

Experiment Number: 93020-02
Test Type: 14-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: 10/19/2014
Time Report Requested: 07:04:16
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 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 10 MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 30 MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 90 MG/ML			
TOTAL 5	UNCENSORED DEATHS 5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS			
7	7	8	8
7	7	8	8
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 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 269	MG/ML			
TOTAL 5		UNCENSORED DEATHS 5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS				
2	2	2		
CENSORED DEATH DAYS				
none				

DOSE = 806	MG/ML			
TOTAL 5		UNCENSORED DEATHS 5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS				
1	1	1		
CENSORED DEATH DAYS				
none				

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	17(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
90 MG/ML	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
269 MG/ML	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
806 MG/ML	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Male MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	10 MG/ML	30 MG/ML	90 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	P=0.015
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	.	7.6
	(.)	(.)	(.)	(0.2)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0	17.0	17.0	7.6
	(0.0)	(0.0)	(0.0)	(0.2)

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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 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	269 MG/ML	806 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.016	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	2.0 (.)	1.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	2.0 (0.0)	1.0 (0.0)

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Species/Strain: Mouse/B6C3F1

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

Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE CONTROL			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 10 MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 30 MG/ML			
TOTAL 5	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 5
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			
DOSE = 90 MG/ML			
TOTAL 5	UNCENSORED DEATHS 5	CENSORED DEATHS 0	TERMINAL 0
UNCENSORED DEATH DAYS			
7	7	7	9 9
CENSORED DEATH DAYS			
none			

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Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

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Test Compound: Diisopropylcarbodiimide
CAS Number: 693-13-0

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

Female MOUSE
FIRST TERMINAL SACRIFICE AT 17 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 269 MG/ML				
TOTAL	5		UNCENSORED DEATHS	5
			CENSORED DEATHS	0
			TERMINAL	0
UNCENSORED DEATH DAYS				
1	2	2	2	2
CENSORED DEATH DAYS				
none				

DOSE = 806 MG/ML				
TOTAL	5		UNCENSORED DEATHS	5
			CENSORED DEATHS	0
			TERMINAL	0
UNCENSORED DEATH DAYS				
1	1	1	1	1
CENSORED DEATH DAYS				
none				

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DOSE	TIME (DAYS)									
	2	4	6	8	10	12	14	16	18	17(A)
VEHICLE CONTROL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30 MG/ML	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
90 MG/ML	100.0	100.0	100.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0
269 MG/ML	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
806 MG/ML	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 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE CONTROL	10 MG/ML	30 MG/ML	90 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	100.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.000	-----	-----	P=0.011
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	.	7.8
	(.)	(.)	(.)	(0.5)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0	17.0	17.0	7.8
	(0.0)	(0.0)	(0.0)	(0.5)

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FIRST TERMINAL SACRIFICE AT 17 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	269 MG/ML	806 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.017	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	1.8 (0.2)	1.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	1.8 (0.2)	1.0 (0.0)

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**** END OF REPORT ****

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