

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Methyl vinyl ketone
CAS Number: 78-94-4

Date Report Requested: 10/19/2014
Time Report Requested: 22:44:02
First Dose M/F: NA / NA
Lab: NIEHS

C Number:	C92005
Lock Date:	Not Entered.
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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CAS Number: 78-94-4

Date Report Requested: 10/19/2014

Time Report Requested: 22:44:02

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male	0PPM	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		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	0	1	1	1	1	1	1	1	1	1	
		9	9	0	1	1	1	2	2	3	4	4	
		8	9	0	0	7	9	6	8	6	6	0	
*TOTALS													

Alimentary System

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

Cardiovascular System

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

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis + + + M + + + + + 9

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

Seminif Tub, Degeneration 1 1 1.0

Hematopoietic System

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

Integumentary System

NONE

Musculoskeletal System

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

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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		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
		*TOTALS									

Nervous System

NONE

Respiratory System

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Lung	+	+	+	+	+	+	+	+	+	+	10	
Artery, Mineralization	2										1	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy								1			1	1.0

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Time Report Requested: 22:44:02

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	
		2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	1	1	
		0	1	2	3	3	4	4	4	4	
		8	1	7	0	2	1	2	3	4	*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

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X ..Lesion present

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 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

Respiratory System

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

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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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	
		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	
											*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 lesion and mean severity grade

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**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	
	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	
	1	1	1	1	2	2	3	3	4	4	
	3	4	6	8	3	7	8	6	9		*TOTALS

Respiratory System

Nose + + + + + + + + + 10

Special Senses System

NONE

Urinary System

NONE

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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
		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	
		*TOTALS									

Alimentary System

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

Cardiovascular System

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

Endocrine System

NONE

General Body System

NONE

Genital System

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

Perivascular, Inflammation, Chronic 2 1 2.0

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

Hematopoietic System

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

Integumentary System

NONE

Musculoskeletal System

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

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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
		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	
		*TOTALS									

Nervous System

NONE

Respiratory System

Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Respirat Epith, Metaplasia, Squamous	1		1	1		1	1	1	1	1	8 1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Atrophy				1							1 1.0

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Lab: NIEHS

B6C3F1 Mouse Female 0PPM	DAY ON TEST										*TOTALS
	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	0	
	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	5	5	7	7	7	8	8	8	9	9	
	0	8	3	6	8	4	5	8	1	7	

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

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B6C3F1 Mouse Female 0PPM	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	0	
	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	5	5	7	7	7	8	8	8	9	9	
	0	8	3	6	8	4	5	8	1	7	
		*TOTALS									

NONE											
Respiratory System											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
NONE											
Urinary System											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy						1					1 1.0

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Lab: NIEHS

B6C3F1 Mouse Female 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
		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

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B6C3F1 Mouse Female 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
		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	0	0	
		4	6	7	1	2	4	6	9	0	
		*TOTALS									

Respiratory System

Nose	+	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	---	----

Special Senses System

NONE

Urinary System

NONE

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B6C3F1 Mouse Female 1PPM	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	
											*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 lesion and mean severity grade

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B6C3F1 Mouse Female 1PPM	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
		*TOTALS									

Respiratory System

Nose	+	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	---	----

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Lab: NIEHS

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	
		4	4	4	4	4	4	4	4	4	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	*TOTALS	
	2	2	2	2	2	2	2	2	2	2		
	1	1	1	1	1	1	1	1	1	1		
	5	6	6	7	7	7	8	8	8	9		
	9	3	6	4	5	9	1	7	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic										1	1 1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
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Endocrine System

NONE

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Spleen	+	+	+	+	+	+	+	+	+	+	10
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Integumentary System

NONE

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	10
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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 92005-02

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/19/2014

Time Report Requested: 22:44:02

First Dose M/F: NA / NA

Lab: NIEHS

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	
		4	4	4	4	4	4	4	4	4	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	*TOTALS	
		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		

Nervous System

NONE

Respiratory System

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Chronic						1					1	1.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Nose	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Chronic										1	1	1.0
Respirat Epith, Metaplasia, Squamous			1	1		1	1	1		1	7	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy								1	1		2	1.0

** END OF REPORT **

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