Experiment Number: 92005-02 **Test Type:** 90-DAY

Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

First Dose M/F: NA / NA

Lab: NIEHS

C Number: C92005

Lock Date: Not Entered.

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Test Type: 90-DAY

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 0PPM	DAY ON TEST ANIMAL ID	0 9 3 0 2 0 9 8	0 9 3 0 2 0 9 9	0 9 3 0 2 1 0	0 9 3 0 2 1 1	0 9 3 0 2 1 1	0 9 3 0 2 1 1 9	0 9 3 0 2 1 2 6	0 9 3 0 2 1 2 8	0 9 3 0 2 1 3 6	0 9 3 0 2 1 4	*TOTALS
Alimentary System												1017120
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
Heart Endocrine System		+	+	+	+	+	+	+	+	+	+	10
NONE General Body System												
NONE Genital System												
Epididymis Testes Hematopoietic System		+	+	+	M +	+	+	+	+	+	+	9
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Test Type: 90-DAY

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 0PPM	DAY ON TEST	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	
	ANIMAL ID	0 2 0 9 8	0 2 0 9	0 2 1 0	0 2 1 1 0	0 2 1 1 7	0 2 1 1 9	0 2 1 2 6	0 2 1 2 8	0 2 1 3 6	0 2 1 4 0	*TOTALS
NONE												
Respiratory System												
Larynx		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
NONE												
Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 78-94-4

Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

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
AMIMAL ID	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

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment	Number: 92005-02	
------------	------------------	--

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

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
AMIMAL ID	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

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

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

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 78-94-4

Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Time Report Requested: 22:43:03

Date Report Requested: 10/19/2014

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
	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
AMIMAL ID	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	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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experim	ient N	lumber:	92005-02
---------	--------	---------	----------

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 1PPM	DAY ON TEST	9 3	0 9 3 0 2 1 1	0 9 3 0 2 1 1 6	0 9 3 0 2 1 1 8	0 9 3 0 2 1 2 3	0 9 3 0 2 1 2 9	0 9 3 0 2 1 3	0 9 3 0 2 1 3 8	0 9 3 0 2 1 4 6	0 9 3 0 2 1 4 9	*TOTALS
Respiratory System	-											
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE												

Urinary System

NONE

SYSTEMIC LESIONS

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

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Test Type: 90-DAY

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:03

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 2PPM	DAY ON TEST	0 9 3 0 2 0 9 7	0 9 3 0 2 1 0	0 9 3 0 2 1 0 2	0 9 3 0 2 1 0 4	0 9 3 0 2 1 2	0 9 3 0 2 1 2	0 9 3 0 2 1 2 2	0 9 3 0 2 1 3	0 9 3 0 2 1 3 5	0 9 3 0 2 1 3 9	*TOTALS
Alimentary System		•										
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
Heart Endocrine System		+	+	+	+	+	+	+	+	+	+	10
NONE General Body System												
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Testes Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	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

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1 CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Male 2PPM	DAY ON TEST ANIMAL ID	0 9 3 0 2 0 9 7	0 9 3 0 2 1 0	0 9 3 0 2 1 0 2	0 9 3 0 2 1 0 4	0 9 3 0 2 1 2 0	0 9 3 0 2 1 2	0 9 3 0 2 1 2 2	0 9 3 0 2 1 3	0 9 3 0 2 1 3 5	0 9 3 0 2 1 3 9	*TOTALS
NONE												
Respiratory System												
Larynx		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+ ***	+ EN[+ O O	+ F M	10 IALE DATA***

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Test Type: 90-DAY

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Femal 0PPM	DAY ON TEST e ANIMAL ID	0 9 4 0 2 1 5	0 9 4 0 2 1 5 8	0 9 4 0 2 1 7 3	0 9 4 0 2 1 7 6	0 9 4 0 2 1 7 8	0 9 4 0 2 1 8 4	0 9 4 0 2 1 8 5	0 9 4 0 2 1 8 8	0 9 4 0 2 1 9	0 9 4 0 2 1 9 7	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
Heart Endocrine System		+	+	+	+	+	+	+	+	+	+	10
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Female		0 9 4	0 0 9 4									
NONE	ANIMAL ID	0 2 1 5 0	2 1 5 8	2 1 7 3	2 1 7 6	2 1 7 8	2 1 8 4	2 1 8 5	2 1 8 8	2 1 9	2 1 9 7	*TOTALS
NONE												
Respiratory System												
Larynx		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
NONE												
Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

Test Compound: Methyl vinyl ketone

*TOTALS

CAS Number: 78-94-4

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Time Report Requested: 22:43:04

Lab: NIEHS

DAY ON TE	$ST \; heta$	0	0	0	0	0	0	0	0	0
DCC2E4 Mayor Famala	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	9	9	9	9	9	9	9	9	9	9
0.5PPM	4	4	4	4	4	4	4	4	4	4
ANIMAL	ID 0	0	0	0	0	0	0	0	0	0
ANIIVIAL	2 טו -	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 1

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

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 92005-02 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1 **CAS Number:** 78-94-4 Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

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

X ..Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

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

*TOTALS

Alimentary System

Test Type: 90-DAY

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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 92005-02 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1 **CAS Number:** 78-94-4 Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Femal 1PPM	DAY ON TEST e ANIMAL ID	0 9 4 0 2 1 5	0 9 4 0 2 1 6	0 9 4 0 2 1 6	0 9 4 0 2 1 6	0 9 4 0 2 1 6	0 9 4 0 2 1 7	0 9 4 0 2 1 7	0 9 4 0 2 1 8	0 9 4 0 2 1	0 9 4 0 2 2	
Respiratory System		5	0	2	5	8	0	7	6	8	3	*TOTALS
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
NONE SYSTEMIC LESIONS												

X ..Lesion present

I .. Insufficient tissue

Multiple Organ

M .. Missing tissue

10

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Test Type: 90-DAY

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Female 2PPM	DAY ON TEST	0 9 4	0 9 4 0 2 1 6 3	0 9 4 0 2 1 6	0 9 4 0 2 1 7 4	0 9 4 0 2 1 7 5	0 9 4 0 2 1 7 9	0 9 4 0 2 1 8	0 9 4 0 2 1 8 7	0 9 4 0 2 1 8 9	0 9 4 0 2 1 9	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
Heart Endocrine System		+	+	+	+	+	+	+	+	+	+	10
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl vinyl ketone

Species/Strain: Mouse/B6C3F1

Test Type: 90-DAY

CAS Number: 78-94-4

Date Report Requested: 10/19/2014 Time Report Requested: 22:43:04

First Dose M/F: NA / NA

Lab: NIEHS

B6C3F1 Mouse Femal 2PPM	DAY ON TEST e ANIMAL ID	0 9 4 0 2 1 5	0 9 4 0 2 1 6 3	0 9 4 0 2 1 6 6	0 9 4 0 2 1 7	0 9 4 0 2 1 7 5	0 9 4 0 2 1 7	0 9 4 0 2 1 8	0 9 4 0 2 1 8 7	0 9 4 0 2 1 8 9	0 9 4 0 2 1 9	*TOTALS
Respiratory System												
												4.0
Larynx		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+ * EN	+ ND	+ OF	10 REPORT **

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$..Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically