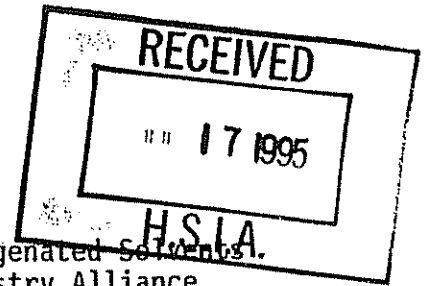


ZENECA CENTRAL TOXICOLOGY LABORATORY
ALDERLEY PARK MACCLESFIELD
CHESHIRE UK



CATEGORY B REPORT (CONFIDENTIAL)
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Sponsor: Halogenated Solvents
Industry Alliance
Sponsor Ref: HSIA/90/0002
CTL Ref: Y00207/005
CTL Study Nos: RR0580/F0
RR0580/F1

Copy No: 5

REPORT NO: CTL/P/4097

PERCHLOROETHYLENE: MULTIGENERATION
INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

VOLUME IV OF IV

A handwritten signature in black ink, appearing to read "G A Wickramaratne".

Approved for Issue: G A Wickramaratne
Product Toxicologist

Date of Issue: 03 NOV 1994

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

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PERCHLOROETHYLENE: MULTIGENERATION
INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

VOLUME IV OF IV

Data Requirement - Guideline Ref. 83-4

Study Completion Date - 27 JUN 1995

Performing Laboratory - Zeneca Central Toxicology Laboratory
Alderley Park, Macclesfield,
Cheshire, UK

Laboratory Project ID - Report No : CTL/P/4097
Study Nos : RR0580/F0
RR0580/F1

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ALDERLEY PARK MACCLESFIELD
CHESHIRE UK

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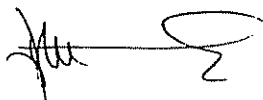
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REPORT NO: CTL/P/4097

PERCHLOROETHYLENE: MULTIGENERATION
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INDIVIDUAL ANIMAL DATA SUPPLEMENT

VOLUME IV OF IV



Approved for Issue: G A Wickramaratne
Product Toxicologist

Date of Issue: 27 JUN 1995

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
 INDIVIDUAL ANIMAL DATA SUPPLEMENT
 APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: INTERCURRENT

DOSE LEVEL: 0 SEX: FEMALE
 ppm

	3
	3
CERVIX	N
KIDNEY	+
Chronic progressive glomerulonephropathy	1
Intratubular microlithiasis	1
LIVER	N
MAMMARY GLAND	+
Diffuse hyperplasia	2
NASAL CAVITY	+
Trauma (macroscopic observation)	X
OVARY	N
UTERUS	N
VAGINA	N

CTL/P/4097 - 1371

KEY: MORPHOLOGY SEVERITY

.	NOT RECORDED	1	minimal
N	N.A.D.	2	slight
O	MISSING	3	moderate
+	MORPHOLOGY PRESENT	4	marked
X	NO SEVERITY		

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: INTERCURRENT

DOSE LEVEL:	300	SEX: FEMALE	1 1 1
	ppm		2 2 4
			2 3 1

CERVIX .....	. O N
KIDNEY	+ N +
Intratubular microlithiasis	2 . 1
MAMMARY GLAND	+ N N
Diffuse hyperplasia	2 . .
OVARY	N O N
UTERUS	+ + +
Luminal dilatation	4 . .
Endometritis	4 . .
Placental tissue in lumen .....	. . X
Dystocia (diagnosis based on macroscopic observations) .	. X X
VAGINA .....	. O .

