

Experiment Number: 93023-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

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

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

Date Report Requested: 10/16/2014
Time Report Requested: 00:56:32
First Dose M/F: NA / NA
Lab: MBA

C Number: C93023
Lock Date: 03/01/1996
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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F 344/N Rat MALE	0.0 MG/KG	3.0 MG/KG	9.0 MG/KG	27.0 MG/KG	80.0 MG/KG	240.0 MG/KG
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Moribund Sacrifice						1
Natural Death						2
Survivors						
Terminal Sacrifice	5	5	5	5	5	2
Animals Examined Microscopically	5				5	5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(0)	(0)	(5)	(5)
Inflammation, Chronic Active, Focal Necrosis, Focal						1 (20%) 1 (20%)
Stomach, Forestomach	(5)	(0)	(0)	(5)	(5)	(5)
Epithelium, Hyperplasia, Diffuse					5 (100%)	
Epithelium, Hyperplasia, Focal						1 (20%)
Inflammation, Acute, Focal						1 (20%)
Inflammation, Chronic Active, Focal					1 (20%)	
Necrosis, Diffuse						3 (60%)
Ulcer, Chronic Active, Focal					3 (60%)	2 (40%)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(1)
Necrosis, Diffuse						1 (100%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						

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

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GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Spleen	(0)	(0)	(0)	(0)	(0)	(2)
Inflammation, Chronic Active, Diffuse						1 (50%)
Inflammation, Chronic Active, Focal						1 (50%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(5)	(4)
Renal Tubule, Degeneration, Focal	1 (20%)					

END OF MALE DATA

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Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death						3
Survivors						
Terminal Sacrifice	5	5	5	5	5	2
Animals Examined Microscopically	5				5	5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(0)	(0)	(5)	(5)
Hepatodiaphragmatic Nodule	1 (20%)					
Inflammation, Chronic Active						1 (20%)
Serosa, Inflammation, Chronic Active, Focal						1 (20%)
Stomach, Forestomach	(5)	(0)	(0)	(5)	(5)	(5)
Epithelium, Hyperplasia, Diffuse					3 (60%)	
Epithelium, Hyperplasia, Focal						1 (20%)
Inflammation, Acute, Focal						1 (20%)
Inflammation, Chronic Active, Diffuse					1 (20%)	
Necrosis, Diffuse						3 (60%)
Ulcer, Chronic Active, Focal					1 (20%)	2 (40%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
Peritoneum	(0)	(0)	(0)	(0)	(0)	(1)
Inflammation, Chronic Active						1 (100%)
GENITAL SYSTEM						

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

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Uterus	(0)	(0)	(0)	(1)	(0)	(0)
Hydrometra				1 (100%)		
HEMATOPOIETIC SYSTEM						
Spleen	(0)	(0)	(0)	(0)	(0)	(3)
Inflammation, Chronic Active						1 (33%)
Inflammation, Chronic Active, Focal						1 (33%)
Necrosis, Focal						1 (33%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(5)	(3)

** END OF REPORT **