### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Methyl vinyl ketone CAS Number: 78-94-4 Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 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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Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

F 344/N Rat Male 0PPM	DAY ON TEST ANIMAL ID	0 9 4 0 1 8 7 2	0 9 4 0 1 8 7 3	0 9 4 0 1 9 0 7	0 9 4 0 1 9 1 4	0 9 4 0 1 9 2 4	0 9 4 0 1 9 2 5	0 9 4 0 1 9 2 7	0 9 4 0 1 9 3 6	0 9 4 0 1 9 4 0	*TC	TALS_
Alimentary System Liver Hematopoietic Cell Prolife Cardiovascular System	ration	+	+	+ 1	+	+	+	+	+	+	9	1 1.0
Heart Cardiomyopathy Endocrine System		+ 1	+	+	+	+	+	+	+	+	9	1 1.0
NONE General Body System												
NONE Genital System												
Epididymis Testes <b>Hematopoietic System</b>		+ +	9 9									
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	9	
NONE Musculoskeletal System												

\* ..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

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F 344/N Rat Male 0PPM	DAY ON TEST ANIMAL ID	0 9 4 0 1 8 7 2	0 9 4 0 1 8 7 3	0 9 4 0 1 9 0 7	0 9 4 0 1 9 1 4	0 9 4 0 1 9 2 4	0 9 4 0 1 9 2 5	0 9 4 0 1 9 2 7	0 9 4 0 1 9 3 6	0 9 4 0 1 9 4 0	*TC	ΟΤΑ	LS
Bone		+	+	+	+	+	+	+	+	+	9		
Nervous System													
NONE													
Respiratory System													
Larynx		+	+	+	+	+	+	+	+	+	9		
Lung		+	+	+	+	+	+	+	+	+	9		
Inflammation, Chronic				1		1	1			1		4	1.0
Metaplasia, Osseous Nose					+	1 +	+		+		9	1	1.0
Special Senses System		+	+	+	Ŧ	Ŧ	Ŧ	+	Ŧ	+	9		
NONE													
Urinary System													
Kidney		+	+	+	+	+	+	+	+	+	9		
Nephropathy		1	1	1		1				1		5	1.0

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CAS Number: 78-94-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

F 344/N Rat Male 0.5PPM	DAY ON TEST ANIMAL ID	0 9 4 0 1 8 5 4	0 9 4 0 1 8 6 4	0 9 4 0 1 8 7 4	0 9 4 0 1 8 7 9	0 9 4 0 1 8 9 6	0 9 4 0 1 8 9 8	0 9 4 0 1 9 0 4	0 9 4 0 1 9 0 8	0 9 4 0 1 9 0 9	0 9 4 0 1 9 3 3 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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

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CAS Number: 78-94-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

	DAY ON TEST	0 0	0	0 0	0	0	0	0	0	0 0	0			
F 344/N Rat Male 0.5PPM		9 4												
	ANIMAL ID	0 1 8 5	0 1 8 6	0 1 8 7	0 1 8 7	0 1 8 9	0 1 8 9	0 1 9 0	0 1 9 0	0 1 9 0	0 1 9 3	***	Ξ.	
Respiratory System		4	4	4	9	6	8	4	8	9	3	*TO	<u>IA</u>	LS
Nose Respirat Epith, Hyperplasia	I	+	+ 1	+ 1	+	+	+ 1	+	+	+ 1	+ 1	10	5	1.0
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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Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

F 344/N Rat Male 1PPM	DAY ON TEST ANIMAL ID	0 9 4 0 1 8 5 6	0 9 4 0 1 8 6 1	0 9 4 0 1 8 7 1	0 9 4 0 1 8 9 0	0 9 4 0 1 9 0 6	0 9 4 0 1 9 1 5	0 9 4 0 1 9 1 9	0 9 4 0 1 9 2 1	0 9 4 0 1 9 2 3	0 9 4 0 1 9 3 0	*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

+ .. Tissue examined microscopically

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F 344/N Rat Male 1PPM	DAY ON TEST	0 0 9 4											
	ANIMAL ID	0 1 8 5 6	0 1 8 6 1	0 1 8 7 1	0 1 8 9 0	0 1 9 0 6	0 1 9 1 5	0 1 9 1 9	0 1 9 2 1	0 1 9 2 3	0 1 9 3 0	*TOTA	ALS_
Respiratory System													
Nose		+	+	+	+	+	+	+	+	+	+	10	
Respirat Epith, Hyperpla	sia	2	1	2	1	1	2	1	1	2	1	10	1.4
Respirat Epith, Metaplas Special Senses System	ia, Squamous	2	2	2	2	1	2	1	1	2	1	10	1.6

NONE

**Urinary System** 

NONE

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

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Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

F 344/N Rat Male 2PPM	DAY ON TEST ANIMAL ID	0 9 4 0 1 8 6 0	0 9 4 0 1 8 6 2	0 9 4 0 1 8 6 5	0 9 4 0 1 8 6 6	0 9 4 0 1 8 6 9	0 9 4 0 1 9 0 3	0 9 4 0 1 9 1 8	0 9 4 0 1 9 4 1	0 9 4 0 1 9 4 3	0 9 4 0 1 9 4 8	*TO	TA	LS_
Alimentary System Liver Hepatodiaphragmatic Node Cardiovascular System	ule	+	+	+ X	+	+	+	+	+	+	+	10	1	
Heart Cardiomyopathy <b>Endocrine System</b>		+	Μ	+	+	+	+	+	+ 1	+	+	9	1	1.0
NONE General Body System														
NONE Genital System														
Epididymis Inflammation, Chronic Testes		+ +	+	+ M	+ +	+ +	+ +	M +	+	+ 1 +	M +	8 9	1	1.0
Seminif Tub, Degeneration Hematopoietic System	I							1					1	1.0
Spleen Integumentary System NONE		+	+	+	+	+	+	+	+	+	+	10		

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

+ .. Tissue examined microscopically

Experiment Number: 92005-01

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

X ..Lesion present

I .. Insufficient tissue

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

Experiment Number: 92005-01

Test Type: 90-DAY Species/Strain: Rat/F 344/N

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

F 344/N Rat Male 2PPM	DAY ON TEST	0 9 4 0 1 8 6	0 9 4 0 1 8 6	0 9 4 0 1 8 6	0 9 4 0 1 8 6	0 0 9 4 0 1 8 6	0 9 4 0 1 9 0	0 9 4 0 1 9	0 9 4 0 1 9 4	0 9 4 0 1 9 4	0 9 4 0 1 9 4	***		
Musculoskeletal System		0	2	5	6	9	3	8	1	3	8	<u> </u>	DTA	<u>L3</u>
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10		
NONE Respiratory System														
Larynx		+	+	+	+	+	+	+	+	+	+	10		
Glands, Inflammation, Act	ute		1										1	1.0
Inflammation, Chronic						1							1	1.0
Lung		+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic			1	1	1	1		1		1			6	1.0
Metaplasia, Osseous		1											1	1.0
Nose		+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic		1	1	1	1	1	1	1	1	1	1		10	1.0
Olfactory Epi, Metaplasia		2	2	2	2	2	2	2	2	2	2		10	2.0
Olfactory Epi, Mineralizati	on		1	1	1			1	1	1	2		7	1.1
Olfactory Epi, Necrosis		3	3	3	3	3	3	3	3	3	3		10	3.0
Olfactory Epi, Regeneration		2	2	2	2	2	2	2	2	2	2		10	2.0
Respirat Epith, Hyperplas		3	3	3	3	3	2	3	3	3	2		10	2.8
Respirat Epith, Metaplasia	•	3	3	3	3	2	3	3	3	3	3		10	2.9
Respirat Epith, Mineraliza	tion		1										1	1.0

