

Experiment Number: 20406-02
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: Mouse/SKH-1/NCTR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

Test Compound: Aloe phototoxicity studies
CAS Number: ALOEPHOTOTOX

Date Report Requested: 10/23/2014
Time Report Requested: 13:01:44
First Dose M/F: NA / NA
Lab: NCTR

C Number: C20406
Lock Date: 12/02/2008
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE

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SKH-1/NCTR Mouse FEMALE	NOCREAM NO_ SSL	VEHICLE NO_ SSL	ALOGEL6% NO_ SSL	WHLEAF6% NO_ SSL	CHARCL6% NO_ SSL	AEMOD_ H NO_ SSL
Disposition Summary						
Animals Initially In Study	36	36	36	36	36	36
Early Deaths						
Moribund Sacrifice	5	7	2	2	3	
Natural Death	1		2			1
Survivors						
Moribund Sacrifice			2		1	2
Terminal Sacrifice	30	28	30	33	32	33
Harvest		1		1		
Animals Examined Microscopically	36	36	36	36	36	36
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(36)	(36)	(36)	(36)	(36)
Abscess		2 (6%)	1 (3%)			1 (3%)
Cyst Epithelial Inclusion	3 (8%)	6 (17%)	3 (8%)	3 (8%)	4 (11%)	1 (3%)

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse FEMALE	NOCREAM NO_ SSL	VEHICLE NO_ SSL	ALOGEL6% NO_ SSL	WHLEAF6% NO_ SSL	CHARCL6% NO_ SSL	AEMOD_ H NO_ SSL
Dermis, Inflammation, Chronic Active	32 (89%)	32 (89%)	35 (97%)	36 (100%)	34 (94%)	36 (100%)
Dermis, Inflammation, Granulomatous Edema		1 (3%)			1 (3%)	
Epidermis, Necrosis						
Hemorrhage		1 (3%)				
Hyperplasia, Squam Atypical, Focal, One						
Hyperplasia, Squamous	1 (3%)	5 (14%)	1 (3%)	4 (11%)		
Inflammation, Pyogranulomat		1 (3%)		1 (3%)		2 (6%)
Subcut Tiss, Abscess						1 (3%)
Subcut Tiss, Inflammation, Chronic						
Skin, Site Of Application	(3)	(0)	(0)	(0)	(0)	(0)
Skin, Site of Application	(33)	(36)	(36)	(36)	(36)	(36)
Abscess		1 (3%)				
Cyst						
Cyst Epithelial Inclusion	3 (9%)		2 (6%)	2 (6%)	5 (14%)	6 (17%)
Dermis, Inflammation, Chronic Active	33 (100%)	36 (100%)	36 (100%)	36 (100%)	36 (100%)	36 (100%)
Edema					1 (3%)	
Epidermis, Necrosis						
Granuloma		1 (3%)				
Hyperplasia, Squam Atypical, Focal, > Five						
Hyperplasia, Squam Atypical, Focal, Five						
Hyperplasia, Squam Atypical, Focal, Four						
Hyperplasia, Squam Atypical, Focal, One						
Hyperplasia, Squam Atypical, Focal, Three						
Hyperplasia, Squam Atypical, Focal, Two						
Hyperplasia, Squamous	1 (3%)	10 (28%)	13 (36%)	2 (6%)	1 (3%)	2 (6%)
Inflammation, Pyogranulomat						

MUSCULOSKELETAL SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse FEMALE	NOCREAM NO_ SSL	VEHICLE NO_ SSL	ALOGEL6% NO_ SSL	WHLEAF6% NO_ SSL	CHARCL6% NO_ SSL	AEMOD_ H NO_ SSL
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

