

**Experiment Number:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI

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

**Test Compound:** Transgenic LECM (Pentachlorophenol)

**CAS Number:** 87-86-5

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 10:07:33

**First Dose M/F:** NA / NA

**Lab:** ILS

**C Number:** C89002C  
**Lock Date:** 08/21/1997  
**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	0 MG	1.25 UG TPA	0.75 MG	1.5 MG	3.0 MG
<b>Disposition Summary</b>					
Animals Initially In Study	15	15	20	15	15
Early Deaths					
Dosing Accident			7	2	1
Moribund Sacrifice			2	1	2
Natural Death			2		1
Survivors					
Terminal Sacrifice	13	13	7	10	9
Other	2	2	2	2	2
Animals Examined Microscopically	13				9

ALIMENTARY SYSTEM

Liver	(13)	(0)	(0)	(0)	(9)
Centrilobular, Hepatocyte, Hypertrophy					4 [2.0]
Centrilobular, Hepatocyte, Hypertrophy, Diffuse					3 [2.0]
Centrilobular, Hepatocyte, Karyomegaly					4 [2.0]
Centrilobular, Hepatocyte, Karyomegaly, Diffuse					3 [1.3]
Hematopoietic Cell Proliferation, Focal	1 [1.0]				1 [1.0]
Infiltration Cellular, Mixed Cell, Diffuse					1 [4.0]
Infiltration Cellular, Mononuclear CI	12 [1.0]				7 [1.1]
Infiltration Cellular, Mononuclear CI, Focal	1 [1.0]				1 [1.0]
Midzonal, Hypertrophy	13 [1.3]				2 [1.5]
Necrosis, Focal	2 [1.5]				
Salivary Glands	(13)	(0)	(0)	(0)	(9)
Submandibul GI, Atrophy, Diffuse	1 [2.0]				
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal	1 [1.0]				1 [1.0]
Submandibul GI, Infiltration Cellular, Mixed Cell					1 [2.0]

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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Stomach, Forestomach	(13)	(0)	(0)	(0)	(9)
Stomach, Glandular	(13)	(0)	(0)	(0)	(9)
Infiltration Cellular, Mixed Cell					1 [3.0]
Tongue	(1)	(0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(13)	(0)	(0)	(0)	(9)
Capsule, Hyperplasia	1 [1.0]				
Capsule, Hyperplasia, Focal	7 [1.0]				4 [1.0]
Zona Reticul, Degeneration, Fatty	13 [1.6]				9 [1.3]
Adrenal Medulla	(13)	(0)	(0)	(0)	(9)
Pituitary Gland	(13)	(0)	(0)	(0)	(9)
Thyroid Gland	(13)	(0)	(0)	(0)	(9)
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Clitoral Gland	(1)	(0)	(0)	(0)	(0)
Duct, Cyst, Focal	1 [2.0]				
Ovary	(1)	(0)	(0)	(0)	(2)
Cyst, Focal	1 [2.0]				1 [2.0]
Infiltration Cellular, Mixed Cell					1 [2.0]
HEMATOPOIETIC SYSTEM					
Lymph Node	(0)	(0)	(0)	(0)	(1)
Hemal, Hyperplasia, Lymphoid, Diffuse					1 [4.0]
Hemal, Hyperplasia, Plasma Cell, Diffuse					1 [3.0]
Hyperplasia, Lymphoid, Diffuse					1 [4.0]

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TG.AC HEMI Mouse FEMALE	0 MG	1.25 UG TPA	0.75 MG	1.5 MG	3.0 MG
Hyperplasia, Plasma Cell, Diffuse					1 [3.0]
Iliac, Hyperplasia, Lymphoid, Diffuse					1 [3.0]
Iliac, Hyperplasia, Plasma Cell, Diffuse					1 [3.0]
Inguinal, Hyperplasia, Lymphoid, Diffuse					1 [3.0]
Inguinal, Hyperplasia, Plasma Cell, Diffuse					1 [3.0]
Renal, Hyperplasia, Lymphoid, Diffuse					1 [3.0]
Renal, Hyperplasia, Plasma Cell, Diffuse					1 [3.0]
Lymph Node, Mandibular Hyperplasia, Plasma Cell	(12)	(0)	(0)	(0)	(9) 1 [3.0]
Lymph Node, Mesenteric Hyperplasia, Lymphoid, Diffuse	(0)	(0)	(0)	(0)	(1) 1 [4.0]
Lymph Node, Mesenteric Hyperplasia, Plasma Cell, Diffuse					1 [3.0]
Spleen Hematopoietic Cell Proliferation	(13)	(0)	(0)	(0)	(9) 1 [2.0]
Spleen Hematopoietic Cell Proliferation, Diffuse					3 [3.0]
Spleen Hyperplasia, Plasma Cell					1 [3.0]
Thymus Infiltration Cellular, Mixed Cell, Diffuse	(12)	(0)	(0)	(0)	(8) 1 [4.0]
<b>INTEGUMENTARY SYSTEM</b>					
Mammary Gland	(13)	(0)	(0)	(0)	(9)
Skin Subcut Tiss, Vulva, Infiltration Cellular, Lipocyte, Focal	(13) 1 [2.0]	(0)	(0)	(0)	(9)
<b>MUSCULOSKELETAL SYSTEM</b>					
None					
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					

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Lung	(13)	(0)	(0)	(0)	(9)
Alveolus, Infiltration Cellular, Histiocyte, Focal	1 [1.0]				
Alveolus, Proteinosis					1 [2.0]
Infiltration Cellular, Mixed Cell, Diffuse					1 [3.0]
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(13)	(0)	(0)	(0)	(9)
Casts Protein	1 [1.0]				
Casts Protein, Focal	1 [1.0]				1 [1.0]
Infiltration Cellular, Lymphocyte	1 [1.0]				1 [1.0]
Infiltration Cellular, Lymphocyte, Focal	6 [1.0]				1 [1.0]
Infiltration Cellular, Plasma Cell					1 [2.0]
Renal Tubule, Cyst, Focal					1 [1.0]
Renal Tubule, Degeneration, Focal	2 [1.5]				
Renal Tubule, Dilatation, Focal	2 [1.0]				
Renal Tubule, Regeneration	1 [1.0]				
Renal Tubule, Regeneration, Focal	3 [1.0]				2 [1.0]

**\*\* END OF REPORT \*\***

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