
POLY 1.5	P=0.247	(e)	P=0.484	P=0.505
POLY 6	P=0.268	(e)	P=0.460	P=0.520
LOGISTIC REGRESSION	P=0.272	(e)	P=0.419	P=0.532
COCH-ARM / FISHERS	P=0.236	(e)	P=0.500	P=0.500
ORDER RESTRICTED	P=0.226	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.240	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/41.69	1/40.93	2/37.02	1/43.63
POLY-3 PERCENT (g)	2.4%	2.4%	5.4%	2.3%
TERMINAL (d)	0/21 (0%)	1/29 (3%)	0/14 (0%)	0/24 (0%)
FIRST INCIDENCE	645	729 (T)	414	719

STATISTICAL TESTS

LIFE TABLE	P=0.610	P=0.731N	P=0.428	P=0.724N
POLY 3	P=0.615	P=0.757	P=0.459	P=0.751N
POLY 1.5	P=0.604	P=0.757	P=0.476	P=0.755N
POLY 6	P=0.621N	P=0.761	P=0.437	P=0.742N
LOGISTIC REGRESSION	P=0.585	P=0.761	P=0.583	P=0.763
COCH-ARM / FISHERS	P=0.591	P=0.753N	P=0.500	P=0.753N
ORDER RESTRICTED	P=0.565	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.571	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

All Organs
 Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated

TUMOR RATES	#	#	#	#
OVERALL (a)	17/50 (34%)	14/50 (28%)	19/50 (38%)	12/50 (24%)
POLY-3 RATE (b)	17/44.36	14/43.97	19/41.54	12/45.19
POLY-3 PERCENT (g)	38.3%	31.8%	45.7%	26.6%
TERMINAL (d)	5/21 (24%)	6/29 (21%)	4/14 (29%)	6/24 (25%)
FIRST INCIDENCE	533	478	371	423

STATISTICAL TESTS

LIFE TABLE	P=0.220N	P=0.245N	P=0.139	P=0.130N
POLY 3	P=0.188N	P=0.338N	P=0.313	P=0.165N
POLY 1.5	P=0.199N	P=0.340N	P=0.351	P=0.174N
POLY 6	P=0.178N	P=0.323N	P=0.280	P=0.153N
LOGISTIC REGRESSION	P=0.222N	P=0.332N	P=0.398	P=0.188N
COCH-ARM / FISHERS	P=0.219N	P=0.333N	P=0.418	P=0.189N
ORDER RESTRICTED	P=0.174N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.181N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

All Organs
 Mesothelioma: Benign, Malignant, NOS

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/41.66	3/40.93	2/36.48	1/43.65
POLY-3 PERCENT (g)	4.8%	7.3%	5.5%	2.3%
TERMINAL (d)	1/21 (5%)	3/29 (10%)	1/14 (7%)	0/24 (0%)
FIRST INCIDENCE	655	729 (T)	643	716

STATISTICAL TESTS

LIFE TABLE	P=0.312N	P=0.607	P=0.551	P=0.447N
POLY 3	P=0.298N	P=0.492	P=0.646	P=0.484N
POLY 1.5	P=0.306N	P=0.493	P=0.665	P=0.492N
POLY 6	P=0.283N	P=0.499	P=0.622	P=0.470N
LOGISTIC REGRESSION	P=0.288N	P=0.520	P=0.645	P=0.483N
COCH-ARM / FISHERS	P=0.313N	P=0.500	P=0.691N	P=0.500N
ORDER RESTRICTED	P=0.327N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.343N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Mesothelioma: Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/41.66	3/40.93	2/36.48	1/43.65
POLY-3 PERCENT (g)	4.8%	7.3%	5.5%	2.3%
TERMINAL (d)	1/21 (5%)	3/29 (10%)	1/14 (7%)	0/24 (0%)
FIRST INCIDENCE	655	729 (T)	643	716

