

**Experiment Number:** 92005-02  
**Test Type:** 90-DAY  
**Species/Strain:** Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Methyl vinyl ketone  
**CAS Number:** 78-94-4

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 22:42:59  
**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

Experiment Number: 92005-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/19/2014

Time Report Requested: 22:42:59

First Dose M/F: NA / NA

Lab: NIEHS

<b>B6C3F1 Mouse Male</b> <b>0PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	0	1	1	1	1	1	1	1	
		9	9	0	1	1	1	2	2	3	4
		8	9	0	0	7	9	6	8	6	0
		<b>*TOTALS</b>									

**Alimentary System**

Liver + + + + + + + + + + 10

**Cardiovascular System**

Heart + + + + + + + + + + 10

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Epididymis + + + M + + + + + 9

Testes + + + + + + + + + + 10

**Hematopoietic System**

Spleen + + + + + + + + + + 10

**Integumentary System**

NONE

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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 Lab: NIEHS

B6C3F1 Mouse Male 0PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	2	0	9	8	0	2	0	9	8	
NONE		0	0	0	0	0	0	0	0	0	0	
<b>Respiratory System</b>												
Larynx		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>												
NONE												
<b>Urinary System</b>												
Kidney		+	+	+	+	+	+	+	+	+	+	10
<b>SYSTEMIC LESIONS</b>												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

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Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/19/2014

Time Report Requested: 22:42:59

First Dose M/F: NA / NA

Lab: NIEHS

**B6C3F1 Mouse Male  
0.5PPM**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	0	1	2	3	3	4	4	4	4	4
	8	1	7	0	2	1	2	3	4	7

**\*TOTALS**

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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 Species/Strain: Mouse/B6C3F1

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 Time Report Requested: 22:42:59  
 First Dose M/F: NA / NA  
 Lab: NIEHS

**B6C3F1 Mouse Male  
 0.5PPM**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1	1
	0	1	2	3	3	4	4	4	4	4	4
	8	1	7	0	2	1	2	3	4	7	
	*TOTALS										

**Respiratory System**

Nose + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically

Experiment Number: 92005-02

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Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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CAS Number: 78-94-4

Date Report Requested: 10/19/2014

Time Report Requested: 22:42:59

First Dose M/F: NA / NA

Lab: NIEHS

<b>B6C3F1 Mouse Male 1PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	2	2	3	3	4	4
		3	4	6	8	3	9	7	8	6	9
		<b>*TOTALS</b>									

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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 First Dose M/F: NA / NA  
 Lab: NIEHS

**B6C3F1 Mouse Male  
 1PPM**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	2	2	3	3	4	4	4
	3	4	6	8	3	9	7	8	6	9	9
	<b>*TOTALS</b>										

**Respiratory System**

Nose + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
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 Lab: NIEHS

B6C3F1 Mouse Male 2PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	0	1	1	1	1	1	1	1	1	1	1
	9	0	0	0	2	2	2	3	3	3	3
	7	1	2	4	0	1	2	1	5	9	9
											*TOTALS

**Alimentary System**

Liver + + + + + + + + + + 10

**Cardiovascular System**

Heart + + + + + + + + + + 10

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Epididymis + + + + + + + + + + 10

Testes + + + + + + + + + + 10

**Hematopoietic System**

Spleen + + + + + + + + + + 10

**Integumentary System**

NONE

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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A ..Autolysis precludes evaluation

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Species/Strain: Mouse/B6C3F1

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CAS Number: 78-94-4

Date Report Requested: 10/19/2014

Time Report Requested: 22:42:59

First Dose M/F: NA / NA

Lab: NIEHS

<b>B6C3F1 Mouse Male</b> <b>2PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	3	3	3	3	3	3	3	3	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	1	1	1	1	1	1	1	1	
		9	0	0	0	2	2	2	3	3	
		7	1	2	4	0	1	2	1	5	<b>*TOTALS</b>

NONE											
<b>Respiratory System</b>											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10

NONE											
<b>Special Senses System</b>											
NONE											
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10

<b>SYSTEMIC LESIONS</b>											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

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

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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M ..Missing tissue  
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First Dose M/F: NA / NA

Lab: NIEHS

<b>B6C3F1 Mouse Female</b> <b>0PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	1	
		5	5	7	7	7	8	8	8	9	
		0	8	3	6	8	4	5	8	1	
		<b>*TOTALS</b>									

NONE											
<b>Respiratory System</b>											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>											
NONE											
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
<b>SYSTEMIC LESIONS</b>											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Experiment Number: 92005-02  
 Test Type: 90-DAY  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl vinyl ketone  
 CAS Number: 78-94-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 22:42:59  
 First Dose M/F: NA / NA  
 Lab: NIEHS

<b>B6C3F1 Mouse Female</b> <b>0.5PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	2	2	
		5	5	6	7	8	9	9	9	0	0
		4	6	7	1	2	4	6	9	0	1
		*TOTALS									

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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Experiment Number: 92005-02  
 Test Type: 90-DAY  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl vinyl ketone  
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Date Report Requested: 10/19/2014  
 Time Report Requested: 22:42:59  
 First Dose M/F: NA / NA  
 Lab: NIEHS

B6C3F1 Mouse Female 0.5PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	4	4	4	4	4	4	4	4	4	
		0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	2	2	
		5	5	6	7	8	9	9	9	0	0	
		4	6	7	1	2	4	6	9	0	1	
<b>Respiratory System</b>												
Nose		+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>												
NONE												
<b>Urinary System</b>												
NONE												
<b>SYSTEMIC LESIONS</b>												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
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Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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Date Report Requested: 10/19/2014

Time Report Requested: 22:42:59

First Dose M/F: NA / NA

Lab: NIEHS

<b>B6C3F1 Mouse Female 1PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	2	
		5	6	6	6	6	7	7	8	9	0
		5	0	2	5	8	0	7	6	8	3
		<b>*TOTALS</b>									

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Date Report Requested: 10/19/2014

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First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Female 1PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	2	1	5	5	0	2	1	6	0	
Respiratory System												
Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
NONE												
Urinary System												
NONE												
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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M ..Missing tissue  
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B6C3F1 Mouse Female 2PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1	1
	5	6	6	7	7	7	8	8	8	9	9
	9	3	6	4	5	9	1	7	9	0	0
		*TOTALS									

**Alimentary System**

Liver + + + + + + + + + + 10

**Cardiovascular System**

Heart + + + + + + + + + + 10

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary + + + + + + + + + + 10

Uterus + + + + + + + + + + 10

**Hematopoietic System**

Spleen + + + + + + + + + + 10

**Integumentary System**

NONE

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl vinyl ketone  
 CAS Number: 78-94-4

Date Report Requested: 10/19/2014  
 Time Report Requested: 22:43:00  
 First Dose M/F: NA / NA  
 Lab: NIEHS

<b>B6C3F1 Mouse Female</b> <b>2PPM</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		4	4	4	4	4	4	4	4	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	1	
		5	6	6	7	7	7	8	8	8	
		9	3	6	4	5	9	1	7	9	0
		*TOTALS									

NONE											
<b>Respiratory System</b>											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>											
NONE											
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
<b>SYSTEMIC LESIONS</b>											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

\*\* END OF REPORT \*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically