

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

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

Test Compound: 2,4-Hexadienal
CAS Number: 142-83-6

Date Report Requested: 10/21/2014
Time Report Requested: 18:36:30
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 (100%)			
Muscularis, Necrosis	2 (22%)								1 (100%)			
Perforation	1 (11%)											
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 (20%)										3 (30%)	
Epithelium, Ulcer	1 (10%)											
Inflammation, Chronic	1 (10%)											
Stomach, Glandular	(10)		(0)		(0)		(0)		(1)		(10)	
Epithelium, Degeneration, Cystic	1 (10%)											
CARDIOVASCULAR SYSTEM												

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
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 (11%)	
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 (50%)			
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 (10%)											
Spleen	(10)		(0)		(0)		(0)		(1)		(10)	
Thymus	(10)		(0)		(0)		(0)		(1)		(10)	
Atrophy	1 (10%)								1 (100%)			
Necrosis, Lymphoid	1 (10%)											
INTEGUMENTARY SYSTEM												

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Species/Strain: Mouse/B6C3F1

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
Skin	(10)		(0)		(0)		(0)		(1)		(10)	
Subcut Tiss, Foreign Body	1 (10%)											
Subcut Tiss, Necrosis, Fatty	1 (10%)											
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(0)		(1)		(10)	
Skeletal Muscle	(1)		(0)		(0)		(0)		(0)		(0)	
Necrosis, Focal	1 (100%)											
NERVOUS SYSTEM												
Brain	(10)		(0)		(0)		(0)		(1)		(10)	
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(0)		(1)		(9)	
Foreign Body									1 (100%)			
Mediastinum, Foreign Body	1 (10%)											
Mediastinum, Inflammation, Suppurative	1 (10%)								1 (100%)			
Necrosis	1 (10%)											
Nose	(10)		(10)		(10)		(10)		(10)		(10)	
Exudate											1 (10%)	
Olfactory Epi, Atrophy											4 (40%)	
Olfactory Epi, Necrosis											5 (50%)	
Vomeronas Org, Cyst											1 (10%)	
Vomeronas Org, Degeneration, Cystic									1 (10%)			
Pleura	(0)		(0)		(0)		(0)		(1)		(0)	
Inflammation, Suppurative									1 (100%)			
Trachea	(10)		(0)		(0)		(0)		(1)		(10)	
SPECIAL SENSES SYSTEM												
None												
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(0)		(1)		(10)	

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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
Urinary Bladder	(10)		(0)		(0)		(0)		(1)		(10)	

END OF MALE DATA

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Species/Strain: Mouse/B6C3F1

Lab: SRI

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 (11%)											
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 (10%)		5 (50%)	
Stomach, Glandular	(10)		(0)		(0)		(0)		(1)		(10)	
Epithelium, Cyst									1 (100%)			
CARDIOVASCULAR SYSTEM												
Heart	(10)		(0)		(0)		(0)		(0)		(10)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(0)		(10)	
Adrenal Medulla	(10)		(0)		(0)		(0)		(0)		(10)	

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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 (10%)											
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(0)		(0)		(0)		(0)		(10)	
Lymph Node	(0)		(0)		(0)		(0)		(0)		(1)	
Hyperplasia, Lymphoid											1 (100%)	
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 (10%)											
Subcut Tiss, Inflammation, Suppurative, Focal	1 (10%)											
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(0)		(0)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(0)		(0)		(0)		(0)		(10)	

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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
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(0)		(0)		(10)	
Nose	(10)		(10)		(10)		(10)		(10)		(10)	
Exudate									1 (10%)		1 (10%)	
Olfactory Epi, Necrosis											5 (50%)	
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 ****