**Special Senses System** 

\* .. 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

Experiment Number: 92005-01 Test Type: 90-DAY

Species/Strain: Rat/F 344/N

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

F 344/N Rat Male 2PPM	DAY ON TEST ANIMAL ID	0 9 4 0 1 8 6 0	0 9 4 0 1 8 6 2	0 9 4 0 1 8 6 5	0 9 4 0 1 8 6 6	0 9 4 0 1 8 6 9	0 9 4 0 1 9 0 3	0 9 4 0 1 9 1 8	0 9 4 0 1 9 4 1	0 9 4 0 1 9 4 3	0 9 4 0 1 9 4 8	*1	TOT/	ALS.
Special Senses System				-	-	-	-	-		-	-			
NONE														
Urinary System														
Kidney		+	+	+	+	+	+	+	+	+	+	1	0	
Inflammation, Chronic						2							1	2.0
Nephropathy			1	1			1	1	1				5	1.0
Pelvis, Inflammation, Chroni	ic								1				1	1.0
								***	END	00	FΜ	IALE	DA	ГА***

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 78-94-4

10

10

10

+

Date Report Requested: 10/22/2014 Time Report Requested: 07:37:16 First Dose M/F: NA / NA Lab: NIEHS

1-4 .. Lesion qualified as:

2) Mild

1) Minimal 3) Moderate

4) Marked

A .. Autolysis precludes evaluation

M .. Missing tissue

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

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I .. Insufficient tissue

nomatop	 •,•	
Splagn		

## Uterus

Hematopoietic System Spleen

## Integumentary System

# Ovary

NONE

## Experiment Number: 92005-01 Test Type: 90-DAY

Species/Strain: Rat/F 344/N

F 344/N Rat Female

**Alimentary System** 

**OPPM** 

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

+

+

+ + +

Liver Hematopoietic Cell Proliferation Inflammation, Chronic	+	+	+	+ 1	+	+ 1	+ 1	+	+	+	10	1 2	1.0 1.0
Cardiovascular System													
Heart	+	+	+	+	+	+	+	+	+	+	10		
Cardiomyopathy									1			1	1.0
Endocrine System													
NONE													
General Body System													
NONE													
Genital System													

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F 344/N Rat Female 0PPM	DAY ON TEST ANIMAL ID	0 9 5 0 1 9 5 2	0 9 5 0 1 9 6 6	0 9 5 0 1 9 7 0	0 9 5 0 1 9 9 3	0 9 5 0 1 9 9 8	0 9 5 0 2 0 0 6	0 9 5 0 2 0 9	0 9 5 0 2 0 1 4	0 9 5 0 2 0 2 3	0 9 5 0 2 0 3 3	*TC	ΟΤΑ	LS_
Musculoskeletal System														
Bone <b>Nervous System</b>		+	+	+	+	+	+	+	+	+	+	10		
NONE														
Respiratory System														
Larynx		+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Acute Inflammation, Chronic				1	2				1	1			1 3	1.0 1.3
Lung		+	+	+	2 +	+	+	+	+	+	+	10	3	1.5
Inflammation, Chronic					1					1			2	1.0
Nose		+	+	+	+	+	+	+	+	+	+	10		
Special Senses System														
NONE Urinary System														
Kidney Nephropathy		+ 1	+	+	+	+	+	+	+	+	+	10	1	1.0

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	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
F 344/N Rat Female		0 9	0 9	0 9	09	09	09	09	09	09	09	
0.5PPM		5	5	5	5	5	5	5	5	5	5	
	ANIMAL ID	0 1	0 1	0 1	0 1	0	02	02	0 2	02	0 2	
		9 5	9 7	9 8	9 8	9 9	0	02	0 2	03	0 4	
		1	4	1	3	7	1	1	4	7	2	*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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F 344/N Rat Female 0.5PPM	DAY ON TEST	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5	0 0 9 5			
	ANIMAL ID	0 1 9 5 1	0 1 9 7 4	0 1 9 8 1	0 1 9 8 3	0 1 9 9 7	0 2 0 1	0 2 0 2 1	0 2 0 2 4	0 2 0 3 7	0 2 0 4 2	*TC	DTA	LS
Respiratory System														
Nose		+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic			1										1	1.0
Respirat Epith, Hyperplasia						1	1						2	1.0
Special Senses System														
NONE														

