

**TDMS No.** 93020-03  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** RATS/F 344

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
DIISOPROPYLCARBODIIMIDE  
**CAS Number:** 693-13-0  
**Pathologist:** BIERLEY, B. - STEDHAM, M.  
Final #2/Rats

**Date Report Requested:** 08/08/2005  
**Time Report Requested:** 8:55:39  
**First Dose M/F:** 09/06/94 / 09/07/94  
**Lab:** MBA

**C Number:** C93020  
**Lock Date:** 05/16/1995  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** JAN /1 /1940 - SEP /17 /2040  
**Treatment Groups:** Include 1 0 MG/KG  
Include 4 40 MG/KG  
Include 7 0 MG/KG  
Include 10 40 MG/KG

Include 2 10 MG/KG  
Include 5 80 MG/KG  
Include 8 10 MG/KG  
Include 11 80 MG/KG

Include 3 20 MG/KG  
Include 6 160 MG/KG  
Include 9 20 MG/KG  
Include 12 160 MG/KG

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF DIISOPROPYLCARBODIIMIDE

### MALE RATS

#### Organ

Bone Marrow  
Brain

Brain: Neuron  
Heart  
Kidney  
Liver: Centrilobular

Lung  
Lung: Perivascular  
Nose: Respiratory Epithelium

Preputial Gland  
Skin: Epidermis, Skin, Site of Application

Skin: Skin, Site of Application  
Thymus

#### Morphology

Hemorrhage  
Edema Focal  
Hemorrhage  
Necrosis  
Cardiomyopathy  
Nephropathy  
Congestion  
Vacuolization Cytoplasmic  
Congestion  
Infiltration Cellular Lymphocyte  
Inflammation Chronic  
Metaplasia  
Inflammation Chronic  
Hyperplasia  
Necrosis Focal  
Inflammation Chronic  
Atrophy  
Hemorrhage  
Necrosis

### FEMALE RATS

#### Organ

Bone Marrow  
Brain

Brain: Neuron  
Clitoral Gland  
Heart  
Kidney: Medulla  
Liver: Centrilobular  
Lung

#### Morphology

Hemorrhage  
Edema Focal  
Hemorrhage  
Necrosis  
Inflammation Chronic  
Cardiomyopathy  
Mineralization  
Congestion  
Congestion

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**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF DIISOPROPYLCARBODIIMIDE**

Lung: Perivascular  
Lymph Node, Mandibular  
Nose: Respiratory Epithelium  
Skin: Epidermis, Skin, Site of Application  
  
Skin: Skin, Site of Application  
Thymus  
Uterus

Infiltration Cellular Lymphocyte  
Hyperplasia Lymphoid  
Inflammation Chronic  
Hyperplasia  
Necrosis Focal  
Inflammation Chronic  
Atrophy  
Hydrometra

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Bone Marrow  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.29	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	(e)	P=0.034*
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.042*
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.040*
LOGISTIC REGRESSION	P=0.964	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.043*	(e)	(e)	(e)	(e)	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Bone Marrow  
 Hyperplasia Focal Histiocytic**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.29	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Brain  
 Edema Focal

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/5.07	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	98.6%	99.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	24	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.500
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.243
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.247
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.243
LOGISTIC REGRESSION	P=0.105N	(e)	(e)	(e)	P=0.708	(e)
COCH-ARM / FISHERS	P=0.050*	(e)	(e)	(e)	P=0.016*	P=0.500
ORDER RESTRICTED	P=0.123	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Brain  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/1.25	4/4.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	79.9%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	32	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.186	P=0.011*
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.251	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.286	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.244	P<0.001**
LOGISTIC REGRESSION	P=0.582	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.043*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Brain: Neuron  
 Necrosis

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	8/8.03	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	99.7%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	21	---

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)
LOGISTIC REGRESSION	P<0.001N**	(e)	(e)	(e)	P=0.914	(e)
COCH-ARM / FISHERS	P=0.098	(e)	(e)	(e)	P<0.001**	(e)
ORDER RESTRICTED	P=0.829	(e)	(e)	(e)	(e)	(e)