STATISTICAL TESTS

LIFE TABLE	P=0.312N	P=0.607	P=0.551	P=0.447N
POLY 3	P=0.298N	P=0.492	P=0.646	P=0.484N
POLY 1.5	P=0.306N	P=0.493	P=0.665	P=0.492N
POLY 6	P=0.283N	P=0.499	P=0.622	P=0.470N
LOGISTIC REGRESSION	P=0.288N	P=0.520	P=0.645	P=0.483N
COCH-ARM / FISHERS	P=0.313N	P=0.500	P=0.691N	P=0.500N
ORDER RESTRICTED	P=0.327N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.343N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	49/50 (98%)	45/50 (90%)	47/50 (94%)	46/50 (92%)
POLY-3 RATE (b)	49/49.22	45/46.55	47/47.37	46/48.05
POLY-3 PERCENT (g)	99.6%	96.7%	99.2%	95.7%
TERMINAL (d)	21/21 (100%)	29/29 (100%)	14/14 (100%)	23/24 (96%)
FIRST INCIDENCE	316	502	426	485

STATISTICAL TESTS

LIFE TABLE	P=0.302N	P=0.049N*	P=0.067	P=0.104N
POLY 3	P=0.170N	P=0.339N	P=0.995N	P=0.251N
POLY 1.5	P=0.202N	P=0.182N	P=0.704N	P=0.209N
POLY 6	P=0.156N	P=0.647N	P=1.000N	P=0.312N
LOGISTIC REGRESSION	P=0.142N	P=0.144N	P=0.675N	P=0.118N
COCH-ARM / FISHERS	P=0.264N	P=0.102N	P=0.309N	P=0.181N
ORDER RESTRICTED	P=0.069N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.076N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Malignant Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	26/50 (52%)	18/50 (36%)	26/50 (52%)	19/50 (38%)
POLY-3 RATE (b)	26/46.13	18/44.82	26/43.97	19/46.48
POLY-3 PERCENT (g)	56.4%	40.2%	59.1%	40.9%
TERMINAL (d)	9/21 (43%)	9/29 (31%)	5/14 (36%)	8/24 (33%)
FIRST INCIDENCE	316	386	371	367

STATISTICAL TESTS

LIFE TABLE	P=0.204N	P=0.053N	P=0.176	P=0.074N
POLY 3	P=0.163N	P=0.085N	P=0.478	P=0.095N
POLY 1.5	P=0.175N	P=0.084N	P=0.510	P=0.102N
POLY 6	P=0.152N	P=0.084N	P=0.454	P=0.088N
LOGISTIC REGRESSION	P=0.213N	P=0.075N	P=0.549N	P=0.126N
COCH-ARM / FISHERS	P=0.200N	P=0.079N	P=0.579N	P=0.114N
ORDER RESTRICTED	P=0.091N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.096N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Malignant and Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	49/50 (98%)	47/50 (94%)	49/50 (98%)	49/50 (98%)
POLY-3 RATE (b)	49/49.22	47/48.12	49/49.06	49/50
POLY-3 PERCENT (g)	99.6%	97.7%	99.9%	98%
TERMINAL (d)	21/21 (100%)	29/29 (100%)	14/14 (100%)	23/24 (96%)
FIRST INCIDENCE	316	386	371	367

STATISTICAL TESTS

LIFE TABLE	P=0.444N	P=0.093N	P=0.042*	P=0.207N
POLY 3	P=0.498N	P=0.539N	P=1.000	P=0.589N
POLY 1.5	P=0.638N	P=0.418N	P=0.926	P=0.667N
POLY 6	P=0.359N	P=0.716N	P=1.000	P=0.524N
LOGISTIC REGRESSION	P=0.478	P=0.396N	P=0.614	P=0.744N
COCH-ARM / FISHERS	P=0.444	P=0.309N	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.325N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	2/43.84	0/28.95
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	526	---

STATISTICAL TESTS

LIFE TABLE	P=0.547	(e)	P=0.281	(e)
POLY 3	P=0.397	(e)	P=0.273	(e)
POLY 1.5	P=0.417	(e)	P=0.258	(e)
POLY 6	P=0.401	(e)	P=0.294	(e)
LOGISTIC REGRESSION	P=0.659	(e)	P=0.169	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.291	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.341	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Adrenal Medulla
 Pheochromocytoma Benign**

TUMOR RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/37.57	1/42.01	0/42.88	2/29.01
POLY-3 PERCENT (g)	2.7%	2.4%	0%	6.9%
TERMINAL (d)	1/19 (5%)	1/30 (3%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	730 (T)	730 (T)	---	716

