

Experiment Number: 97013-02
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Water disinfection model (Dichloroacetic acid)
CAS Number: 79-43-6

Date Report Requested: 10/21/2014
Time Report Requested: 00:38:05
First Dose M/F: NA / NA
Lab: BAT

C Number: C97013D
Lock Date: 11/09/1999
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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FVB/N Mouse MALE	0 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Angiectasis, Focal	1 [1.0]					
Centrilobular, Vacuolization Cytoplasmic	5 [1.0]	5 [1.2]	5 [1.4]	5 [2.0]	5 [2.0]	5 [2.8]
Cytoplasmic Alteration, Focal	1 [1.0]					
Necrosis, Focal		1 [1.0]	1 [1.0]			
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin	(5)	(5)	(5)	(5)	(5)	(5)
Dermis, SOA, Fibrosis				5 [1.2]	5 [2.0]	5 [3.6]
Dermis, SOA, Inflammation, Chronic Active			2 [1.0]	5 [1.2]	5 [2.0]	5 [3.6]

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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FVB/N Mouse MALE	0 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG
Epidermis, SOA, Hyperplasia			3 [1.0]	5 [1.6]	5 [2.8]	5 [2.4]
Epidermis, SOA, Inflammation, Suppurative				4 [2.0]	3 [1.7]	5 [4.0]
Epidermis, SOA, Necrosis, Focal				2 [1.5]	2 [2.0]	3 [2.3]
SOA, Hyperkeratosis		5 [1.0]	5 [1.2]	5 [2.2]	5 [2.2]	5 [3.0]
SOA, Parakeratosis		2 [1.0]	3 [1.0]	2 [1.0]	4 [1.3]	5 [1.2]
SOA, Subcut Tiss, Fibrosis				2 [1.0]	5 [1.0]	5 [3.6]
SOA, Subcut Tiss, Inflammation, Chronic Active				2 [1.0]	4 [1.0]	5 [3.6]
SOA, Ulcer				4 [1.5]	3 [1.7]	5 [4.0]
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(5)	(5)	(5)	(5)	(5)
Renal Tubule, Cyst				1 [1.0]		

END OF MALE DATA

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Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Centrilobular, Vacuolization Cytoplasmic	5 [1.0]	5 [1.0]	5 [2.0]	5 [2.0]	5 [2.4]	5 [3.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin	(5)	(5)	(5)	(5)	(5)	(5)
Dermis, SOA, Fibrosis				4 [1.5]	5 [2.8]	5 [3.8]
Dermis, SOA, Inflammation, Chronic Active			2 [1.0]	5 [1.4]	5 [2.6]	5 [4.0]
Epidermis, SOA, Hyperplasia			5 [1.0]	5 [2.0]	5 [3.4]	4 [1.5]
Epidermis, SOA, Inflammation, Suppurative				1 [1.0]	3 [2.3]	5 [4.0]
Epidermis, SOA, Necrosis, Focal			1 [1.0]	3 [1.0]	4 [1.8]	2 [3.5]

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SOA, Hyperkeratosis			5 [2.0]	5 [2.0]	5 [2.0]	4 [2.0]
SOA, Parakeratosis				4 [1.5]	5 [2.2]	1 [1.0]
SOA, Subcut Tiss, Fibrosis					5 [1.8]	5 [3.8]
SOA, Subcut Tiss, Inflammation, Chronic Active					5 [1.6]	5 [3.0]
SOA, Ulcer				1 [2.0]	4 [2.3]	5 [4.0]
Skin, Control	(0)	(0)	(0)	(0)	(0)	(1)
Epidermis, Hyperplasia						1 [2.0]
Hyperkeratosis						1 [2.0]
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
Serosa, Fibrosis, Focal						1 [1.0]
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(5)	(5)	(5)	(5)	(5)

** END OF REPORT **

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