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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG
<b>Heart</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
OVERALL (a)	4/10 (40%)	4/10 (40%)	6/10 (60%)	4/10 (40%)	5/10 (50%)	3/10 (30%)
POLY-3 RATE (b)	4/10.00	4/10.00	6/10.00	4/10.00	5/5.10	3/3.00
POLY-3 PERCENT (g)	40%	40%	60%	40%	98%	100%
TERMINAL (d)	4/10 (40%)	4/10 (40%)	6/10 (60%)	4/10 (40%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)	21	7
<b>STATISTICAL TESTS</b>						
LIFE TABLE	P<0.001**	P=0.672	P=0.331	P=0.672	P=0.003**	P=0.003**
POLY 3	P=0.047*	P=0.667	P=0.333	P=0.667	P=0.059	P=0.191
POLY 1.5	P=0.056	P=0.667	P=0.333	P=0.667	P=0.097	P=0.198
POLY 6	P=0.046*	P=0.667	P=0.333	P=0.667	P=0.053	P=0.191
LOGISTIC REGRESSION	P=0.604N	P=0.672	P=0.331	P=0.672	P=0.975	(e)
COCH-ARM / FISHERS	P=0.312N	P=0.675N	P=0.328	P=0.675N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.189	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Kidney  
 Nephropathy**

**LESION RATES**

OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	2/10.00	0/0.29	0/0.00
POLY-3 PERCENT (g)	50%	0%	0%	20%	0%	0%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.324N	P=1.000N	P=1.000N	P=0.180N	P=1.000N	P=1.000N
POLY 3	(e)	(e)	(e)	P=0.174N	P=0.622N	P=0.664N
POLY 1.5	(e)	(e)	(e)	P=0.174N	P=0.434N	P=0.647N
POLY 6	(e)	(e)	(e)	P=0.174N	P=0.662N	P=0.664N
LOGISTIC REGRESSION	P=0.324N	(e)	(e)	P=0.180N	(e)	(e)
COCH-ARM / FISHERS	P=0.005N**	P=1.000	P=1.000	P=0.175N	P=0.016N*	P=0.016N*
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Kidney: Medulla  
 Mineralization**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.29	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Liver: Centrilobular  
 Congestion

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	4/10 (40%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	4/4.11	6/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	97.3%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	24	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.003**	P=0.005**
POLY 3	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P=0.714	(e)	(e)	(e)	P=0.902	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.043*	P=0.005**
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Liver: Centrilobular  
 Vacuolization Cytoplasmic

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	1/1.28	6/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	78.4%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	24	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.429	P=0.009**
POLY 3	(e)	(e)	(e)	(e)	P=0.252	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	P=0.288	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	P=0.244	P<0.001**
LOGISTIC REGRESSION	P=0.945N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.005**
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Reqsted: 08/08/2005  
 Time Report Reqsted: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG
<b>Lung Congestion</b>						
<b>LESION RATES</b>						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	5/10 (50%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	5/5.21	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	96%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	21	4
<b>STATISTICAL TESTS</b>						
LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.006**	P<0.001**
POLY 3	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P=0.680N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.016*	P<0.001**
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Lung: Interstitium  
 Inflammation Chronic**

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00	1/1.17	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	85.5%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	---	46	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.485	P=1.000N	P=1.000N	P=0.500N	P=0.077	P=1.000N
POLY 3	(e)	(e)	(e)	P=0.500N	P=0.362	P=0.760N
POLY 1.5	(e)	(e)	(e)	P=0.500N	P=0.429	P=0.757N
POLY 6	(e)	(e)	(e)	P=0.500N	P=0.352	P=0.760N
LOGISTIC REGRESSION	P=0.757N	(e)	(e)	(e)	P=0.982	(e)
COCH-ARM / FISHERS	P=0.403N	P=1.000	P=1.000	P=0.500N	P=0.763N	P=0.500N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Lung: Perivascular  
 Infiltration Cellular Lymphocyte

**LESION RATES**

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	6/10 (60%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	6/10.00	1/1.17	0/0.00
POLY-3 PERCENT (g)	30%	0%	0%	60%	85.5%	0%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	6/10 (60%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	46	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.049*	P=1.000N	P=1.000N	P=0.190	P=0.077	P=1.000N
POLY 3	(e)	(e)	(e)	P=0.186	P=0.469	P=0.678N
POLY 1.5	(e)	(e)	(e)	P=0.186	P=0.588	P=0.668N
POLY 6	(e)	(e)	(e)	P=0.186	P=0.450	P=0.678N
LOGISTIC REGRESSION	P=0.299	(e)	(e)	P=0.190	P=0.978	(e)
COCH-ARM / FISHERS	P=0.018N*	P=1.000	P=1.000	P=0.185	P=0.291N	P=0.105N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)



TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Lymph Node, Mandibular  
 Hyperplasia Lymphoid**

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00	0/0.29	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.841N	P=1.000N	P=1.000N	P=0.500N	P=1.000N	P=1.000N
POLY 3	(e)	(e)	(e)	P=0.500N	P=0.754N	P=0.760N
POLY 1.5	(e)	(e)	(e)	P=0.500N	P=0.722N	P=0.757N
POLY 6	(e)	(e)	(e)	P=0.500N	P=0.760N	P=0.760N
LOGISTIC REGRESSION	P=0.841N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.304N	P=1.000	P=1.000	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Nose: Respiratory Epithelium  
 Inflammation Chronic**

**LESION RATES**

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	1/10 (10%)	5/10 (50%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	1/10.00	1/1.28	5/5.00
POLY-3 PERCENT (g)	30%	0%	0%	10%	78.4%	100%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	24	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=1.000N	P=1.000N	P=0.293N	P=0.429	P=0.012*
POLY 3	(e)	(e)	(e)	P=0.292N	P=0.482	P=0.021*
POLY 1.5	(e)	(e)	(e)	P=0.292N	P=0.611	P=0.023*
POLY 6	(e)	(e)	(e)	P=0.292N	P=0.452	P=0.021*
LOGISTIC REGRESSION	P=0.448	(e)	(e)	P=0.293N	(e)	(e)
COCH-ARM / FISHERS	P=0.133	P=1.000	P=1.000	P=0.291N	P=0.291N	P=0.325
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Nose: Respiratory Epithelium  
 Metaplasia

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.29	3/3.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	(e)	P=0.058
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.003**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.004**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.003**
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.105
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Preputial Gland  
 Inflammation Chronic**

**LESION RATES**

OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	2/10.00	1/1.28	4/4.00
POLY-3 PERCENT (g)	20%	0%	0%	20%	78%	100%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	21	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=1.000N	P=1.000N	P=0.707	P=0.479	P=0.051
POLY 3	(e)	(e)	(e)	P=0.702	P=0.435	P=0.022*
POLY 1.5	(e)	(e)	(e)	P=0.702	P=0.539	P=0.024*
POLY 6	(e)	(e)	(e)	P=0.702	P=0.410	P=0.022*
LOGISTIC REGRESSION	P=0.375	(e)	(e)	P=0.707	(e)	(e)
COCH-ARM / FISHERS	P=0.203	P=1.000	P=1.000	P=0.709N	P=0.500N	P=0.314
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Skin: Epidermis, Skin, Site of Application  
 Hyperplasia

**LESION RATES**

OVERALL (a)	0/10 (0%)	5/10 (50%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	5/10.00	7/10.00	10/10.00	10/10.00	3/3.00
POLY-3 PERCENT (g)	0%	50%	70%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	5/10 (50%)	7/10 (70%)	10/10 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)	18	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.022*	P=0.003**	P<0.001**	P<0.001**	P=0.021*
POLY 3	P<0.001**	P=0.008**	P<0.001**	P<0.001N**	P<0.001**	P=0.003**
POLY 1.5	P<0.001**	P=0.008**	P<0.001**	P<0.001N**	P<0.001**	P=0.004**
POLY 6	P<0.001**	P=0.008**	P<0.001**	P<0.001N**	P<0.001**	P=0.003**
LOGISTIC REGRESSION	P=0.567	P=0.022*	P=0.003**	P<0.001**	(e)	(e)
COCH-ARM / FISHERS	P=0.459	P=0.016*	P=0.002**	P<0.001**	P<0.001**	P=0.105
ORDER RESTRICTED	P=0.002**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Skin: Epidermis, Skin, Site of Application  
 Necrosis Focal

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/0.29	9/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Skin: Skin, Site of Application  
 Inflammation Chronic

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	7/10 (70%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	7/7.19	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	97.4%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (T)	18	4

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	P=0.500	P=0.002**	P<0.001**
POLY 3	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P=0.574	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.002**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Thymus  
 Atrophy**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/2.27	3/3.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	88.1%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	21	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.210	P=0.003**
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.044*	P=0.003**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.063	P=0.004**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.041*	P=0.003**
LOGISTIC REGRESSION	P=0.612N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	P=0.237	P=0.105
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)



TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Thymus  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/2.26	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	88.4%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	21	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.035*	(e)	(e)	(e)	P=0.156	(e)
POLY 3	P=0.146	(e)	(e)	(e)	P=0.044*	(e)
POLY 1.5	P=0.054	(e)	(e)	(e)	P=0.062	(e)
POLY 6	P=0.184	(e)	(e)	(e)	P=0.041*	(e)
LOGISTIC REGRESSION	P=0.156N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.414	(e)	(e)	(e)	P=0.237	(e)
ORDER RESTRICTED	P=0.829	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Thymus  
 Necrosis**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/2.25	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	88.7%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	25	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.017*	(e)	(e)	(e)	P=0.097	(e)
POLY 3	P=0.147	(e)	(e)	(e)	P=0.044*	(e)
POLY 1.5	P=0.056	(e)	(e)	(e)	P=0.062	(e)
POLY 6	P=0.184	(e)	(e)	(e)	P=0.041*	(e)
LOGISTIC REGRESSION	P=0.210N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.414	(e)	(e)	(e)	P=0.237	(e)
ORDER RESTRICTED	P=0.829	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Bone Marrow  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	1/1.69	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	59.2%	99.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	31	7

**STATISTICAL TESTS**

LIFE TABLE	P=0.002**	(e)	(e)	(e)	P=0.429	P=0.234
POLY 3	(e)	(e)	(e)	(e)	P=0.265	P=0.040*
POLY 1.5	(e)	(e)	(e)	(e)	P=0.318	P=0.043*
POLY 6	(e)	(e)	(e)	(e)	P=0.246	P=0.040*
LOGISTIC REGRESSION	P=0.843N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.064	(e)	(e)	(e)	P=0.500	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Reqsted: 08/08/2005  
 Time Report Reqsted: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Bone Marrow  
 Hyperplasia Focal Histiocytic**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	2/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.500	(e)	(e)	P=0.234	(e)	(e)
POLY 3	(e)	(e)	(e)	P=0.227	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=0.227	(e)	(e)
POLY 6	(e)	(e)	(e)	P=0.227	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.234	(e)	(e)
COCH-ARM / FISHERS	P=0.403N	(e)	(e)	P=0.237	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Brain  
 Edema Focal

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/5.21	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	96%	99.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	30	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.234
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.040*
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.043*
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.040*
LOGISTIC REGRESSION	P=0.395N	(e)	(e)	(e)	P=0.365	(e)
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	P=0.016*	P=0.237
ORDER RESTRICTED	P=0.006**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG
<b>Brain Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	5/5.44	6/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	91.9%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	30	7
<b>STATISTICAL TESTS</b>						
LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.004**	P=0.009**
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P=0.396N	(e)	(e)	(e)	P=0.987	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.016*	P=0.005**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Brain: Neuron  
 Necrosis

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	8/8.07	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	99.1%	99.8%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	27	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.234
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.040*
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.043*
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.040*
LOGISTIC REGRESSION	P=0.022N*	(e)	(e)	(e)	P=0.647	(e)
COCH-ARM / FISHERS	P=0.005**	(e)	(e)	(e)	P<0.001**	P=0.237
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Clitoral Gland  
 Inflammation Chronic**

**LESION RATES**

OVERALL (a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	1/6 (17%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	0/8.00	0/0.00	0/0.00	1/6.00	2/2.43	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	16.7%	82.3%	99.6%
TERMINAL (d)	0/8 (0%)	0/0 (0%)	0/0 (0%)	1/6 (17%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	92 (T)	30	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	P=0.443	P=0.052	P=0.500
POLY 3	(e)	(e)	(e)	P=0.442	P=0.056	P=0.257
POLY 1.5	(e)	(e)	(e)	P=0.442	P=0.091	P=0.264
POLY 6	(e)	(e)	(e)	P=0.442	P=0.047*	P=0.257
LOGISTIC REGRESSION	P=0.636	(e)	(e)	P=0.443	P=0.856	(e)
COCH-ARM / FISHERS	P=0.467	(e)	(e)	P=0.429	P=0.294	P=0.556
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)



TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Heart  
 Cardiomyopathy**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	2/10.00	2/2.66	0/0.00
POLY-3 PERCENT (g)	0%	0%	10%	20%	75.3%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	92 (T)	92 (T)	30	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.007**	(e)	P=0.500	P=0.234	P=0.190	(e)
POLY 3	P=0.009**	(e)	P=0.500	P=0.227	P=0.051	(e)
POLY 1.5	P=0.008**	(e)	P=0.500	P=0.227	P=0.079	(e)
POLY 6	P=0.011*	(e)	P=0.500	P=0.227	P=0.042*	(e)
LOGISTIC REGRESSION	P=0.819N	(e)	P=0.500	P=0.234	(e)	(e)
COCH-ARM / FISHERS	P=0.628	(e)	P=0.500	P=0.237	P=0.237	(e)
ORDER RESTRICTED	P=0.829	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Kidney  
 Nephropathy**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
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 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Kidney: Medulla  
 Mineralization**

**LESION RATES**

OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	6/10 (60%)	10/10 (100%)	3/10 (30%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	6/10.00	10/10.00	3/3.00
POLY-3 PERCENT (g)	50%	0%	0%	60%	100%	99.9%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	6/10 (60%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	27	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=1.000N	P=1.000N	P=0.500	P<0.001**	P=0.111
POLY 3	(e)	(e)	(e)	P=0.500	P=0.008**	P=0.258
POLY 1.5	(e)	(e)	(e)	P=0.500	P=0.008**	P=0.280
POLY 6	(e)	(e)	(e)	P=0.500	P=0.008**	P=0.257
LOGISTIC REGRESSION	P=0.126N	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.256N	P=1.000	P=1.000	P=0.500	P=0.016*	P=0.325N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Liver: Centrilobular  
 Congestion

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.73	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	99.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	7

**STATISTICAL TESTS**

LIFE TABLE	P=0.011*	(e)	(e)	(e)	(e)	P=0.234
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.043*
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.040*
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.043*	(e)	(e)	(e)	(e)	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Liver: Centrilobular  
 Vacuolization Cytoplasmic

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Lung  
 Congestion**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	5/10 (50%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	5/5.28	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	94.7%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	30	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.003**	P<0.001**
POLY 3	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P=0.778	(e)	(e)	(e)	P=0.829	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.016*	P<0.001**
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Lung: Interstitium  
 Inflammation Chronic**

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	3/10 (30%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	3/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	30%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	3/10 (30%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.500	P=1.000N	P=1.000N	P=0.293	P=1.000N	P=1.000N
POLY 3	(e)	(e)	(e)	P=0.292	P=0.743N	P=0.760N
POLY 1.5	(e)	(e)	(e)	P=0.292	P=0.696N	P=0.756N
POLY 6	(e)	(e)	(e)	P=0.292	P=0.758N	P=0.760N
LOGISTIC REGRESSION	P=0.500	(e)	(e)	P=0.293	(e)	(e)
COCH-ARM / FISHERS	P=0.143N	P=1.000	P=1.000	P=0.291	P=0.500N	P=0.500N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Lung: Perivascular  
 Infiltration Cellular Lymphocyte**

**LESION RATES**

OVERALL (a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	5/10 (50%)	4/10 (40%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	0/0.00	0/0.00	5/10.00	4/4.32	0/0.00
POLY-3 PERCENT (g)	40%	0%	0%	50%	92.7%	0%
TERMINAL (d)	4/10 (40%)	0/0 (0%)	0/0 (0%)	5/10 (50%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	30	---

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=1.000N	P=1.000N	P=0.500	P=0.004**	P=1.000N
POLY 3	(e)	(e)	(e)	P=0.500	P=0.131	P=0.667N
POLY 1.5	(e)	(e)	(e)	P=0.500	P=0.237	P=0.644N
POLY 6	(e)	(e)	(e)	P=0.500	P=0.106	P=0.667N
LOGISTIC REGRESSION	P=0.614N	(e)	(e)	P=0.500	P=0.863	(e)
COCH-ARM / FISHERS	P=0.023N*	P=1.000	P=1.000	P=0.500	P=0.675N	P=0.043N*
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)



TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Lymph Node, Mandibular  
 Hyperplasia Lymphoid**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	1/9 (11%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.00	1/1.63	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	61.5%	99.8%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	39	7

**STATISTICAL TESTS**

LIFE TABLE	P=0.002**	(e)	(e)	(e)	P=0.261	P=0.234
POLY 3	(e)	(e)	(e)	(e)	P=0.257	P=0.040*
POLY 1.5	(e)	(e)	(e)	(e)	P=0.306	P=0.043*
POLY 6	(e)	(e)	(e)	(e)	P=0.239	P=0.040*
LOGISTIC REGRESSION	P=0.931N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.070	(e)	(e)	(e)	P=0.474	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Nose: Respiratory Epithelium  
 Inflammation Chronic**