CTL/P/4097 - 1372

KEY:

.	NOT RECORDED	1	minimal
N	N.A.D.	2	slight
O	MISSING	3	moderate
+	MORPHOLOGY PRESENT	4	marked
X	NO SEVERITY		

MORPHOLOGY SEVERITY

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: INTERCURRENT

DOSE LEVEL:	1000	SEX:	FEMALE	1 1 1
	ppm			8 8 8
				3 4 5

CERVIX	N N .
KIDNEY	N + +
Tubular vacuolation .....	. 2 .
Glomerular mineralisation .....	. . 1
LIVER	N + +
Extramedullary haemopoiesis .....	. . 1
Hepatocyte necrosis - centrilobular .....	. . 1
Hepatocyte necrosis .....	. 3 .
MAMMARY GLAND	N N .
OVARY	N N .
UTERUS	+ + .
Placental tissue in lumen .....	. X .
Dystocia (diagnosis based on macroscopic observations) .	X X .
VAGINA	N N .

CTL/P/4097 - 1373

KEY:

.	NOT RECORDED	1	minimal
N	N.A.D.	2	slight
O	MISSING	3	moderate
+	MORPHOLOGY PRESENT	4	marked
X	NO SEVERITY		

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 0 SEX: FEMALE
ppm

2 2 2 2 2 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4
5 6 7 8 9 0 1 2 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8

CERVIX	N
KIDNEY	+ +
Chronic progressive glomerulonephropathy .....	. . . . . 1 . 1 . 1 . . 1 1
Intratubular microlithiasis	2 1 3 1 1 2 1 1 2 2 2 1 1 2 1 2 3 1 1 1 2 3 4
Tubular basophilia .....	. . . . . . . . . . . . . . . 1
Interstitial mononuclear cell infiltration .....	. . . . . . . . . . . . . . . . . . . . . 1
Granulomatous reaction around microliths	1 3
LIVER	N N N N + N N N N N + N + N N N N N N N N N
Hepatitis .....	. . . . . . . . . . . 1 . 1
Extramedullary haemopoiesis .....	. . . . . 1
MAMMARY GLAND	N
OVARY	N
UTERUS	+
Luminal dilatation	2
Involution, implantation site/s	X
VAGINA	+
Luminal dilatation	4

CTL/P/4097 - 1375

KEY: MORPHOLOGY SEVERITY
 . NOT RECORDED 1 minimal
 N N.A.D. 2 slight
 O MISSING 3 moderate
 + MORPHOLOGY PRESENT 4 marked
 X NO SEVERITY

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 100 SEX: MALE
 ppm

5 5 6 6
2 6 3 4

EPIDIDYMISS	N N N N
KIDNEY	+ . . .
Chronic progressive glomerulonephropathy	1 . . .
LIVER	+ . . .
Hepatitis	1 . . .
PROSTATE GLAND	+ + N N
Prostatitis	1 1 . .
SEMINAL VESICLE	N N N N
TESTIS	N N N N

CTL/P/4097 - 1376

KEY:

. NOT RECORDED
N N.A.D.
O MISSING
+ MORPHOLOGY PRESENT
X NO SEVERITY

MORPHOLOGY SEVERITY

1 minimal
2 slight
3 moderate
4 marked

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 100
ppm

SEX: FEMALE

8
0

CERVIX	N
MAMMARY GLAND	N
OVARY	N
UTERUS	N
VAGINA	N

CTL/P/4097 - 1377

KEY:

. NOT RECORDED
N N.A.D.
O MISSING
+ MORPHOLOGY PRESENT
X NO SEVERITY

MORPHOLOGY SEVERITY
1 minimal
2 slight
3 moderate
4 marked

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 300 ppm SEX: MALE

		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

EPIDIDYMIS	.....	N	.....	N	.....	N	.....
KIDNEY	.....	+	+	+	+	N	+
Unilateral hydronephrosis	.....	.	.	1	.	.	.
Chronic progressive glomerulonephropathy	.....	1	1	1	2	1	1
Mesenchymal tumour	.....	.	.	X	.	.	.
LIVER	.....	N	+	N	N	+	N
Hepatitis	.....	.	1	.	1	2	1
PROSTATE GLAND	.....	N	.....	N	.....	N	.....
SEMINAL VESICLE	.....	N	.....	N	.....	N	.....
TESTIS	.....	N	.....	N	.....	N	.....

