

Experiment Number: 93020-01
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014
Time Report Requested: 01:04:06
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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First Dose M/F: NA / NA

Lab: MBA

Male RAT
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

5 5 5 6 6

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 RAT
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	1	2	2	2
CENSORED DEATH DAYS				
none				
<hr/>				
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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(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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Male RAT
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	0.0	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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Lab: MBA

Male RAT
 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)	.	.	.	5.4
	(.)	(.)	(.)	(0.2)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0	17.0	17.0	5.4
	(0.0)	(0.0)	(0.0)	(0.2)

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

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

Male RAT
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=0.015	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	1.6 (0.2)	1.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	1.6 (0.2)	1.0 (0.0)

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Route: SKIN APPLICATION

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Date Report Requested: 10/16/2014

Time Report Requested: 01:04:06

First Dose M/F: NA / NA

Lab: MBA

Female RAT
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

5 5 5 5 5

CENSORED DEATH DAYS

none

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

Female RAT
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	1	1	1	2
CENSORED DEATH DAYS				
none				
<hr/>				
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	0.0	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
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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=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	.	5.0
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	17.0	17.0	17.0	5.0
	(0.0)	(0.0)	(0.0)	(0.0)

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FIRST TERMINAL SACRIFICE AT 17 DAYS

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DOSE	269 MG/ML	806 MG/ML
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	0.0%	0.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.009	P=0.016
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	1.2 (0.2)	1.0 (.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	1.2 (0.2)	1.0 (0.0)

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