

Experiment Number: 93023-04
Test Type: 90-DAY
Route: Gavage
Species/Strain: Mouse/B6C3F1

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: 2,4-Hexadienal
CAS Number: 142-83-6
Date Report Requested: 10/21/2014
Time Report Requested: 18:35:59
First Dose M/F: NA / NA
Lab: SRI

C Number: C93023B
Lock Date: 07/30/1997
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	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY	60 MG/KG/DY	120 MG/KG/DY
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Dosing Accident	2					1
Survivors						
Terminal Sacrifice	8	10	10	10	9	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(9)	(0)	(0)	(0)	(1)	(10)
Inflammation, Suppurative, Focal					1 [2.0]	
Muscularis, Necrosis	2 [2.5]				1 [2.0]	
Perforation	1 [3.0]					
Gallbladder	(9)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(1)	(10)
Pancreas	(10)	(0)	(0)	(0)	(1)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(1)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(9)	(10)
Epithelium, Hyperplasia	2 [2.0]					3 [1.3]
Epithelium, Ulcer	1 [2.0]					
Inflammation, Chronic	1 [2.0]					
Stomach, Glandular	(10)	(0)	(0)	(0)	(1)	(10)
Epithelium, Degeneration, Cystic	1 [2.0]					

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

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B6C3F1 Mouse MALE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY	60 MG/KG/DY	120 MG/KG/DY
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(1)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(1)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(9)	(0)	(0)	(0)	(0)	(9)
Cyst						1 [1.0]
Pituitary Gland	(9)	(0)	(0)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(0)	(1)	(9)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Coagulating Gland	(1)	(0)	(0)	(0)	(0)	(0)
Epididymis	(10)	(0)	(0)	(0)	(1)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(1)	(10)
Prostate	(10)	(0)	(0)	(0)	(1)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(1)	(10)
Testes	(10)	(0)	(0)	(0)	(2)	(10)
Germinal Epith, Degeneration					1 [3.0]	
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(1)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(1)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(1)	(10)
Necrosis, Lymphoid	1 [3.0]					
Spleen	(10)	(0)	(0)	(0)	(1)	(10)
Thymus	(10)	(0)	(0)	(0)	(1)	(10)
Atrophy	1 [3.0]				1 [4.0]	

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B6C3F1 Mouse MALE	0	MG/KG/DY	7.5	MG/KG/DY	15	MG/KG/DY	30	MG/KG/DY	60	MG/KG/DY	120	MG/KG/DY
Necrosis, Lymphoid		1 [3.0]										
INTEGUMENTARY SYSTEM												
Skin		(10)		(0)		(0)		(0)		(1)		(10)
Subcut Tiss, Foreign Body		1 [2.0]										
Subcut Tiss, Necrosis, Fatty		1 [3.0]										
MUSCULOSKELETAL SYSTEM												
Bone		(10)		(0)		(0)		(0)		(1)		(10)
Skeletal Muscle		(1)		(0)		(0)		(0)		(0)		(0)
Necrosis, Focal		1 [2.0]										
NERVOUS SYSTEM												
Brain		(10)		(0)		(0)		(0)		(1)		(10)
RESPIRATORY SYSTEM												
Lung		(10)		(0)		(0)		(0)		(1)		(9)
Foreign Body										1 [2.0]		
Mediastinum, Foreign Body		1 [2.0]										
Mediastinum, Inflammation, Suppurative		1 [3.0]								1 [3.0]		
Necrosis		1 [2.0]										
Nose		(10)		(10)		(10)		(10)		(10)		(10)
Exudate											1 [1.0]	
Olfactory Epi, Atrophy											4 [2.5]	
Olfactory Epi, Necrosis											5 [1.2]	
Vomeronas Org, Cyst											1 [2.0]	
Vomeronas Org, Degeneration, Cystic										1 [2.0]		
Pleura		(0)		(0)		(0)		(0)		(1)		(0)
Inflammation, Suppurative										1 [2.0]		
Trachea		(10)		(0)		(0)		(0)		(1)		(10)

SPECIAL SENSES SYSTEM

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

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Route: Gavage

Species/Strain: Mouse/B6C3F1

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Lab: SRI

B6C3F1 Mouse MALE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY	60 MG/KG/DY	120 MG/KG/DY
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(1)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(1)	(10)

END OF MALE DATA

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B6C3F1 Mouse FEMALE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY	60 MG/KG/DY	120 MG/KG/DY
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(9)	(0)	(0)	(0)	(0)	(10)
Inflammation, Granulomatous	1 [2.0]					
Gallbladder	(9)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperplasia					1 [1.0]	5 [1.4]
Stomach, Glandular	(10)	(0)	(0)	(0)	(1)	(10)
Epithelium, Cyst					1 [1.0]	
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)

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Adrenal Medulla		(10)		(0)		(0)		(0)		(0)		(10)
Parathyroid Gland		(9)		(0)		(0)		(0)		(0)		(8)
Pituitary Gland		(9)		(0)		(0)		(0)		(0)		(10)
Thyroid Gland		(10)		(0)		(0)		(0)		(0)		(9)
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Clitoral Gland		(10)		(0)		(0)		(0)		(0)		(10)
Ovary		(10)		(0)		(0)		(0)		(0)		(10)
Uterus		(10)		(0)		(0)		(0)		(0)		(10)
Hyperplasia, Stromal		1 [2.0]										
HEMATOPOIETIC SYSTEM												
Bone Marrow		(10)		(0)		(0)		(0)		(0)		(10)
Lymph Node		(0)		(0)		(0)		(0)		(0)		(1)
Hyperplasia, Lymphoid												1 [2.0]
Lymph Node, Mandibular		(10)		(0)		(0)		(0)		(0)		(10)
Lymph Node, Mesenteric		(10)		(0)		(0)		(0)		(0)		(10)
Spleen		(10)		(0)		(0)		(0)		(0)		(10)
Thymus		(10)		(0)		(0)		(0)		(0)		(10)
INTEGUMENTARY SYSTEM												
Mammary Gland		(10)		(0)		(0)		(0)		(0)		(10)
Skin		(10)		(0)		(0)		(0)		(0)		(10)
Subcut Tiss, Foreign Body, Focal		1 [3.0]										
Subcut Tiss, Inflammation, Suppurative, Focal		1 [3.0]										
MUSCULOSKELETAL SYSTEM												
Bone		(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 FEMALE	0 MG/KG/DY	7.5 MG/KG/DY	15 MG/KG/DY	30 MG/KG/DY	60 MG/KG/DY	120 MG/KG/DY
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Exudate					1 [1.0]	1 [1.0]
Olfactory Epi, Necrosis						5 [1.6]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

** END OF REPORT **

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

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