KEY: MORPHOLOGY SEVERITY

.	NOT RECORDED	1	minimal
N	N.A.D.	2	slight
O	MISSING	3	moderate
+	MORPHOLOGY PRESENT	4	marked
X	NO SEVERITY		

CTL/P/4097 - 1378

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
 INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 300
 ppm

SEX: FEMALE

1
 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4
 1 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 2 3 4

CERVIX .....	. . . . . 0
KIDNEY	+ +
Chronic progressive glomerulonephropathy .....	. 1 . . . 1 . 1 . . . 1 1 . . . 1 . .
Intratubular microlithiasis	1 1 1 2 1 1 1 2 1 2 2 1 1 1 2 1 1 1 1 1 1
Tubular basophilia	1 .
Granulomatous reaction around microliths .....	. . . 2 1
MAMMARY GLAND .....	. . . . . N
OVARY .....	. . . . . 0
UTERUS .....	. . . . . 0
VAGINA .....	. . . . . 0

CTL/P/4097 - 1379

KEY: MORPHOLOGY SEVERITY
 . NOT RECORDED 1 minimal
 N N.A.D. 2 slight
 O MISSING 3 moderate
 + MORPHOLOGY PRESENT 4 marked
 X NO SEVERITY

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 1000 ppm SEX: MALE

1
4 4 4 4 4 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6
5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 4 5 6 7 8

EPIDIDYMS .....	. . . . N N N N N N N
KIDNEY	+ +
Chronic progressive glomerulonephropathy	1 1 1 2 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Intratubular microlithiasis .....	. . . . . . . . . . . 1 1
Increase in nuclear pleomorphism	1 1
LIVER	N N + N N N N N + N N N + N N N + N N + N N N
Hepatitis .....	. . 2 1 1 1 1
PROSTATE GLAND .....	. . . . + . . . + N + N N N
Prostatitis .....	. . . . 1 1 . 1
SEMINAL VESICLE .....	. . . . N + N + N N N
Luminal dilatation .....	. . . . . . . . . . 4 . 4
Vesiculitis .....	. . . . . . . . . . 2 . 2
TESTIS .....	. . . . N N N N N N N

CTL/P/4097 - 1380

KEY:		MORPHOLOGY SEVERITY
.	NOT RECORDED	1 minimal
N	N.A.D.	2 slight
O	MISSING	3 moderate
+	MORPHOLOGY PRESENT	4 marked
X	NO SEVERITY	

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
 INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - F1 GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 1000
 ppm

SEX: FEMALE

1
 6 7 7 7 7 7 7 7 7 7 8 8 8 8 8 8 8 9 9 9 9
 9 0 1 2 3 4 5 6 7 8 9 0 1 2 6 7 8 9 0 1 2

CERVIX .....	. . . . O N O O
KIDNEY	+ + + + N + + + + N N + + + + + + + +
Chronic progressive glomerulonephropathy	1 2 1 1 . . . 1 . 1 . . 1 . 1 . 1 . 1 . .
Intratubular microlithiasis	1 . 1 1 1 . 1 . 1 1 . . . 1 . 1 1 1 1 . 1
Interstitial mononuclear cell infiltration .....	. . . . . . . . . . . . . . . . . . . . 1 .
LIVER	N N N N N N N N N N N + N N N N + N N N N
Extramedullary haemopoiesis .....	. . . . . . . . . . . . 1 1
MAMMARY GLAND .....	. . . . + . . . . N N
Diffuse hyperplasia .....	. . . . 1
OVARY .....	. . . . O N O O
UTERUS .....	. . . . O N O O
VAGINA .....	. . . . O N O O

CTL/P/4097 - 1381

KEY:

.	NOT RECORDED	1	minimal
N	N.A.D.	2	slight
O	MISSING	3	moderate
+	MORPHOLOGY PRESENT	4	marked
X	NO SEVERITY		

