

Experiment Number: 88031-04
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1

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

Test Compound: Dipropylene glycol
CAS Number: 25265-71-8

Date Report Requested: 10/23/2014
Time Report Requested: 12:35:46
First Dose M/F: NA / NA
Lab: AD LITTLE

C Number:	C88031
Lock Date:	06/10/1992
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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B6C3F1 Mouse MALE	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death						3
Survivors						
Terminal Sacrifice	10	10	10	10	10	7
Animals Examined Microscopically	10			1	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(9)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(6)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(7)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(7)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(7)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(7)
Liver	(10)	(0)	(0)	(1)	(10)	(10)
Centrilobular, Hypertrophy				1 (100%)	9 (90%)	7 (70%)
Hepatocyte, Necrosis						1 (10%)
Inflammation, Chronic Active	2 (20%)					
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Necrosis	1 (10%)					
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(8)
Inflammation, Chronic Active	1 (10%)					1 (13%)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)

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

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B6C3F1 Mouse MALE	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Subcapsular, Hyperplasia	1 (10%)					
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(9)	(0)	(0)	(0)	(0)	(6)
Cyst						1 (17%)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(7)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 (10%)					
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Penis	(0)	(0)	(0)	(0)	(0)	(1)
Inflammation, Chronic Active						1 (100%)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Dilatation	9 (90%)					9 (90%)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(10)	(10)
Atrophy						1 (10%)
Congestion						3 (30%)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(9)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(7)
Spleen	(10)	(0)	(0)	(0)	(10)	(10)

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B6C3F1 Mouse MALE	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Atrophy						3 (30%)
Thymus	(10)	(0)	(0)	(0)	(0)	(8)
Atrophy						1 (13%)
INTEGUMENTARY SYSTEM						
Mammary Gland	(4)	(0)	(0)	(0)	(0)	(2)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
Hair Follicle, Atrophy						1 (10%)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	1 (10%)					
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Pelvis, Inflammation, Chronic Active						1 (10%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

END OF MALE DATA

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice						1
Natural Death				1		
Survivors						
Terminal Sacrifice	10	10	10	9	10	9
Animals Examined Microscopically	10		1	1	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(1)	(0)	(10)
Gallbladder	(9)	(0)	(0)	(1)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(1)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(1)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(1)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(1)	(10)	(10)
Centrilobular, Hypertrophy						9 (90%)
Hepatocyte, Necrosis						1 (10%)
Inflammation, Chronic Active	1 (10%)					1 (10%)
Necrosis						1 (10%)
Vacuolization Cytoplasmic						1 (10%)
Pancreas	(10)	(0)	(0)	(1)	(0)	(10)
Inflammation, Chronic Active	1 (10%)					
Salivary Glands	(10)	(0)	(0)	(1)	(0)	(10)
Inflammation, Chronic	2 (20%)					1 (10%)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(1)	(0)	(10)

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	0.5%	1.0%	2.0%	4.0%	8.0%
Inflammation, Chronic Active	1 (10%)					
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(1)	(0)	(8)
Heart	(10)	(0)	(0)	(1)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(1)	(0)	(10)
Subcapsular, Hyperplasia	3 (30%)					
Adrenal Medulla	(10)	(0)	(0)	(1)	(0)	(9)
Islets, Pancreatic	(10)	(0)	(0)	(1)	(0)	(10)
Parathyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)
Pituitary Gland	(10)	(0)	(0)	(1)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(1)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(9)	(0)	(0)	(1)	(0)	(10)
Dilatation	5 (56%)					5 (50%)
Ovary	(10)	(0)	(0)	(1)	(0)	(10)
Uterus	(10)	(0)	(1)	(1)	(0)	(10)
Hyperplasia, Cystic	4 (40%)					1 (10%)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(1)	(0)	(10)
Atrophy						1 (10%)
Congestion						1 (10%)
Lymph Node, Mandibular	(10)	(0)	(0)	(1)	(1)	(10)
Hyperplasia, Lymphoid					1 (100%)	
Lymph Node, Mesenteric	(9)	(0)	(0)	(1)	(0)	(9)
Spleen	(10)	(0)	(0)	(1)	(0)	(10)

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Atrophy						1 (10%)
Thymus	(10)	(0)	(0)	(1)	(0)	(9)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(1)	(0)	(9)
Skin	(10)	(0)	(0)	(1)	(0)	(10)
Subcut Tiss, Inflammation, Chronic Active	1 (10%)					
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(1)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(1)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(1)	(0)	(10)
Nose	(10)	(0)	(0)	(1)	(0)	(10)
Olfactory Epi, Degeneration, Hyaline	2 (20%)					
Respirat Epith, Degeneration, Hyaline	3 (30%)					
Respirat Epith, Inflammation, Chronic Active	1 (10%)					
Trachea	(9)	(0)	(0)	(1)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(1)	(0)	(10)
Pelvis, Inflammation, Chronic Active	1 (10%)					1 (10%)
Urinary Bladder	(10)	(0)	(0)	(1)	(0)	(10)
Inflammation, Chronic						1 (10%)

** END OF REPORT **

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