STATISTICAL TESTS

LIFE TABLE	P=0.302	P=0.657N	P=0.423N	P=0.470
POLY 3	P=0.332	P=0.736N	P=0.474N	P=0.411
POLY 1.5	P=0.329	P=0.745N	P=0.484N	P=0.414
POLY 6	P=0.339	P=0.721N	P=0.460N	P=0.424
LOGISTIC REGRESSION	P=0.295	P=0.657N	(e)	P=0.447
COCH-ARM / FISHERS	P=0.366	P=0.753N	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.172	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.220	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Adrenal Medulla
 Pheochromocytoma: Benign, Complex, Malignant, NOS

TUMOR RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/37.57	2/42.44	0/42.88	2/29.01
POLY-3 PERCENT (g)	2.7%	4.7%	0%	6.9%
TERMINAL (d)	1/19 (5%)	1/30 (3%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	730 (T)	606	---	716

STATISTICAL TESTS

LIFE TABLE	P=0.407	P=0.629	P=0.423N	P=0.470
POLY 3	P=0.423	P=0.542	P=0.474N	P=0.411
POLY 1.5	P=0.418	P=0.526	P=0.484N	P=0.414
POLY 6	P=0.438	P=0.567	P=0.460N	P=0.424
LOGISTIC REGRESSION	P=0.382	P=0.532	(e)	P=0.447
COCH-ARM / FISHERS	P=0.469	P=0.500	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.280	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.329	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

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 Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Brain
 Oligodendroglioma, Glioma, or Astrocytoma

TUMOR RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/38.13	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	2.6%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	553	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.335N	P=0.473N	P=0.477N	P=0.562N
POLY 3	P=0.258N	P=0.481N	P=0.477N	P=0.554N
POLY 1.5	P=0.264N	P=0.488N	P=0.486N	P=0.551N
POLY 6	P=0.260N	P=0.470N	P=0.464N	P=0.549N
LOGISTIC REGRESSION	P=0.239N	P=0.569N	P=0.575N	P=0.481N
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.175N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.227N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Clitoral/Preputial Gland
 Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	4/50 (8%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	2/37.57	4/42.01	5/43.5	3/29.16
POLY-3 PERCENT (g)	5.3%	9.5%	11.5%	10.3%
TERMINAL (d)	2/19 (11%)	4/30 (13%)	3/28 (11%)	2/18 (11%)
FIRST INCIDENCE	730 (T)	730 (T)	561	674

STATISTICAL TESTS

LIFE TABLE	P=0.352	P=0.561	P=0.377	P=0.463
POLY 3	P=0.285	P=0.389	P=0.279	P=0.386
POLY 1.5	P=0.289	P=0.369	P=0.253	P=0.389
POLY 6	P=0.309	P=0.420	P=0.317	P=0.405
LOGISTIC REGRESSION	P=0.323	P=0.561	P=0.288	P=0.417
COCH-ARM / FISHERS	P=0.463	P=0.339	P=0.218	P=0.500
ORDER RESTRICTED	P=0.369	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.412	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
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 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Clitoral/Preputial Gland
 Carcinoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/37.57	0/42.01	2/42.88	1/29.16
POLY-3 PERCENT (g)	0%	0%	4.7%	3.4%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	---	---	730 (T)	674

STATISTICAL TESTS

LIFE TABLE	P=0.190	(e)	P=0.327	P=0.462
POLY 3	P=0.142	(e)	P=0.267	P=0.450
POLY 1.5	P=0.149	(e)	P=0.255	P=0.451
POLY 6	P=0.146	(e)	P=0.285	P=0.459
LOGISTIC REGRESSION	P=0.181	(e)	P=0.327	P=0.455
COCH-ARM / FISHERS	P=0.246	(e)	P=0.247	P=0.500
ORDER RESTRICTED	P=0.206	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.228	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Clitoral/Preputial Gland
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	4/50 (8%)	7/50 (14%)	4/50 (8%)
POLY-3 RATE (b)	2/37.57	4/42.01	7/43.5	4/29.38
POLY-3 PERCENT (g)	5.3%	9.5%	16.1%	13.6%
TERMINAL (d)	2/19 (11%)	4/30 (13%)	5/28 (18%)	2/18 (11%)
FIRST INCIDENCE	730 (T)	730 (T)	561	674

STATISTICAL TESTS

LIFE TABLE	P=0.177	P=0.561	P=0.195	P=0.292
POLY 3	P=0.131	P=0.389	P=0.117	P=0.230
POLY 1.5	P=0.134	P=0.369	P=0.101	P=0.232
POLY 6	P=0.148	P=0.420	P=0.144	P=0.249
LOGISTIC REGRESSION	P=0.156	P=0.561	P=0.135	P=0.244
COCH-ARM / FISHERS	P=0.289	P=0.339	P=0.080	P=0.339
ORDER RESTRICTED	P=0.189	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.210	(e)	(e)	(e)