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

PATHOLOGY - F1 GENERATION

Key:

NO = number

M = male

F = female

wks = weeks

EXAM = examined

NAD = no abnormality detected

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PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 1 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 2 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 235 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 3 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following mating for C litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	4	1	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Unilateral hydronephrosis : (slight)
Transitional epithelial hyperplasia : (minimal ; focal ; unilateral)

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 3 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic urolithiasis : (minimal ; unilateral)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 4 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 5 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

TESTIS

Unilateral tubular degeneration : (minimal ; focal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 6 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Transitional epithelial hyperplasia : (minimal ; focal ; unilateral)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 7 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 8 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 9 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1392

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 10 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 237 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1393

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 11 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1394

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 12 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

LIVER

Hepatitis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1395

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 13 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	1	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

LIVER

Hepatitis : (minimal)

TESTIS

Unilateral tubular degeneration : (minimal ; focal)

-----END OF ANIMAL-----

CTL/P/4097 - 1396

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 14 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1397

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 15 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1398

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 16 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)
Transitional epithelial hyperplasia : (slight ; focal ; unilateral)
Bilateral hydronephrosis : (slight)

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 16 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic urolithiasis : (slight ; unilateral)

-----END OF ANIMAL-----

CTL/P/4097 - 1400

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 17 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for C litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

Table with 6 columns: TISSUE CHECK:, TOTAL, EXAMINED, NOT EXAM, MISSING, NAD. Rows include PROTOCOL REQUIRED, NOT PROTOCOL (SUBMITTED), and (NOT SUBMITTED).

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

PROSTATE GLAND

Prostatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1401

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 18 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 234 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1A02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 19 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1403

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 20 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1404

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 21 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 22 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for C litter (female also suspect infertile).

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	4	1	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (slight)

PROSTATE GLAND

Prostatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1A06

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 23 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; SKIN ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

SKIN

Hair loss : (slight) general.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	6	1	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1407

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 24 SEX: M DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1408

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 25 SEX: F DOSE: 0 ppm PATHOLOGY - F1 GENERATION ON STUDY: 250 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

CERVIX

Distended : 12mm diameter.

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	5	1	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX : See vagina for gross abnormality. ; LIVER ; MAMMARY GLAND ; OVARY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

CTL/P/4097 - 1409

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 25 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 250 days (36 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Granulomatous reaction around microliths : (minimal)

UTERUS

Luminal dilatation : (slight ; unilateral)

Involution, implantation site/s : (unilateral)

VAGINA

Luminal dilatation : (marked)

-----END OF ANIMAL-----

CTL/P/4097 - 1410

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 26 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1411

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 27 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

-----END OF ANIMAL-----

CTL/P/4097 - 1412

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 28 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1413

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 29 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 258 days (37 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

LIVER

Extramedullary haemopoiesis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1414

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 30 SEX: F DOSE: 0 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1415

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 31 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 225 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1416

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 32 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1417

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 33 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 233 days (34 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2A or F2B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; NASAL CAVITY ; ORAL CAVITY ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

LIVER

Accentuated lobular pattern

NASAL CAVITY

Nares stained : (marked) red.

Traumatized : snout appears broken.

ORAL CAVITY

Teeth loose : both incisors on upper jaw.

UTERUS

Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	8	6	2	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX ; LIVER ; OVARY ; UTERUS ; VAGINA

CTL/P/4097 - 1418

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 33 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 233 days (34 wks) INTERCURRENT

MICROPATHOLOGY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)

Intratubular microlithiasis : (minimal)

MAMMARY GLAND

Diffuse hyperplasia : (slight)

NASAL CAVITY

Trauma (macroscopic observation)

FACTOR CONTRIBUTORY TO DEATH

NASAL CAVITY : Trauma (macroscopic observation)

END OF ANIMAL

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1419

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 34 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 227 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1420

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 35 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 226 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1421

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 36 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 247 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

