

**Experiment Number:** 92005-01

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**

**Test Compound:** Methyl vinyl ketone

**CAS Number:** 78-94-4

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 07:35:52

**First Dose M/F:** NA / NA

**Lab:** NIEHS

<b>C Number:</b>	C92005
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat MALE	0PPM	0.5PPM	1PPM	2PPM
<b>Disposition Summary</b>				
Animals Initially In Study	9	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	9	10	10	10
Animals Examined Microscopically	9	10	10	10
ALIMENTARY SYSTEM				
Liver	(9)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
Heart	(9)	(0)	(0)	(9)
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(9)	(0)	(0)	(8)
Testes	(9)	(0)	(0)	(9)
HEMATOPOIETIC SYSTEM				
Spleen	(9)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
Bone	(9)	(0)	(0)	(10)
NERVOUS SYSTEM				

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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Lab: NIEHS

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None				
RESPIRATORY SYSTEM				
Larynx	(9)	(0)	(0)	(10)
Lung	(9)	(0)	(0)	(10)
Nose	(9)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(9)	(0)	(0)	(10)

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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<b>F 344/N Rat MALE</b>	<b>0PPM</b>	<b>0.5PPM</b>	<b>1PPM</b>	<b>2PPM</b>
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**Tumor Summary for MALE**

**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**

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\*\*\*END OF MALE DATA\*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat FEMALE	0PPM	0.5PPM	1PPM	2PPM
<b>Disposition Summary</b>				
Animals Initially In Study	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
Heart	(10)	(0)	(0)	(10)
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Ovary	(10)	(0)	(0)	(10)
Uterus	(10)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM				
Spleen	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
Bone	(10)	(0)	(0)	(10)
NERVOUS SYSTEM				

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

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Lab: NIEHS

F 344/N Rat FEMALE	0PPM	0.5PPM	1PPM	2PPM
None				
RESPIRATORY SYSTEM				
Larynx	(10)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)

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

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**F 344/N Rat FEMALE**

**0PPM**

**0.5PPM**

**1PPM**

**2PPM**

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**Tumor Summary for FEMALE**

**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**

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**\*\* 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

\* Number of animals with any tissue examined microscopically