TDMS No. 99028 - 05
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 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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 CAS Number: 111-91-1

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 Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Heart
 Schwannoma Benign

TUMOR RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	1/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/19 (0%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.600N	P=0.591	(e)	(e)
POLY 3	P=0.536N	P=0.522	(e)	(e)
POLY 1.5	P=0.550N	P=0.514	(e)	(e)
POLY 6	P=0.521N	P=0.535	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.591	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.449N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.485N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Islets, Pancreatic
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	1/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/19 (0%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.600N	P=0.591	(e)	(e)
POLY 3	P=0.536N	P=0.522	(e)	(e)
POLY 1.5	P=0.550N	P=0.514	(e)	(e)
POLY 6	P=0.521N	P=0.535	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.591	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.449N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.485N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 bis(2-Chloroethoxy)methane
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 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Islets, Pancreatic
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/37.57	1/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	2.7%	2.4%	0%	0%
TERMINAL (d)	1/19 (5%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.239N	P=0.657N	P=0.423N	P=0.511N
POLY 3	P=0.222N	P=0.736N	P=0.474N	P=0.551N
POLY 1.5	P=0.229N	P=0.745N	P=0.484N	P=0.550N
POLY 6	P=0.216N	P=0.721N	P=0.460N	P=0.544N
LOGISTIC REGRESSION	P=0.239N	P=0.657N	(e)	(e)
COCH-ARM / FISHERS	P=0.236N	P=0.753N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.307N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.356N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

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 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lung
 Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/37.57	0/42.01	3/43.21	2/30.02
POLY-3 PERCENT (g)	0%	0%	6.9%	6.7%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	---	---	637	213

STATISTICAL TESTS

LIFE TABLE	P=0.059	(e)	P=0.191	P=0.208
POLY 3	P=0.045*	(e)	P=0.145	P=0.190
POLY 1.5	P=0.048*	(e)	P=0.134	P=0.191
POLY 6	P=0.048*	(e)	P=0.162	P=0.199
LOGISTIC REGRESSION	P=0.109	(e)	P=0.145	P=0.310
COCH-ARM / FISHERS	P=0.097	(e)	P=0.121	P=0.247
ORDER RESTRICTED	P=0.107	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.070	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

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 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/37.57	0/42.01	3/43.21	2/30.02
POLY-3 PERCENT (g)	0%	0%	6.9%	6.7%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	2/28 (7%)	0/18 (0%)
FIRST INCIDENCE	---	---	637	213

STATISTICAL TESTS

LIFE TABLE	P=0.059	(e)	P=0.191	P=0.208
POLY 3	P=0.045*	(e)	P=0.145	P=0.190
POLY 1.5	P=0.048*	(e)	P=0.134	P=0.191
POLY 6	P=0.048*	(e)	P=0.162	P=0.199
LOGISTIC REGRESSION	P=0.109	(e)	P=0.145	P=0.310
COCH-ARM / FISHERS	P=0.097	(e)	P=0.121	P=0.247
ORDER RESTRICTED	P=0.107	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.070	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/38.17	2/42.45	1/42.88	0/28.95
POLY-3 PERCENT (g)	2.6%	4.7%	2.3%	0%
TERMINAL (d)	0/19 (0%)	1/30 (3%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	539	603	730 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.281N	P=0.583	P=0.707N	P=0.559N
POLY 3	P=0.299N	P=0.537	P=0.734N	P=0.554N
POLY 1.5	P=0.301N	P=0.523	P=0.745N	P=0.551N
POLY 6	P=0.287N	P=0.558	P=0.720N	P=0.549N
LOGISTIC REGRESSION	P=0.258N	P=0.458	P=0.744	P=0.471N
COCH-ARM / FISHERS	P=0.247N	P=0.500	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.307N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.358N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/38.17	3/42.45	1/42.88	1/29.16
POLY-3 PERCENT (g)	2.6%	7.1%	2.3%	3.4%
TERMINAL (d)	0/19 (0%)	2/30 (7%)	1/28 (4%)	0/18 (0%)
FIRST INCIDENCE	539	603	730 (T)	674

