

Experiment Number: 93020-04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

Date Report Requested: 10/21/2014
Time Report Requested: 18:47:56
First Dose M/F: NA / NA
Lab: MBA

C Number:	C93020
Lock Date:	05/16/1995
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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Lab: MBA

Male MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 17.5 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 35 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 70 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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Lab: MBA

Male MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 140 MG/KG									
TOTAL 10			UNCENSORED DEATHS 9			CENSORED DEATHS 0			TERMINAL 1
UNCENSORED DEATH DAYS									
22	27	28	28	29	38	39	47	50	
CENSORED DEATH DAYS									
none									
DOSE = 280 MG/KG									
TOTAL 10			UNCENSORED DEATHS 10			CENSORED DEATHS 0			TERMINAL 0
UNCENSORED DEATH DAYS									
6	6	6	6	6	7	7	7	7	7
CENSORED DEATH DAYS									
none									

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)										
	10	20	30	40	50	60	70	80	90	92(A)	
0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17.5 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
70 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
140 MG/KG	100.0	100.0	50.0	30.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
280 MG/KG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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First Dose M/F: NA / NA
Lab: MBA

Male MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG	17.5 MG/KG	35 MG/KG	70 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0	92.0	92.0	92.0
	(0.0)	(0.0)	(0.0)	(0.0)

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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First Dose M/F: NA / NA
Lab: MBA

Male MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	140 MG/KG	280 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	10.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	P=0.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	34.2 (3.2)	6.5 (0.2)
MEAN LIFE SPAN (D) (STANDARD ERROR)	40.0 (6.5)	6.5 (0.2)

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Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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Date Report Requested: 10/21/2014
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First Dose M/F: NA / NA
Lab: MBA

Female MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 17.5 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 35 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 70 MG/KG			
TOTAL 10	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 10
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

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(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

Experiment Number: 93020-04
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA
Lab: MBA

Female MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 140 MG/KG									
TOTAL 10			UNCENSORED DEATHS 9			CENSORED DEATHS 0			TERMINAL 0
UNCENSORED DEATH DAYS									
36	37	49	49	55	57	57	68	76	
CENSORED DEATH DAYS									
none									

DOSE = 280 MG/KG									
TOTAL 10			UNCENSORED DEATHS 10			CENSORED DEATHS 0			TERMINAL 0
UNCENSORED DEATH DAYS									
7	7	7	8	8	8	8	8	8	11
CENSORED DEATH DAYS									
none									

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Species/Strain: Mouse/B6C3F1

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)										
	10	20	30	40	50	60	70	80	90	92(A)	
0 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17.5 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
70 MG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
140 MG/KG	100.0	100.0	100.0	80.0	60.0	30.0	20.0	10.0	10.0	10.0	10.0
280 MG/KG	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	0 MG/KG	17.5 MG/KG	35 MG/KG	70 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	92.0	92.0	92.0	92.0
	(0.0)	(0.0)	(0.0)	(0.0)

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First Dose M/F: NA / NA
Lab: MBA

Female MOUSE
FIRST TERMINAL SACRIFICE AT 92 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	140 MG/KG	280 MG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	10.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	P=0.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	53.8 (4.3)	8.0 (0.4)
MEAN LIFE SPAN (D) (STANDARD ERROR)	53.8 (4.3)	8.0 (0.4)

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First Dose M/F: NA / NA

Lab: MBA

**** END OF REPORT ****

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