

Experiment Number: 05136-10
Test Type: 26-WEEK
Species/Strain: Mouse/TG.AC HEMI

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

Test Compound: Chloroprene
CAS Number: 126-99-8

Date Report Requested: 10/23/2014
Time Report Requested: 14:19:48
First Dose M/F: NA / NA
Lab: NIEHS

C Number: C50522D
Lock Date: 09/08/1997
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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TG.AC HEMI Mouse FEMALE	CONTROL	80 PPM	12.8 PPM	02.0 PPM
Disposition Summary				
Animals Initially In Study	20	20	20	20
Early Deaths				
Moribund Sacrifice	6	3	4	6
Natural Death	1	1	3	1
Survivors				
Terminal Sacrifice	13	16	13	13
Animals Examined Microscopically	20	20		

ALIMENTARY SYSTEM

Liver	(19)	(20)	(0)	(0)
Congestion	1 [2.0]			
Congestion, Diffuse	3 [2.7]	3 [2.0]		
Hematopoietic Cell Proliferation	2 [2.0]	3 [1.7]		
Hematopoietic Cell Proliferation, Focal		1 [1.0]		
Infiltration Cellular, Mononuclear CI	12 [1.3]	13 [1.1]		
Infiltration Cellular, Mononuclear CI, Focal	3 [1.0]	2 [1.0]		
Inflammation, Chronic Active, Focal	1 [1.0]			
Midzonal, Hypertrophy	8 [1.0]	15 [1.1]		
Midzonal, Hypertrophy, Diffuse	3 [1.3]			
Necrosis	2 [1.0]	1 [1.0]		
Necrosis, Focal	2 [1.0]	3 [1.3]		
Tension Lipidosis, Focal	1 [2.0]	1 [2.0]		
Stomach, Forestomach	(20)	(20)	(0)	(0)
Hyperkeratosis, Diffuse	1 [2.0]	1 [2.0]		
Hyperkeratosis, Focal		1 [2.0]		
Stomach, Glandular	(20)	(20)	(0)	(0)

CARDIOVASCULAR SYSTEM

None

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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TG.AC HEMI Mouse FEMALE	CONTROL	80 PPM	12.8 PPM	02.0 PPM
ENDOCRINE SYSTEM				
Adrenal Cortex	(19)	(19)	(0)	(0)
Capsule, Hyperplasia	2 [1.0]	2 [1.0]		
Capsule, Hyperplasia, Focal	4 [1.0]	5 [1.0]		
Zona Fascult, Hypertrophy		2 [1.0]		
Zona Fascult, Hypertrophy, Focal		1 [1.0]		
Zona Reticul, Degeneration, Fatty	13 [1.0]	11 [1.0]		
Adrenal Medulla	(18)	(15)	(0)	(0)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Thymus	(18)	(16)	(0)	(0)
Atrophy	2 [1.0]			
Atrophy, Diffuse	2 [1.5]			
Hemorrhage, Acute	1 [1.0]	2 [1.0]		
Hemorrhage, Acute, Focal		3 [1.0]		
Necrosis	1 [1.0]	1 [2.0]		
Necrosis, Diffuse		1 [3.0]		
INTEGUMENTARY SYSTEM				
Mammary Gland	(17)	(16)	(0)	(0)
Skin	(20)	(19)	(0)	(0)
MUSCULOSKELETAL SYSTEM				
Bone	(1)	(0)	(0)	(0)
NERVOUS SYSTEM				

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Spinal Cord	(1)	(0)	(0)	(0)
RESPIRATORY SYSTEM				
Lung	(20)	(20)	(0)	(0)
Alveolar Epith, Hyperplasia, Focal	1 [1.0]	1 [1.0]		
Congestion	2 [1.5]	1 [2.0]		
Congestion, Diffuse	4 [1.5]	4 [2.3]		
Hemorrhage, Acute		2 [2.0]		
Infiltration Cellular, Lymphocyte	1 [2.0]			
Inflammation, Chronic Active	1 [2.0]			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(20)	(20)	(0)	(0)
Casts Protein, Focal	1 [1.0]	1 [1.0]		
Congestion	3 [1.3]	1 [2.0]		
Congestion, Diffuse	2 [2.0]	2 [2.0]		
Infiltration Cellular, Lymphocyte	3 [1.0]	2 [1.0]		
Infiltration Cellular, Lymphocyte, Focal	3 [1.0]	7 [1.0]		
Infiltration Cellular, Plasma Cell, Focal	1 [1.0]	1 [1.0]		
Pelvis, Dilatation, Focal	1 [1.0]			
Renal Tubule, Degeneration		1 [1.0]		
Renal Tubule, Degeneration, Focal	1 [1.0]			
Renal Tubule, Dilatation	1 [1.0]	1 [1.0]		
Renal Tubule, Regeneration		1 [2.0]		
Renal Tubule, Regeneration, Focal	4 [1.0]	4 [1.0]		

**** END OF REPORT ****

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