STATISTICAL TESTS

LIFE TABLE	P=0.517N	P=0.416	P=0.707N	P=0.706
POLY 3	P=0.503N	P=0.344	P=0.734N	P=0.697
POLY 1.5	P=0.508N	P=0.329	P=0.745N	P=0.700
POLY 6	P=0.484N	P=0.366	P=0.720N	P=0.707
LOGISTIC REGRESSION	P=0.504N	P=0.288	P=0.744	P=0.754
COCH-ARM / FISHERS	P=0.444N	P=0.309	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.532N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.559N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 bis(2-Chloroethoxy)methane
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 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG
Mammary Gland Fibroadenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	16/50 (32%)	22/50 (44%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	16/40.41	22/45.62	18/44.11	16/29.93
POLY-3 PERCENT (g)	39.6%	48.2%	40.8%	53.5%
TERMINAL (d)	9/19 (47%)	12/30 (40%)	11/28 (39%)	11/18 (61%)
FIRST INCIDENCE	511	532	635	597
STATISTICAL TESTS				
LIFE TABLE	P=0.419	P=0.557N	P=0.294N	P=0.443
POLY 3	P=0.240	P=0.275	P=0.544	P=0.177
POLY 1.5	P=0.275	P=0.220	P=0.496	P=0.214
POLY 6	P=0.242	P=0.370	P=0.573N	P=0.180
LOGISTIC REGRESSION	P=0.296	P=0.204	P=0.572N	P=0.246
COCH-ARM / FISHERS	P=0.383N	P=0.151	P=0.417	P=0.585N
ORDER RESTRICTED	P=0.219	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.274	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Fibroma, Fibroadenoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	16/50 (32%)	22/50 (44%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	16/40.41	22/45.62	18/44.11	16/29.93
POLY-3 PERCENT (g)	39.6%	48.2%	40.8%	53.5%
TERMINAL (d)	9/19 (47%)	12/30 (40%)	11/28 (39%)	11/18 (61%)
FIRST INCIDENCE	511	532	635	597

STATISTICAL TESTS

LIFE TABLE	P=0.419	P=0.557N	P=0.294N	P=0.443
POLY 3	P=0.240	P=0.275	P=0.544	P=0.177
POLY 1.5	P=0.275	P=0.220	P=0.496	P=0.214
POLY 6	P=0.242	P=0.370	P=0.573N	P=0.180
LOGISTIC REGRESSION	P=0.296	P=0.204	P=0.572N	P=0.246
COCH-ARM / FISHERS	P=0.383N	P=0.151	P=0.417	P=0.585N
ORDER RESTRICTED	P=0.219	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.274	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Mammary Gland
 Fibroma, Fibroadenoma, Carcinoma, or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	17/50 (34%)	23/50 (46%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	17/41.01	23/46.06	18/44.11	16/29.93
POLY-3 PERCENT (g)	41.5%	49.9%	40.8%	53.5%
TERMINAL (d)	9/19 (47%)	12/30 (40%)	11/28 (39%)	11/18 (61%)
FIRST INCIDENCE	511	532	635	597

STATISTICAL TESTS

LIFE TABLE	P=0.510	P=0.545N	P=0.231N	P=0.516
POLY 3	P=0.304	P=0.279	P=0.564N	P=0.221
POLY 1.5	P=0.350	P=0.223	P=0.572	P=0.269
POLY 6	P=0.298	P=0.374	P=0.511N	P=0.217
LOGISTIC REGRESSION	P=0.393	P=0.188	P=0.514N	P=0.312
COCH-ARM / FISHERS	P=0.293N	P=0.154	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.275	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.333	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES

OVERALL (a)	22/50 (44%)	28/50 (56%)	24/50 (48%)	18/50 (36%)
POLY-3 RATE (b)	22/41.73	28/45.8	24/44.89	18/32.59
POLY-3 PERCENT (g)	52.7%	61.1%	53.5%	55.2%
TERMINAL (d)	8/19 (42%)	16/30 (53%)	15/28 (54%)	7/18 (39%)
FIRST INCIDENCE	539	388	526	464

