

Experiment Number: 20215-03
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: tert-Butyl hydroperoxide
CAS Number: 75-91-2

Date Report Requested: 10/20/2014
Time Report Requested: 04:21:56
First Dose M/F: NA / NA
Lab: BAT

C Number:	C20215
Lock Date:	Not Entered.
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: BAT

F 344/N Rat MALE	0	MG/KG	22	MG/KG	44	MG/KG	88	MG/KG	175	MG/KG
Disposition Summary										
Animals Initially In Study	5		5		5		5		5	
Early Deaths										
Survivors										
Terminal Sacrifice	5		5		5		5		5	
Animals Examined Microscopically	5						5		5	
ALIMENTARY SYSTEM										
Liver	(5)		(0)		(0)		(5)		(5)	
Hematopoietic Cell Proliferation									1 [1.0]	
Inflammation	4 [1.0]						3 [1.0]		4 [1.0]	
Stomach, Forestomach	(5)		(0)		(0)		(5)		(5)	
Stomach, Glandular	(5)		(0)		(0)		(5)		(5)	
Infiltration Cellular, Mononuclear CI	1 [2.0]									
CARDIOVASCULAR SYSTEM										
None										
ENDOCRINE SYSTEM										
None										
GENERAL BODY SYSTEM										
None										
GENITAL SYSTEM										
None										
HEMATOPOIETIC SYSTEM										
None										
INTEGUMENTARY SYSTEM										
Skin	(5)		(0)		(0)		(5)		(5)	
SOA Dermis, Inflammation									5 [1.8]	

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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SOA Epidermis, Hyperkeratosis									4	[1.8]
SOA Epidermis, Hyperplasia									5	[1.6]
SOA Epidermis, Inflammation									1	[1.0]
MUSCULOSKELETAL SYSTEM										
None										
NERVOUS SYSTEM										
None										
RESPIRATORY SYSTEM										
None										
SPECIAL SENSES SYSTEM										
None										
URINARY SYSTEM										
None										

END OF MALE DATA

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Disposition Summary										
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Early Deaths										
Survivors										
Terminal Sacrifice	5		5		5		5		5	
Animals Examined Microscopically	5				5		5		5	
ALIMENTARY SYSTEM										
Liver	(5)		(0)		(0)		(5)		(5)	
Inflammation	1 [1.0]						3 [1.0]		1 [1.0]	
Stomach, Forestomach	(5)		(0)		(0)		(5)		(5)	
Stomach, Glandular	(5)		(0)		(0)		(5)		(5)	
CARDIOVASCULAR SYSTEM										
None										
ENDOCRINE SYSTEM										
None										
GENERAL BODY SYSTEM										
None										
GENITAL SYSTEM										
None										
HEMATOPOIETIC SYSTEM										
None										
INTEGUMENTARY SYSTEM										
Skin	(5)		(0)		(5)		(5)		(5)	
SOA Dermis, Inflammation							1 [1.0]		5 [1.6]	
SOA Epidermis, Hyperkeratosis									3 [1.7]	
SOA Epidermis, Hyperplasia							1 [1.0]		5 [1.4]	

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SOA Epidermis, Inflammation									1	[2.0]
MUSCULOSKELETAL SYSTEM										
None										
NERVOUS SYSTEM										
None										
RESPIRATORY SYSTEM										
None										
SPECIAL SENSES SYSTEM										
None										
URINARY SYSTEM										
None										

**** END OF REPORT ****

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