**Urinary System** 

NONE

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+ .. Tissue examined microscopically

X ..Lesion present

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	DAY ON TEST		0	0	0	0	0	0	0	0	0	
F 344/N Rat Female 1PPM		0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	0 9 5	
	ANIMAL ID	0 1 9 5 5	0 1 9 5 7	0 1 9 7 6	0 1 9 8 2	0 1 9 9	0 1 9 9 6	0 2 0 1 5	0 2 0 2 7	0 2 0 3 0	0 2 0 3 8	*TOTALS
Alimentary System		0	,	0	2			0	,	0	0	1017/20
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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F 344/N Rat Female 1PPM	DAY ON TEST	0 0 9 5												
	ANIMAL ID	0 1 9 5 5	0 1 9 5 7	0 1 9 7 6	0 1 9 8 2	0 1 9 9 0	0 1 9 9 6	0 2 0 1 5	0 2 0 2 7	0 2 0 3 0	0 2 0 3 8	*TC	ΟΤΑ	LS
Respiratory System														
Nose		+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic											2		1	2.0
Respirat Epith, Hyperplasia	a	1	1		1	1	1	1	1	1	1		9	1.0
Respirat Epith, Metaplasia Special Senses System	, Squamous	1	1		1	1		1	1	1	1		8	1.0

NONE

**Urinary System** 

NONE

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F 344/N Rat Female 2PPM	DAY ON TEST ANIMAL ID	0 9 5 0 1 9 5 4	0 9 5 0 1 9 6 0	0 9 5 0 1 9 6 5	0 9 5 0 1 9 6 9	0 9 5 0 1 9 7 9	0 9 5 0 1 9 9 9 9	0 9 5 0 2 0 1 7	0 9 5 0 2 0 2 9	0 9 5 0 2 0 4 4	0 9 5 0 2 0 4 9	*TC	στα	LS
Alimentary System Liver Inflammation, Chronic Cardiovascular System		+	+	+	+ 1	+	+ 1	+	+	+ 1	+	10	3	1.0
Heart Cardiomyopathy Endocrine System		+ 1	+	+	+	+	+	+	+	+	+	10	1	1.0
NONE General Body System														
NONE Genital System														
Ovary Uterus Hydrometra <b>Hematopoietic System</b>		+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ + 2	+ +	10 10	1	2.0
Spleen Integumentary System NONE		+	+	+	+	+	+	+	+	+	+	10		