STATISTICAL TESTS

LIFE TABLE	P=0.404N	P=0.416N	P=0.232N	P=0.487N
POLY 3	P=0.518N	P=0.275	P=0.560	P=0.508
POLY 1.5	P=0.511N	P=0.229	P=0.511	P=0.512
POLY 6	P=0.451N	P=0.352	P=0.560N	P=0.588
LOGISTIC REGRESSION	P=0.504N	P=0.240	P=0.550N	P=0.516
COCH-ARM / FISHERS	P=0.125N	P=0.159	P=0.421	P=0.270N
ORDER RESTRICTED	P=0.578	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.598	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Basal Cell Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Females			
DOSE	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Skin
 Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Skin
 Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Fibroma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/37.57	1/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	5.3%	2.4%	0%	0%
TERMINAL (d)	2/19 (11%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.094N	P=0.342N	P=0.157N	P=0.249N
POLY 3	P=0.095N	P=0.461N	P=0.209N	P=0.299N
POLY 1.5	P=0.098N	P=0.476N	P=0.220N	P=0.297N
POLY 6	P=0.093N	P=0.439N	P=0.194N	P=0.288N
LOGISTIC REGRESSION	P=0.094N	P=0.342N	(e)	(e)
COCH-ARM / FISHERS	P=0.101N	P=0.500N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.117N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.150N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/37.57	2/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	5.3%	4.8%	0%	0%
TERMINAL (d)	2/19 (11%)	2/30 (7%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.081N	P=0.522N	P=0.157N	P=0.249N
POLY 3	P=0.087N	P=0.654N	P=0.209N	P=0.299N
POLY 1.5	P=0.091N	P=0.669N	P=0.220N	P=0.297N
POLY 6	P=0.081N	P=0.630N	P=0.194N	P=0.288N
LOGISTIC REGRESSION	P=0.081N	P=0.522N	(e)	(e)
COCH-ARM / FISHERS	P=0.086N	P=0.691N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.167N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.136N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Skin
 Fibrosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	1/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/19 (0%)	1/30 (3%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	730 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.600N	P=0.591	(e)	(e)
POLY 3	P=0.536N	P=0.522	(e)	(e)
POLY 1.5	P=0.550N	P=0.514	(e)	(e)
POLY 6	P=0.521N	P=0.535	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.591	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.449N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.485N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Thyroid Gland: C-Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	6/50 (12%)	11/50 (22%)	11/50 (22%)	2/50 (4%)
POLY-3 RATE (b)	6/37.97	11/42.09	11/43.86	2/28.95
POLY-3 PERCENT (g)	15.8%	26.1%	25.1%	6.9%
TERMINAL (d)	2/19 (11%)	10/30 (33%)	4/28 (14%)	2/18 (11%)
FIRST INCIDENCE	672	711	616	730 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.131N	P=0.441	P=0.392	P=0.177N
POLY 3	P=0.243N	P=0.194	P=0.223	P=0.235N
POLY 1.5	P=0.238N	P=0.174	P=0.188	P=0.231N
POLY 6	P=0.213N	P=0.226	P=0.280	P=0.220N
LOGISTIC REGRESSION	P=0.143N	P=0.300	P=0.263	P=0.193N
COCH-ARM / FISHERS	P=0.080N	P=0.143	P=0.143	P=0.134N
ORDER RESTRICTED	P=0.101N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.146N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Thyroid Gland: C-Cell
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	6/50 (12%)	11/50 (22%)	11/50 (22%)	2/50 (4%)
POLY-3 RATE (b)	6/37.97	11/42.09	11/43.86	2/28.95
POLY-3 PERCENT (g)	15.8%	26.1%	25.1%	6.9%
TERMINAL (d)	2/19 (11%)	10/30 (33%)	4/28 (14%)	2/18 (11%)
FIRST INCIDENCE	672	711	616	730 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.131N	P=0.441	P=0.392	P=0.177N
POLY 3	P=0.243N	P=0.194	P=0.223	P=0.235N
POLY 1.5	P=0.238N	P=0.174	P=0.188	P=0.231N
POLY 6	P=0.213N	P=0.226	P=0.280	P=0.220N
LOGISTIC REGRESSION	P=0.143N	P=0.300	P=0.263	P=0.193N
COCH-ARM / FISHERS	P=0.080N	P=0.143	P=0.143	P=0.134N
ORDER RESTRICTED	P=0.101N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.146N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