Intratubular microlithiasis : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1422

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 37 SEX: F DOSE: 0 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 221 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1423

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 38 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 208 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1424

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 39 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 223 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1425

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 40 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 222 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1426

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 41 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 209 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1427

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 42 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 225 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)

Intratubular microlithiasis : (moderate)

Granulomatous reaction around microliths : (moderate)

-----END OF ANIMAL-----

CTL/P/4097 - 1428

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 43 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1429

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 44 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1430

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 45 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 210 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1431

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 46 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 252 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097
.. 1432

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 47 SEX: F DOSE: 0 ppm PATHOLOGY - F1 GENERATION ON STUDY: 254 days (37 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; TAIL ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	7	0	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

-----END OF ANIMAL-----

CTL/P/4097 - 1433

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 48 SEX: F DOSE: 0 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 219 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Interstitial mononuclear cell infiltration : (minimal ; focal ; unilateral)
Intratubular microlithiasis : (marked)

-----END OF ANIMAL-----

CTL/P/4097 - 1434

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 49 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 224 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1435

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 50 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1436

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 51 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 233 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1437

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 52 SEX: M DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	6	1	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

PROSTATE GLAND

Prostatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1438

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 53 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1439

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 54 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight ; right)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1440

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 55 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1441

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 56 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	4	3	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

PROSTATE GLAND

Prostatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1442

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 57 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1443

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 58 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 15 days (3 wks) INTERCURRENT

MACROPATHOLOGY

Found dead

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; LUNG ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

LUNG

Dark

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1444

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 59 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1445

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 60 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 235 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1446

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 61 SEX: M DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1447

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 62 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1448

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 63 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following mating for A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	4	3	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

-----END OF ANIMAL-----

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 64 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	4	3	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

-----END OF ANIMAL-----

CTL/P/4097 - 1450

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 65 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 35 days (5 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; EYE ; KIDNEY ; LIVER ; NASAL CAVITY ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained : (right ; moderate) red.

NASAL CAVITY

Nares stained : (slight) red.

Snout twisted : to left side, possibly broken.

TAIL

Kinked : (slight) 20mm from tip.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1451

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 66 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1452

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 67 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1453

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 68 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 235 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1454

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 69 SEX: M DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 226 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1455

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 70 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1456

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 71 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1457

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 72 SEX: M DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

END OF ANIMAL

CTL/P/4097 - 1458

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 73 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1459

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 74 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 . 1460

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 75 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

END OF ANIMAL

CTL/P/4097 - 1461

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 76 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1462

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 77 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1463

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 78 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1464

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 79 SEX: F DOSE: 100 ppm PATHOLOGY - F1 GENERATION ON STUDY: 36 days (6 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; EYE ; KIDNEY ; LIVER ; MAMMARY GLAND ; NASAL CAVITY ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained : (moderate ; right ; left ; minimal) red.

NASAL CAVITY

Nares stained : (slight) red.

Traumatized : snout appears broken.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1465

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 80 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	5	3	0	5
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX ; MAMMARY GLAND ; OVARY ; UTERUS ; VAGINA

-----END OF ANIMAL-----

CTL/P/4097 - 1466

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 81 SEX: F DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1467

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 82 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 226 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1468

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 83 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

OVARY

Cystic bursa/e : (left) with red fluid.

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

END OF ANIMAL

CTL/P/4097 - 1469

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 84 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 225 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1470

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 85 SEX: F DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 226 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; TAIL ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Traumatized : Tip missing.

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1471

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 86 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 210 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1472

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 87 SEX: F DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1473

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 88 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1474

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 89 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 251 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1475

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 90 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1476

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 91 SEX: F DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1477

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 92 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 251 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF ANIMAL-----

CTL/P/4097 - 1478

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 93 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 233 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1479

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 94 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 252 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1480

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 95 SEX: F DOSE: 100 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 249 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1481

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 96 SEX: F DOSE: 100 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

-----END OF ANIMAL-----

CTL/P/4097 - 1482

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 97 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 216 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; SUBCUTANEOUS TISSUE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

SUBCUTANEOUS TISSUE

Mass 1 : 8x8x4mm, firm, cream, situated in right anterior ventral thorax.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	6	2	0	5
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1483

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 98 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Cyst/s : (right) one, caudal pole, 6mm diameter.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY : Cyst described grossly not visible.

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1484

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 99 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 216 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Mass 1 : (left) on capsular surface, 10x7x7mm, cream and soft.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Mesenchymal tumour : (NEOPLASTIC ; MALIGNANT ; PRIMARY)

END OF ANIMAL

CTL/P/4097 - 1485

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 100 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 234 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)
Unilateral hydronephrosis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1486

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 101 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 237 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1487

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 102 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1488

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 103 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

LIVER

Hepatitis : (minimal)

END OF ANIMAL

CTL/P/4097 - 1489

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 104 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION ON STUDY: 233 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1490

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 105 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1491

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 106 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; minimal)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1492

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 107 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1493

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 108 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for B litter (female also suspect infertile).

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	6	1	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1494

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 109 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1495

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 110 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 219 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1496

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 111 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1497

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 112 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097
1498

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 113 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	6	1	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1499

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 114 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1500

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 115 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1501

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 116 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 236 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1502

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 117 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

DIAPHRAGM ; EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

DIAPHRAGM

Hernia

LIVER

Lobe/s herniated : left median lobe to diaphragm.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	2	6	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1503

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 118 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

LIVER

Mass 1 : left median lobe, diaphragmatic surface, 6x6x6mm.

TAIL

Dry sore/s : several, near base, 2mm diameter.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	2	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1504

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 119 SEX: M DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 235 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	7	2	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1505

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 120 SEX: M DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Dry sore/s : at base.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	2	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

Unilateral hydronephrosis : (slight)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1506

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 121 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; focal)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1507

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 122 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 253 days (37 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Distended : x3.
Implantation site/s absent
Contents abnormal : large amount of brown fluid, up to 17mls.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	6	2	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

OVARY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

CERVIX : Not identifiable.

CTL/P/4097 - 1508

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 122 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 253 days (37 wks) INTERCURRENT

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

MAMMARY GLAND

Diffuse hyperplasia : (slight)

UTERUS

Endometritis : (marked)

Luminal dilatation : (marked)

VAGINA : Not identifiable.

FACTOR CONTRIBUTORY TO DEATH

UTERUS : Endometritis

-----END OF ANIMAL-----

CTL/P/4097 - 1509

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 123 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 226 days (33 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2B litter - killed parturition.

THE FOLLOWING TISSUES WERE SUBMITTED

KIDNEY ; LIVER ; MAMMARY GLAND ; PITUITARY GLAND ; UTERUS

THE FOLLOWING TISSUES WERE MISSING

CERVIX : (lost)
OVARY : (lost)
VAGINA : (lost)

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS : (lost) left 5, 2 dead 3 alive, right 4, 2 dead 2 alive. .
Foetus/es present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	5	3	2	0	2
(NOT SUBMITTED):	3	0	0	3	0

THE FOLLOWING TISSUES WERE MISSING

CERVIX : (lost)
OVARY : (lost)

CTL/P/4097 - 1510

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 123 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 226 days (33 wks) INTERCURRENT

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING TISSUES WERE MISSING

VAGINA : (lost)

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; MAMMARY GLAND

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

UTERUS : (lost)

Dystocia (diagnosis based on macroscopic observations)

FACTOR CONTRIBUTORY TO DEATH

UTERUS : Dystocia (diagnosis based on macroscopic observations)

-----END OF ANIMAL-----

CTL/P/4097 - 1511

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 124 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1512

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 125 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; TAIL ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	9	1	8	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 126 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

Granulomatous reaction around microliths : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1514

FAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 127 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1515

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 128 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1516

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 129 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 226 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1517

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 130 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 225 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1518

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 131 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 257 days (37 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	2	2	4	1
(NOT SUBMITTED):	0	0	0	0	0

Reproductive organs sent to teratology.