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00	0/0.73	2/2.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	99.8%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	---	---	---	---	7

**STATISTICAL TESTS**

LIFE TABLE	P=0.024*	P=1.000N	P=1.000N	P=0.500N	P=1.000N	P=0.234
POLY 3	(e)	(e)	(e)	P=0.500N	P=0.743N	P=0.120
POLY 1.5	(e)	(e)	(e)	P=0.500N	P=0.696N	P=0.127
POLY 6	(e)	(e)	(e)	P=0.500N	P=0.758N	P=0.120
LOGISTIC REGRESSION	P=0.822	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.239	P=1.000	P=1.000	P=0.500N	P=0.500N	P=0.500
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Nose: Respiratory Epithelium  
 Metaplasia**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Skin: Epidermis, Skin, Site of Application  
 Hyperplasia

**LESION RATES**

OVERALL (a)	1/10 (10%)	2/10 (20%)	3/10 (30%)	5/10 (50%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	1/10.00	2/10.00	3/10.00	5/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	10%	20%	30%	50%	100%	100%
TERMINAL (d)	1/10 (10%)	2/10 (20%)	3/10 (30%)	5/10 (50%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)	27	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.500	P=0.293	P=0.077	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.500	P=0.292	P=0.061	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.292	P=0.061	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.292	P=0.061	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.500	P=0.293	P=0.077	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.291	P=0.070	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Skin: Epidermis, Skin, Site of Application  
 Necrosis Focal

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/0.73	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

Skin: Skin, Site of Application  
 Inflammation Chronic

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	7/7.22	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	97%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	27	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P=0.860	(e)	(e)	(e)	P=0.975	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.002**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
 CAS Number: 693-13-0  
 Pathologist: BIERLEY, B. - STEDHAM, M.

Date Report Requested: 08/08/2005  
 Time Report Requested: 8:55:39  
 First Dose M/F: 09/06/94 / 09/07/94  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Thymus  
 Atrophy**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	4/4.53	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	88.4%	99.6%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	27	7

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.026*	P=0.500
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.243
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.249
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P=0.243
LOGISTIC REGRESSION	P=0.048N*	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.061	(e)	(e)	(e)	P=0.043*	P=0.500
ORDER RESTRICTED	P=0.129	(e)	(e)	(e)	(e)	(e)

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Thymus  
 Hemorrhage**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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



TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 DIISOPROPYLCARBODIIMIDE  
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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG

**Thymus  
 Necrosis**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/0.73	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

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

TDMS No. 93020-03  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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Date Report Requested: 08/08/2005  
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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	10 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG	160 MG/KG
<b>Uterus</b>						
<b>Hydrometra</b>						
<b>LESION RATES</b>						
OVERALL (a)	0/10 (0%)	0/1 (0%)	5/5 (100%)	4/10 (40%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	5/5.00	4/10.00	0/0.73	1/1.00
POLY-3 PERCENT (g)	0%	0%	100%	40%	0%	99.6%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	5/5 (100%)	4/10 (40%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	92 (T)	92 (T)	---	7
<b>STATISTICAL TESTS</b>						
LIFE TABLE	P=0.015*	(e)	P<0.001**	P=0.051	(e)	P=0.500
POLY 3	P<0.001**	(e)	P<0.001**	P=0.033*	(e)	P=0.243
POLY 1.5	P=0.010**	(e)	P<0.001**	P=0.033*	(e)	P=0.249
POLY 6	P<0.001**	(e)	P<0.001**	P=0.033*	(e)	P=0.243
LOGISTIC REGRESSION	P=0.075	(e)	P<0.001**	P=0.051	(e)	(e)
COCH-ARM / FISHERS	P=0.143N	(e)	P<0.001**	P=0.043*	(e)	P=0.500
ORDER RESTRICTED	P=0.210	(e)	(e)	(e)	(e)	(e)

**TDMS No.** 93020-03  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** RATS/F 344

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
DIISOPROPYLCARBODIIMIDE  
**CAS Number:** 693-13-0  
**Pathologist:** BIERLEY, B. - STEDHAM, M.

**Date Report Reqsted:** 08/08/2005  
**Time Report Reqsted:** 8:55:39  
**First Dose M/F:** 09/06/94 / 09/07/94  
**Lab:** MBA

## **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 \*\*\*