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

TUMOR RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/37.75	1/42.08	0/42.88	0/28.95
POLY-3 PERCENT (g)	5.3%	2.4%	0%	0%
TERMINAL (d)	1/19 (5%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	683	714	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.104N	P=0.391N	P=0.179N	P=0.276N
POLY 3	P=0.095N	P=0.462N	P=0.210N	P=0.300N
POLY 1.5	P=0.098N	P=0.477N	P=0.220N	P=0.298N
POLY 6	P=0.093N	P=0.442N	P=0.196N	P=0.291N
LOGISTIC REGRESSION	P=0.109N	P=0.436N	P=0.194N	P=0.285N
COCH-ARM / FISHERS	P=0.101N	P=0.500N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.118N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.150N	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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

Date Report Requested: 11/12/2007
 Time Report Requested: 14:57:37
 First Dose M/F: 09/16/02 / 09/17/02
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Uterus
 Polyp Stromal**

TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	5/50 (10%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	5/38.51	5/42.49	8/44.18	5/30.28
POLY-3 PERCENT (g)	13%	11.8%	18.1%	16.5%
TERMINAL (d)	2/19 (11%)	4/30 (13%)	4/28 (14%)	2/18 (11%)
FIRST INCIDENCE	614	586	561	378

STATISTICAL TESTS

LIFE TABLE	P=0.371	P=0.397N	P=0.516	P=0.539
POLY 3	P=0.306	P=0.568N	P=0.369	P=0.473
POLY 1.5	P=0.310	P=0.591N	P=0.331	P=0.475
POLY 6	P=0.328	P=0.536N	P=0.422	P=0.500
LOGISTIC REGRESSION	P=0.365	P=0.573N	P=0.313	P=0.502
COCH-ARM / FISHERS	P=0.515	P=0.630N	P=0.277	P=0.630N
ORDER RESTRICTED	P=0.463	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.488	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 bis(2-Chloroethoxy)methane
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Uterus
 Sarcoma Stromal**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/37.75	1/42.01	1/43.45	2/29.34
POLY-3 PERCENT (g)	2.7%	2.4%	2.3%	6.8%
TERMINAL (d)	0/19 (0%)	1/30 (3%)	0/28 (0%)	1/18 (6%)
FIRST INCIDENCE	683	730 (T)	550	620

STATISTICAL TESTS

LIFE TABLE	P=0.276	P=0.691N	P=0.724N	P=0.454
POLY 3	P=0.281	P=0.737N	P=0.729N	P=0.413
POLY 1.5	P=0.281	P=0.746N	P=0.741N	P=0.415
POLY 6	P=0.289	P=0.723N	P=0.711N	P=0.428
LOGISTIC REGRESSION	P=0.298	P=0.726N	P=0.733	P=0.419
COCH-ARM / FISHERS	P=0.351	P=0.753N	P=0.753N	P=0.500
ORDER RESTRICTED	P=0.284	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.332	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 CAS Number: 111-91-1

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Uterus
 Sarcoma Stromal or Polyp Stromal**

TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	6/50 (12%)	9/50 (18%)	7/50 (14%)
POLY-3 RATE (b)	6/38.69	6/42.49	9/44.75	7/30.67
POLY-3 PERCENT (g)	15.5%	14.1%	20.1%	22.8%
TERMINAL (d)	2/19 (11%)	5/30 (17%)	4/28 (14%)	3/18 (17%)
FIRST INCIDENCE	614	586	550	378

STATISTICAL TESTS

LIFE TABLE	P=0.240	P=0.370N	P=0.532	P=0.400
POLY 3	P=0.205	P=0.554N	P=0.398	P=0.322
POLY 1.5	P=0.205	P=0.578N	P=0.353	P=0.323
POLY 6	P=0.228	P=0.523N	P=0.458	P=0.352
LOGISTIC REGRESSION	P=0.240	P=0.547N	P=0.302	P=0.340
COCH-ARM / FISHERS	P=0.391	P=0.620N	P=0.288	P=0.500
ORDER RESTRICTED	P=0.332	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.332	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 bis(2-Chloroethoxy)methane
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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

All Organs
 Hemangiosarcoma or Hemangioma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 bis(2-Chloroethoxy)methane
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

All Organs
 Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated

TUMOR RATES	#	#	#	#
OVERALL (a)	12/50 (24%)	9/50 (18%)	12/50 (24%)	13/50 (26%)
POLY-3 RATE (b)	12/41.24	9/43.24	12/45.44	13/31.8
POLY-3 PERCENT (g)	29.1%	20.8%	26.4%	40.9%
TERMINAL (d)	3/19 (16%)	4/30 (13%)	2/28 (7%)	4/18 (22%)
FIRST INCIDENCE	519	595	561	378

