

Experiment Number: 99037-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 10/22/2014
Time Report Requested: 20:55:58
First Dose M/F: NA / NA
Lab: MBA

C Number:	C99037
Lock Date:	01/24/2002
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	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death						1
Survivors						
Terminal Sacrifice	5	5	5	5	5	4
Animals Examined Microscopically	5			1		5
ALIMENTARY SYSTEM						
Esophagus	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Cecum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Colon	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Rectum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Duodenum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Ileum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Jejunum	(5)	(0)	(0)	(0)	(0)	(5)
Liver	(5)	(0)	(0)	(1)	(0)	(5)
Centrilobular, Vacuolization Cytoplasmic	2 [1.0]					1 [1.0]
Hepatodiaphragmatic Nodule				1		
Pancreas	(5)	(0)	(0)	(0)	(0)	(5)
Salivary Glands	(5)	(0)	(0)	(0)	(0)	(5)
Stomach, Forestomach	(5)	(0)	(0)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(5)	(0)	(0)	(0)	(0)	(5)
Heart	(5)	(0)	(0)	(0)	(0)	(5)
ENDOCRINE SYSTEM						
Adrenal Cortex	(5)	(0)	(0)	(0)	(0)	(5)

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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F 344/N Rat MALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Adrenal Medulla	(5)	(0)	(0)	(0)	(0)	(5)
Islets, Pancreatic	(5)	(0)	(0)	(0)	(0)	(5)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(3)
Pituitary Gland	(5)	(0)	(0)	(0)	(0)	(5)
Thyroid Gland	(5)	(0)	(0)	(0)	(0)	(5)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(5)	(0)	(0)	(0)	(0)	(5)
Preputial Gland	(5)	(0)	(0)	(0)	(0)	(5)
Prostate	(5)	(0)	(0)	(0)	(0)	(5)
Seminal Vesicle	(4)	(0)	(0)	(0)	(0)	(4)
Testes	(5)	(0)	(0)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(5)	(0)	(0)	(0)	(0)	(5)
Lymph Node, Mesenteric	(5)	(0)	(0)	(0)	(0)	(5)
Spleen	(5)	(0)	(0)	(0)	(0)	(5)
Thymus	(5)	(0)	(0)	(0)	(0)	(5)
INTEGUMENTARY SYSTEM						
Mammary Gland	(3)	(0)	(0)	(0)	(0)	(2)
Skin	(5)	(0)	(0)	(0)	(0)	(5)
MUSCULOSKELETAL SYSTEM						
Bone	(5)	(0)	(0)	(0)	(0)	(5)
Skeletal Muscle	(5)	(0)	(0)	(0)	(0)	(5)
NERVOUS SYSTEM						
Brain, NOS	(5)	(0)	(0)	(0)	(0)	(5)
Peripheral Nerve, Sciatic	(5)	(0)	(0)	(0)	(0)	(5)

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Peripheral Nerve, Sciatic	(5)	(0)	(0)	(0)	(0)	(5)
Spinal Cord, Cervical	(5)	(0)	(0)	(0)	(0)	(5)
Spinal Cord, Lumbar	(5)	(0)	(0)	(0)	(0)	(5)
RESPIRATORY SYSTEM						
Larynx	(3)	(0)	(0)	(0)	(0)	(3)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Perivascular, Infiltration Cellular, Lymphocyte	1 [1.0]					2 [1.0]
Nose	(5)	(0)	(0)	(0)	(0)	(4)
Trachea	(5)	(0)	(0)	(0)	(0)	(5)
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(0)	(0)	(5)
Harderian Gland	(5)	(0)	(0)	(0)	(0)	(5)
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Urinary Bladder	(5)	(0)	(0)	(0)	(0)	(5)

END OF MALE DATA

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

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F 344/N Rat FEMALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5					5
ALIMENTARY SYSTEM						
Esophagus	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Cecum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Colon	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Rectum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Duodenum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Ileum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Jejunum	(5)	(0)	(0)	(0)	(0)	(5)
Liver	(5)	(0)	(0)	(0)	(0)	(5)
Centrilobular, Vacuolization Cytoplasmic						1 [1.0]
Pancreas	(5)	(0)	(0)	(0)	(0)	(5)
Salivary Glands	(5)	(0)	(0)	(0)	(0)	(5)
Stomach, Forestomach	(5)	(0)	(0)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(5)	(0)	(0)	(0)	(0)	(5)
Heart	(5)	(0)	(0)	(0)	(0)	(5)
ENDOCRINE SYSTEM						
Adrenal Cortex	(5)	(0)	(0)	(0)	(0)	(5)
Adrenal Medulla	(5)	(0)	(0)	(0)	(0)	(5)
Islets, Pancreatic	(5)	(0)	(0)	(0)	(0)	(5)

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Parathyroid Gland	(3)	(0)	(0)	(0)	(0)	(4)
Pituitary Gland	(5)	(0)	(0)	(0)	(0)	(5)
Thyroid Gland	(5)	(0)	(0)	(0)	(0)	(5)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(5)	(0)	(0)	(0)	(0)	(5)
Ovary	(5)	(0)	(0)	(0)	(0)	(5)
Uterus	(5)	(0)	(0)	(0)	(0)	(5)
Hydrometra	1 [1.0]					
HEMATOPOIETIC SYSTEM						
Bone Marrow	(5)	(0)	(0)	(0)	(0)	(5)
Lymph Node, Mesenteric	(5)	(0)	(0)	(0)	(0)	(5)
Spleen	(5)	(0)	(0)	(0)	(0)	(5)
Thymus	(5)	(0)	(0)	(0)	(0)	(5)
INTEGUMENTARY SYSTEM						
Mammary Gland	(5)	(0)	(0)	(0)	(0)	(5)
Skin	(5)	(0)	(0)	(0)	(0)	(5)
MUSCULOSKELETAL SYSTEM						
Bone	(5)	(0)	(0)	(0)	(0)	(5)
Skeletal Muscle	(5)	(0)	(0)	(0)	(0)	(5)
NERVOUS SYSTEM						
Brain, NOS	(5)	(0)	(0)	(0)	(0)	(5)
Peripheral Nerve, Sciatic	(5)	(0)	(0)	(0)	(0)	(5)
Spinal Cord, Cervical	(5)	(0)	(0)	(0)	(0)	(5)
Spinal Cord, Lumbar	(5)	(0)	(0)	(0)	(0)	(5)

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F 344/N Rat FEMALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
RESPIRATORY SYSTEM						
Larynx	(1)	(0)	(0)	(0)	(0)	(4)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Alveolus, Hemorrhage, Focal	1 [1.0]					1 [1.0]
Inflammation, Chronic Active, Focal	1 [3.0]					
Nose	(5)	(0)	(0)	(0)	(0)	(5)
Trachea	(5)	(0)	(0)	(0)	(0)	(5)
SPECIAL SENSES SYSTEM						
Eye	(5)	(0)	(0)	(0)	(0)	(5)
Harderian Gland	(5)	(0)	(0)	(0)	(0)	(5)
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Urinary Bladder	(5)	(0)	(0)	(0)	(0)	(5)

**** END OF REPORT ****

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