

TDMS No. 20209 - 02
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: MICE/B6C3F1

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

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Reqsted: 10/16/2007
Time Report Reqsted: 14:58:05
First Dose M/F: 07/21/04 / 07/22/04
Lab: SRI

F1_M3

C Number: C20209
Lock Date: 12/07/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.8.0

B6C3F1 MICE MALE	0 MG/KG	0.01 MG/KG	5 MG/KG	50 MG/KG	100 MG/KG	500 MG/KG
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice						3
Natural Death						4
Survivors						
Terminal Sacrifice	10	10	10	10	10	3
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation				5 (50%)		2 (20%)
Intestine Small, Ileum	(10)	(0)	(1)	(0)	(10)	(7)
Diverticulum			1 (100%)			
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Infarct					1 (10%)	
Necrosis, Focal						2 (20%)
Hepatocyte, Hypertrophy			1 (10%)	10 (100%)	10 (100%)	10 (100%)
Hepatocyte, Necrosis					1 (10%)	10 (100%)
Hepatocyte, Vacuolization Cytoplasmic						6 (60%)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Erosion						1 (10%)
Inflammation, Chronic						1 (10%)
Epithelium, Hyperplasia			1 (10%)	1 (10%)		1 (10%)
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(9)
Erosion						2 (22%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(9)	(10)	(10)	(10)
Degeneration, Fatty						4 (40%)
Zona Fasciculata, Hypertrophy						5 (50%)
Parathyroid Gland	(10)	(0)	(0)	(0)	(9)	(10)
Cyst						1 (10%)

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GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(10)	(10)
Lumen, Cellular Alteration						1 (10%)
Testes	(10)	(10)	(10)	(10)	(10)	(10)
Abnormal Residual Body			1 (10%)		1 (10%)	5 (50%)
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Lymphoid Follicle, Atrophy		1 (10%)	1 (10%)			3 (30%)
Thymus	(10)	(10)	(9)	(10)	(10)	(9)
Atrophy						6 (67%)
Cyst					1 (10%)	
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(10)	(10)
Cyst Epithelial Inclusion					1 (10%)	1 (10%)
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Foreign Body						1 (10%)
Inflammation		1 (10%)	1 (10%)			1 (10%)
Alveolus, Infiltration Cellular, Mononuclear Cell		1 (10%)				

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

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SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

*** END OF MALE ***

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Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Dosing Accident	1			1	1	3
Moribund Sacrifice						1
Natural Death						1
Survivors						
Terminal Sacrifice	9	10	10	9	9	5
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(10)	(10)	(10)	(10)	(10)
Foreign Body				1 (10%)		
Inflammation	3 (30%)			7 (70%)	1 (10%)	3 (30%)
Perforation						1 (10%)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hepatocyte, Hypertrophy					9 (90%)	6 (60%)
Hepatocyte, Necrosis						6 (60%)
Salivary Glands	(10)	(0)	(0)	(1)	(10)	(10)
Hyperplasia, Lymphoid						1 (10%)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Ulcer						1 (10%)
Epithelium, Hyperplasia						2 (20%)
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Erosion						1 (10%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
Mineralization						1 (10%)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Degeneration, Fatty						2 (20%)
Thyroid Gland	(10)	(0)	(0)	(0)	(9)	(10)
Follicle, Cyst					1 (11%)	

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

B6C3F1 MICE FEMALE	0 MG/KG	0.01 MG/KG	5 MG/KG	50 MG/KG	100 MG/KG	500 MG/KG
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(10)	(1)	(0)	(1)	(10)	(9)
Cyst		1 (100%)				
Uterus	(10)	(0)	(0)	(2)	(10)	(9)
Endometrial Glands, Hyperplasia	1 (10%)					
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(1)	(10)	(10)
Hyperplasia	1 (10%)			1 (100%)		1 (10%)
Lymph Node, Mandibular	(10)	(0)	(0)	(1)	(10)	(10)
Hemorrhage						1 (10%)
Lymph Node, Mesenteric	(9)	(0)	(0)	(1)	(9)	(8)
Atrophy	1 (11%)				1 (11%)	
Spleen	(10)	(0)	(0)	(1)	(10)	(10)
Lymphoid Follicle, Atrophy	1 (10%)				1 (10%)	2 (20%)
Thymus	(9)	(10)	(10)	(10)	(9)	(8)
Atrophy				1 (10%)		3 (38%)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(1)	(10)	(10)
Subcutaneous Tissue, Proliferation					1 (10%)	
Connective Tissue						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						

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Lung	(10)	(10)	(10)	(10)	(10)	(10)
Foreign Body				1 (10%)		
Inflammation			1 (10%)	2 (20%)		
Nose	(10)	(0)	(0)	(1)	(10)	(10)
Inflammation, Chronic						1 (10%)
Pleura	(10)	(10)	(10)	(10)	(10)	(10)
Foreign Body	1 (10%)		1 (10%)			
Inflammation	1 (10%)		1 (10%)	2 (20%)	1 (10%)	3 (30%)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

*** END OF REPORT ***