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CAS Number: 78-94-4

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4 0 5 9 9 7 9 4 9 *TOTALS   Musculoskeletal System   Bone + 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	F 344/N Rat Female 2PPM	DAY ON TEST ANIMAL ID	0 9 5 0 1 9 5	0 9 5 0 1 9 6	0 9 5 0 1 9 6	0 0 9 5 0 1 9 6	0 0 9 5 0 1 9 7	0 9 5 0 1 9 9	0 0 9 5 0 2 0 1	0 0 9 5 0 2 0 2	0 0 9 5 0 2 0 4	0 9 5 0 2 0 4			
Bone + + + + + + + + + + + 10   Nervous System NONE NONE Image: Strater Strate			4										*TC	<u>)</u> T (	LS
Nervous System   NONE   Respiratory System   Larynx + + + + + + + + + 10   Larynx + + + + + + + 10 10   Foreign Body - - - 1 - 1 10 10   Inflammation, Acute - - - 1 - - 1 10 10   Lung + + + + + + + + 10 10   Lung + + + + + + + + + 10 10   Inflammation, Chronic 1 1 1 1 1 10	Musculoskeletal System														
NONE Respiratory System   Larynx + + + + + + + + + + + + 10   Foreign Body - - - 1 - - 1 10   Inflammation, Acute - - - 1 - - 1 10   Inflammation, Chronic - - - 1 - - 1 10   Lung + + + + + + + + 10 -   Inflammation, Chronic 1 1 1 1 + + + + + + + + + + + + 10 - 10 <td< td=""><td></td><td></td><td>+</td><td>+</td><td>+</td><td>+</td><td>+</td><td>+</td><td>+</td><td>+</td><td>+</td><td>+</td><td>10</td><td></td><td></td></td<>			+	+	+	+	+	+	+	+	+	+	10		
Larynx + + + + + + + + + + + + + + 10   Foreign Body - - - 1 - - 1 1.0   Inflammation, Acute - - - 1 - - 1 1.0   Inflammation, Chronic - - - 1 - - 1 1.0   Lung + + + + + + + 10 1.0   Inflammation, Chronic 1 1 1 - - - - 1 1.0   Inflammation, Chronic 1 1 1 - - - - 1 1.0   Inflammation, Chronic 1 1 1 1 1 1 1.0 1 1.0   Inflammation, Chronic 1 1 1 1 1 1 1.0 1.0 1.0   Inflammation, Chronic 1 1 1 1 <	Nervous System														
Larynx + 1 1.0 <td>NONE</td> <td></td>	NONE														
Foreign Body 1 <t< td=""><td>Respiratory System</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Respiratory System														
Inflammation, Acute 1	Larynx		+	+	+	+	+	+	+	+	+	+	10		
Inflammation, Chronic 1	Foreign Body								1					1	1.0
Lung + 1	Inflammation, Acute								1					1	1.0
Inflammation, Chronic 1	Inflammation, Chronic							1						1	1.0
Metaplasia, Osseous 1	Lung		+	+	+	+	+	+	+	+	+	+	10		
Nose + 10 <td>Inflammation, Chronic</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td>1.0</td>	Inflammation, Chronic		1	1	1									3	1.0
Inflammation, Chronic 1	Metaplasia, Osseous		1											1	1.0
Olfactory Epi, Metaplasia 1<	Nose		+	+	+	+	+	+	+	+	+	+	10		
Olfactory Epi, Mineralization 1 1 1 1 1 1 1 6 1.0   Olfactory Epi, Necrosis 3 3 2 3 3 3 3 3 3 3 10 2.9   Olfactory Epi, Regeneration 2 2 1 1 1 2 1 1 2 10 1.4	Inflammation, Chronic		1	1	1	1		1	1	1	1	1		9	1.0
Olfactory Epi, Necrosis 3 3 2 3 3 3 3 3 3 10 2.9   Olfactory Epi, Regeneration 2 2 1 1 1 2 1 1 2 1 1 1 2 10 1.4	Olfactory Epi, Metaplasia		1	1	1	1	1	1	1	1	1	1		10	1.0
Olfactory Epi, Regeneration   2   2   1   1   2   1   1   2   1   1   2   1   1   1   2   1   1   1   2   1   1   1   2   1   1   1   2   1   1   1   2   1   1   1   2   1   1   1   2<	Olfactory Epi, Mineralizatio	on	1						1	1	1	1		6	1.0
			3	3	2	3	3	3	3	3	3	3		10	2.9
Respirat Epith, Hyperplasia   2   2   2   2   3   2   1   2   10   2.1	Olfactory Epi, Regeneration	n	2	2	1	1	1	1		1	1	2		10	1.4
	Respirat Epith, Hyperplasi	а	2	2	2	2		3	3	2	1	2		10	2.1
Respirat Epith, Metaplasia, Squamous   1   2   2   2   2   2   2   2   10   1.9		, Squamous	1	2	2	2	2	2	2	2	2	2		10	1.9

**Special Senses System** 

\* .. 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

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:37:17 First Dose M/F: NA / NA Lab: NIEHS

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
F 344/N Rat Female 2PPM		9 5										
21 1 1	ANIMAL ID	0 1 9	0 1 9	0 1 9	0 1 9	0 1 9	0 1 9	0 2 0	0 2 0	0 2 0	0 2 0	
		5 4	6 0	6 5	6 9	7 9	9 9	1 7	2 9	4 4	4 9	*TOTALS

**Special Senses System** 

NONE Urinary System

Kidney

+ + + + + + + + + + 10 \*\* END OF REPORT \*\*

\* ..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