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SKH-1/NCTR Mouse FEMALE	NOCREAM 6.85SSL	NOCREAM 13.7SSL	VEHICLE 13.7SSL	ALOGEL3% 13.7SSL	ALOGEL6% 13.7SSL	WHLEAF3% 13.7SSL
Disposition Summary						
Animals Initially In Study	36	36	36	36	36	36
Early Deaths						
Moribund Sacrifice	1	1	1	4	4	2
Natural Death	1				1	1
Survivors						
Moribund Sacrifice	3					1
Terminal Sacrifice	24	1	2			1
Harvest	7	34	33	32	31	31
Animals Examined Microscopically	36	36	36	36	36	36
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(36)	(36)	(36)	(36)	(36)
Abscess					3 (8%)	
Cyst Epithelial Inclusion	7 (19%)	3 (8%)	3 (8%)	5 (14%)	5 (14%)	4 (11%)

a - Number of animals examined microscopically at site and number of animals with lesion

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First Dose M/F: NA / NA

Species/Strain: Mouse/SKH-1/NCTR

Lab: NCTR

SKH-1/NCTR Mouse FEMALE	NOCREAM 6.85SSL	NOCREAM 13.7SSL	VEHICLE 13.7SSL	ALOGEL3% 13.7SSL	ALOGEL6% 13.7SSL	WHLEAF3% 13.7SSL
Dermis, Inflammation, Chronic Active	35 (97%)	29 (81%)	29 (81%)	30 (83%)	35 (97%)	32 (89%)
Dermis, Inflammation, Granulomatous						
Edema						
Epidermis, Necrosis		1 (3%)		2 (6%)		
Hemorrhage		1 (3%)				
Hyperplasia, Squam Atypical, Focal, One			1 (3%)	1 (3%)	1 (3%)	1 (3%)
Hyperplasia, Squamous	1 (3%)	12 (33%)	3 (8%)			
Inflammation, Pyogranulomat		1 (3%)		3 (8%)		
Subcut Tiss, Abscess			1 (3%)			
Subcut Tiss, Inflammation, Chronic		1 (3%)				
Skin, Site Of Application	(0)	(0)	(0)	(0)	(0)	(1)
Skin, Site of Application	(36)	(36)	(36)	(36)	(36)	(35)
Abscess						
Cyst			1 (3%)			
Cyst Epithelial Inclusion	6 (17%)	5 (14%)	5 (14%)	10 (28%)	5 (14%)	8 (23%)
Dermis, Inflammation, Chronic Active	36 (100%)	36 (100%)	36 (100%)	36 (100%)	36 (100%)	35 (100%)
Edema						
Epidermis, Necrosis			1 (3%)	3 (8%)		1 (3%)
Granuloma			1 (3%)		1 (3%)	
Hyperplasia, Squam Atypical, Focal, > Five	1 (3%)	5 (14%)	5 (14%)	2 (6%)	2 (6%)	2 (6%)
Hyperplasia, Squam Atypical, Focal, Five	1 (3%)	1 (3%)	4 (11%)	1 (3%)	4 (11%)	6 (17%)
Hyperplasia, Squam Atypical, Focal, Four		3 (8%)	7 (19%)	3 (8%)	3 (8%)	4 (11%)
Hyperplasia, Squam Atypical, Focal, One	10 (28%)	7 (19%)	8 (22%)	10 (28%)	10 (28%)	6 (17%)
Hyperplasia, Squam Atypical, Focal, Three	1 (3%)	8 (22%)	7 (19%)	3 (8%)	5 (14%)	5 (14%)
Hyperplasia, Squam Atypical, Focal, Two	2 (6%)	8 (22%)	4 (11%)	8 (22%)	5 (14%)	10 (29%)
Hyperplasia, Squamous	32 (89%)	36 (100%)	35 (97%)	34 (94%)	33 (92%)	35 (100%)
Inflammation, Pyogranulomat		2 (6%)	1 (3%)			2 (6%)

MUSCULOSKELETAL SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse FEMALE	NOCREAM 6.85SSL	NOCREAM 13.7SSL	VEHICLE 13.7SSL	ALOGEL3% 13.7SSL	ALOGEL6% 13.7SSL	WHLEAF3% 13.7SSL
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