THE FOLLOWING TISSUES WERE MISSING

CERVIX : (stored)
OVARY : (stored)
UTERUS : (stored)
VAGINA : (stored)

THE FOLLOWING TISSUES WERE MARKED NAD

CTL/P/4097 - 1519

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 131 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 257 days (37 wks) TERMINAL

MICROPATHOLOGY

MAMMARY GLAND

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal ; unilateral)

-----END OF ANIMAL-----

CTL/P/4097 - 1520

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 132 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 209 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1521

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 133 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 210 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1522

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 134 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 207 days (30 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1523

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 135 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 227 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1524

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 136 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1525

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 137 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)
Granulomatous reaction around microliths : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1526

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 138 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 252 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1527

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 139 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; TAIL ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	9	1	8	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1528

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 140 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1529

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 141 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 126 days (18 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2A litter - killed parturition.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; LUNG ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; URINARY BLADDER ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pale

LIVER

Accentuated lobular pattern

Pale

LUNG

Red area/s : all lobes.

URINARY BLADDER

Distended : x3.

UTERUS

Foetus/es present : left 4 alive 1 dead this pup appeared to be stuck in uterus/cervix, left 6 alive 1 dead.

VAGINA

Distended : (slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

CTL/P/4097 - 1530

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 141 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION ON STUDY: 126 days (18 wks) INTERCURRENT

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	10	6	4	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX ; MAMMARY GLAND ; OVARY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

UTERUS

Placental tissue in lumen

Dystocia (diagnosis based on macroscopic observations)

VAGINA : Not identifiable.

FACTOR CONTRIBUTORY TO DEATH

UTERUS : Dystocia (diagnosis based on macroscopic observations)

-----END OF ANIMAL-----

CTL/P/4097 - 1531

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 142 SEX: F DOSE: 300 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 230 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1532

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 143 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1533

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 144 SEX: F DOSE: 300 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 223 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	0	0	0	0	0
NOT PROTOCOL (SUBMITTED):	8	1	7	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1534

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 145 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 235 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1535

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 146 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 213 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1536

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 147 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

LIVER

Hepatitis : (slight)

-----END OF ANIMAL-----

CTL/P/4097 - 1537

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 148 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 237 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1538

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 149 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for C litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

LIVER

Enlarged : (slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	4	1	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)
Increase in nuclear pleomorphism : (minimal)

CTL/P/4097 - 1539

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 149 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 217 days (31 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

PROSTATE GLAND

Prostatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1540

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 150 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked : near tip.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	1	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Increase in nuclear pleomorphism : (minimal)

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 150 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 239 days (35 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

TESTIS

Unilateral tubular degeneration : (slight ; focal) area at pole of one testis.

-----END OF ANIMAL-----

CTL/P/4097 - 1542

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 151 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 215 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	2	4	0	2
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1543

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 152 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1544

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 153 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for B or C litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Cyst/s : (right) 2mm diameter.

SEMINAL VESICLE

Enlarged : (left) x2.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	4	1	0	2
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY : Cyst described grossly not visible.

Chronic progressive glomerulonephropathy : (minimal)

CTL/P/4097 - 1545

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 153 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY : Cyst described grossly not visible.
Increase in nuclear pleomorphism : (minimal)

LIVER

Hepatitis : (minimal)

PROSTATE GLAND

Prostatitis : (minimal)

SEMINAL VESICLE

Vesiculitis : (slight)

Luminal dilatation : (marked)

-----END OF ANIMAL-----

CTL/P/4097 - 1546

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 154 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded at day 1 following mating for C litter (female mating at A litter also suspect infertile).

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	4	1	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1547

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 155 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 238 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following mating for A or C litter (female mating for B litter also suspect infertile).