STATISTICAL TESTS

LIFE TABLE	P=0.176	P=0.133N	P=0.322N	P=0.340
POLY 3	P=0.142	P=0.263N	P=0.485N	P=0.211
POLY 1.5	P=0.146	P=0.279N	P=0.525N	P=0.224
POLY 6	P=0.159	P=0.241N	P=0.428N	P=0.235
LOGISTIC REGRESSION	P=0.197	P=0.318N	P=0.540	P=0.291
COCH-ARM / FISHERS	P=0.345	P=0.312N	P=0.592N	P=0.500
ORDER RESTRICTED	P=0.116	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.161	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 bis(2-Chloroethoxy)methane
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 Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

All Organs
 Mesothelioma: Benign, Malignant, NOS

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Mesothelioma: Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/37.57	0/42.01	0/42.88	0/28.95
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/19 (0%)	0/30 (0%)	0/28 (0%)	0/18 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	37/50 (74%)	41/50 (82%)	41/50 (82%)	31/50 (62%)
POLY-3 RATE (b)	37/44.01	41/48.25	41/46.65	31/35.21
POLY-3 PERCENT (g)	84.1%	85%	87.9%	88%
TERMINAL (d)	16/19 (84%)	24/30 (80%)	25/28 (89%)	16/18 (89%)
FIRST INCIDENCE	511	388	526	213

STATISTICAL TESTS

LIFE TABLE	P=0.521N	P=0.119N	P=0.123N	P=0.474N
POLY 3	P=0.311	P=0.573	P=0.403	P=0.423
POLY 1.5	P=0.360	P=0.436	P=0.338	P=0.444
POLY 6	P=0.373	P=0.517N	P=0.504	P=0.542
LOGISTIC REGRESSION	P=0.243	P=0.414	P=0.599N	P=0.263
COCH-ARM / FISHERS	P=0.055N	P=0.235	P=0.235	P=0.142N
ORDER RESTRICTED	P=0.481	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.497	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Malignant Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	19/50 (38%)	15/50 (30%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	19/42.84	15/44.62	18/46.01	16/32.99
POLY-3 PERCENT (g)	44.4%	33.6%	39.1%	48.5%
TERMINAL (d)	5/19 (26%)	7/30 (23%)	7/28 (25%)	5/18 (28%)
FIRST INCIDENCE	519	575	550	189

STATISTICAL TESTS

LIFE TABLE	P=0.418	P=0.079N	P=0.188N	P=0.561N
POLY 3	P=0.346	P=0.205N	P=0.387N	P=0.450
POLY 1.5	P=0.364	P=0.223N	P=0.426N	P=0.479
POLY 6	P=0.366	P=0.182N	P=0.338N	P=0.474
LOGISTIC REGRESSION	P=0.502	P=0.269N	P=0.522N	P=0.582N
COCH-ARM / FISHERS	P=0.381N	P=0.263N	P=0.500N	P=0.338N
ORDER RESTRICTED	P=0.334	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.383	(e)	(e)	(e)

TDMS No. 99028 - 05
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**All Organs
 Malignant and Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	44/50 (88%)	43/50 (86%)	45/50 (90%)	34/50 (68%)
POLY-3 RATE (b)	44/47.06	43/48.71	45/48.44	34/36.65
POLY-3 PERCENT (g)	93.5%	88.3%	92.9%	92.8%
TERMINAL (d)	17/19 (90%)	25/30 (83%)	25/28 (89%)	16/18 (89%)
FIRST INCIDENCE	511	388	526	189

STATISTICAL TESTS

LIFE TABLE	P=0.396N	P=0.026N*	P=0.054N	P=0.312N
POLY 3	P=0.506	P=0.287N	P=0.620N	P=0.629N
POLY 1.5	P=0.500N	P=0.332N	P=0.651N	P=0.484N
POLY 6	P=0.517	P=0.249N	P=0.568N	P=0.626N
LOGISTIC REGRESSION	P=0.556	P=0.335N	P=0.504N	P=0.629N
COCH-ARM / FISHERS	P=0.005N**	P=0.500N	P=0.500	P=0.014N*
ORDER RESTRICTED	P=0.552N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.575N	(e)	(e)	(e)

TDMS No. 99028 - 05
Test Type: CHRONIC
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Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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Lab: BAT

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.
 - (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. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (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
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***