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SKH-1/NCTR Mouse FEMALE	WHLEAF6% 13.7SSL	CHARL3% 13.7SSL	CHARCL6% 13.7SSL	AEMOD_LO 13.7SSL	AEMOD_HI 13.7SSL	NOCREAM 20.5SSL
Disposition Summary						
Animals Initially In Study	36	36	36	36	36	36
Early Deaths						
Moribund Sacrifice	1		2	4	1	1
Natural Death	3	2	1		2	
Survivors						
Moribund Sacrifice						
Terminal Sacrifice						
Harvest	32	34	33	32	33	35
Animals Examined Microscopically	36	36	36	36	36	36
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(36)	(36)	(36)	(36)	(36)
Abscess				1 (3%)		
Cyst Epithelial Inclusion	3 (8%)	5 (14%)	2 (6%)	3 (8%)	1 (3%)	1 (3%)

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse FEMALE	WHLEAF6% 13.7SSL	CHARL3% 13.7SSL	CHARCL6% 13.7SSL	AEMOD_LO 13.7SSL	AEMOD_HI 13.7SSL	NOCREAM 20.5SSL
Dermis, Inflammation, Chronic Active	30 (83%)	33 (92%)	29 (81%)	31 (86%)	30 (83%)	19 (53%)
Dermis, Inflammation, Granulomatous Edema	1 (3%)					
Epidermis, Necrosis		1 (3%)				
Hemorrhage	1 (3%)					
Hyperplasia, Squam Atypical, Focal, One			1 (3%)	1 (3%)	1 (3%)	
Hyperplasia, Squamous	1 (3%)		4 (11%)			
Inflammation, Pyogranulomat Subcut Tiss, Abscess		1 (3%)	1 (3%)		1 (3%)	
Subcut Tiss, Inflammation, Chronic						
Skin, Site Of Application	(0)	(0)	(0)	(0)	(1)	(0)
Skin, Site of Application	(36)	(36)	(36)	(36)	(35)	(36)
Abscess						
Cyst						
Cyst Epithelial Inclusion	1 (3%)	7 (19%)	5 (14%)	5 (14%)		2 (6%)
Dermis, Inflammation, Chronic Active	33 (92%)	35 (97%)	33 (92%)	35 (97%)	35 (100%)	32 (89%)
Edema						
Epidermis, Necrosis		4 (11%)	3 (8%)	1 (3%)	1 (3%)	3 (8%)
Granuloma	2 (6%)					
Hyperplasia, Squam Atypical, Focal, > Five	2 (6%)	1 (3%)	7 (19%)	2 (6%)	2 (6%)	7 (19%)
Hyperplasia, Squam Atypical, Focal, Five	3 (8%)		1 (3%)	3 (8%)	4 (11%)	4 (11%)
Hyperplasia, Squam Atypical, Focal, Four	6 (17%)	1 (3%)	4 (11%)	6 (17%)	5 (14%)	7 (19%)
Hyperplasia, Squam Atypical, Focal, One	5 (14%)	12 (33%)	6 (17%)	8 (22%)	6 (17%)	5 (14%)
Hyperplasia, Squam Atypical, Focal, Three	6 (17%)	9 (25%)	3 (8%)	8 (22%)	5 (14%)	5 (14%)
Hyperplasia, Squam Atypical, Focal, Two	7 (19%)	9 (25%)	6 (17%)	5 (14%)	5 (14%)	6 (17%)
Hyperplasia, Squamous	32 (89%)	34 (94%)	35 (97%)	34 (94%)	34 (97%)	34 (94%)
Inflammation, Pyogranulomat			2 (6%)	1 (3%)		

MUSCULOSKELETAL SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse FEMALE

WHLEAF6% 13.7SSL CHARL3% 13.7SSL CHARCL6% 13.7SSL AEMOD_LO 13.7SSL AEMOD_HI 13.7SSL NOCREAM 20.5SSL

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

**** END OF REPORT ****