

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

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 09/19/2016
Time Report Requested: 14:00:38
First Dose M/F: 05/07/01 / 05/07/01
Lab: MBA

NTP Study Number: C99037
Lock Date: 01/24/2002
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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FISCHER 344 RATS MALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
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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)
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)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(3)

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

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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)

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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)

RESPIRATORY SYSTEM						
Larynx	(3)	(0)	(0)	(0)	(0)	(3)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
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)

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Lab: MBA

FISCHER 344 RATS MALE

VEHICLE CONTROL

1.0 MG/KG

3.0 MG/KG

10.0 MG/KG

30.0 MG/KG

100 MG/KG

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

*** END OF MALE ***

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

b - Primary tumors: all tumors except metastatic tumors

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Lab: MBA

FISCHER 344 RATS 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)
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)
Parathyroid Gland	(3)	(0)	(0)	(0)	(0)	(4)
Pituitary Gland	(5)	(0)	(0)	(0)	(0)	(5)

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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)
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)

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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	(1)	(0)	(0)	(0)	(0)	(4)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
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)

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FISCHER 344 RATS FEMALE

VEHICLE CONTROL

1.0 MG/KG

3.0 MG/KG

10.0 MG/KG

30.0 MG/KG

100 MG/KG

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

*** END OF REPORT ***

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

b - Primary tumors: all tumors except metastatic tumors