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	4	1	0	2
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

PROSTATE GLAND

Prostatitis : (minimal)

SEMINAL VESICLE

Vesiculitis : (slight)
Luminal dilatation : (marked)

-----END OF ANIMAL-----

CTL/P/4097 - 1548

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 156 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMSIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Cyst/s : (left) 2mm diameter, capsular surface.

TAIL

Kinked : near tip.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	1	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY : Cyst described grossly not visible.
Chronic progressive glomerulonephropathy : (minimal)

CTL/P/4097 - 1549

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 156 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY : Cyst described grossly not visible.
Intratubular microlithiasis : (minimal ; unilateral)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1550

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 157 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

LIVER

Hepatitis : (minimal)

TESTIS

Unilateral tubular degeneration : (minimal ; focal)

-----END OF ANIMAL-----

CTL/P/4097 - 1551

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 158 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1552

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 159 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION ON STUDY: 218 days (32 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following mating for B or C litters (female mating for C litter also suspect infertile).

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

Table with 6 columns: TISSUE CHECK:, TOTAL, EXAMINED, NOT EXAM, MISSING, NAD. Rows include PROTOCOL REQUIRED, NOT PROTOCOL (SUBMITTED), and (NOT SUBMITTED).

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

END OF ANIMAL

CTL/P/4097 - 1553

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 160 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 217 days (31 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1554

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 161 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1555

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 162 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EAR/ZYMBALS GLAND

Pinna/e traumatised : (left)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	1	0	1	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1556

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 164 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 239 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following mating for A or C litters.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	4	1	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 165 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following mating for C litter.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	5	4	1	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

Increase in nuclear pleomorphism : (minimal)

LIVER

Hepatitis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1558

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 166 SEX: M DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; EYE ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained : (right)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	1	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1559

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 167 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 241 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; ORAL CAVITY ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

ORAL CAVITY

Teeth broken : upper incisors.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	1	5	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Intratubular microlithiasis : (minimal)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1560

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 168 SEX: M DOSE: 1000 ppm PATHOLOGY - F1 GENERATION
ON STUDY: 240 days (35 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMISS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	1	4	0	1
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Increase in nuclear pleomorphism : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1561

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 169 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1562

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 170 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Reduced : (left) 25%.

Misshapen : (left)

LIVER

Accentuated lobular pattern : (slight)

OVARY

Cystic bursa/e : (left) 10mm diameter.

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

CTL/P/4097 - 1563

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 170 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 231 days (33 wks) TERMINAL

MICROPATHOLOGY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (slight) minimal in one kidney, moderate in the other causing distortion seen grossly.

-----END OF ANIMAL-----

CTL/P/4097 - 1564

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 171 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1565

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 172 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 255 days (37 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1566

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 173 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 251 days (36 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F2B litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	1	1	4	0
(NOT SUBMITTED):	0	0	0	0	0

Reproductive organs sent to teratology.

THE FOLLOWING TISSUES WERE MISSING

CERVIX : (stored)
OVARY : (stored)
UTERUS : (stored)
VAGINA : (stored)

THE FOLLOWING TISSUES WERE MARKED NAD

CTL/P/4097 - 1567

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 173 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 251 days (36 wks) TERMINAL

MICROPATHOLOGY

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal ; unilateral)

MAMMARY GLAND

Diffuse hyperplasia : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1568

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT
INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 174 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	2
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

-----END OF ANIMAL-----

CTL/P/4097 - 1569

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 175 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 229 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

CTL/P/4097 - 1570

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 176 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 232 days (34 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)

-----END OF ANIMAL-----

CTL/P/4097 - 1571

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 25B

ANIMAL NO: 177 SEX: F DOSE: 1000 PATHOLOGY - F1 GENERATION
ppm ON STUDY: 228 days (33 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	6	0	6	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal ; unilateral)

-----END OF ANIMAL-----

CTL/P/4097 - 1572