

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 145 SEX: M DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 129 days (19 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	0	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)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 673

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 146 SEX: M DOSE: 1000 ppm PATHOLOGY - FO GENERATION
ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

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 : (slight ; multifocal)

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

CTL/P/4097 - 674

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 147 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

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

Unilateral hydronephrosis : (slight)
Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 148 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 129 days (19 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	0	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)

Unilateral hydronephrosis : (slight)

Increase in nuclear pleomorphism : (minimal)

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

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 149 SEX: M DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 129 days (19 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:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	0	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 hydronephrosis : (moderate)

Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 150 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 129 days (19 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	0	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)
Increase in nuclear pleomorphism : (minimal)

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

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PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 151 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 130 days (19 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	4	1	0	3
(NOT SUBMITTED):	0	0	0	0	0

No live pups following any mating.

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

PROSTATE GLAND

Prostatitis : (minimal)

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

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PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 152 SEX: M DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 130 days (19 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

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):	5	0	5	0	0
(NOT SUBMITTED):	1	0	1	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)

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

CTL/P/4097 - 680

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 153 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 130 days (19 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	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 681

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 154 SEX: M DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

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	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

Increase in nuclear pleomorphism : (minimal)

PROSTATE GLAND

Prostatitis : (minimal)

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

CTL/P/4097 - 682

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 155 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
 ppm ON STUDY: 131 days (19 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	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 156 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 131 days (19 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:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	0	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)

Unilateral hydronephrosis : (moderate)

Transitional epithelial hyperplasia : (slight ; multifocal ; unilateral)

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PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 156 SEX: M DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 131 days (19 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 685

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 157 SEX: M DOSE: 1000 PATHOLOGY - FO GENERATION
 ppm ON STUDY: 131 days (19 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:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (slight)
 Tubular basophilia : (minimal ; multifocal)
 Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 686

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 158 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 131 days (19 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

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

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)
Interstitial nephritis : (slight ; focal ; unilateral) area of inflammation and tubular dilatation.
Increase in nuclear pleomorphism : (minimal)

END OF ANIMAL

CTL/P/4097 - 687

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 159 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 131 days (19 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	0	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)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 688

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 160 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 131 days (19 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	0	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)

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

CTL/P/4097 - 689

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 161 SEX: M DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 131 days (19 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	0	5	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 ; focal)

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

CTL/P/4097 - 690

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 162 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

URINARY BLADDER

Discoloured urine : red.

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

Unilateral hydronephrosis : (slight)
Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

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

APPENDIX 12B

ANIMAL NO: 163 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

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	0
NOT PROTOCOL (SUBMITTED):	6	4	2	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)
Increase in nuclear pleomorphism : (minimal)

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 163 SEX: M DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 131 days (19 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

LIVER

Mononuclear cell infiltration : (minimal ; focal)

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

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

APPENDIX 12B

ANIMAL NO: 164 SEX: M DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EAR/ZYMBALS GLAND ; EPIDIDYMS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EAR/ZYMBALS GLAND

Pinna/e traumatised : (left) ear torn.

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	4	2	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMS ; LIVER ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)

Increase in nuclear pleomorphism : (minimal)

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

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 165 SEX: M DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 131 days (19 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

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

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 695

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 166 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMS ; 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:	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

EPIDIDYMS ; LIVER ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

Unilateral hydronephrosis : (moderate)

Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 696

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 167 SEX: M DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 131 days (19 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

Depressed area/s ; cranial aspect, linear, 10mm in length.

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	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 697

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 168 SEX: M DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 131 days (19 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:	2	2	0	0	1
NOT PROTOCOL (SUBMITTED):	5	0	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)

Unilateral hydronephrosis : (slight)

Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 698

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 169 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 135 days (20 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 : left 4, right 11.

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

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)
Pelvic urolithiasis : (minimal ; unilateral)
Intratubular microlithiasis : (minimal)

CTL/P/4097 - 699

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 169 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 135 days (20 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 700

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 170 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 155 days (23 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 : left 8, right 7.

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)
Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 171 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 151 days (22 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 : left 4, right 9.

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

Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 702

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 172 SEX: F DOSE: 1000

PATHOLOGY - FO GENERATION
ppm ON STUDY: 136 days (20 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 : left 1, right 3.

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

Unilateral hydronephrosis : (slight)

CTL/P/4097 - 703

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 172 SEX: F DOSE: 1000 ppm PATHOLOGY - FO GENERATION
ON STUDY: 136 days (20 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 704

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 173 SEX: F DOSE: 1000 ppm PATHOLOGY - FO GENERATION
ON STUDY: 134 days (20 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 : left 4, right 8.

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 : (minimal)

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 173 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 134 days (20 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 174 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 100 days (15 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F1A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

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

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pale

LIVER

Pale

LUNG

Pale area/s : all lobes and surfaces.

Red area/s : all lobes and surfaces.

OVARY

Pale

PITUITARY GLAND

Pale

UTERUS

Foetus/es present : left horn, 4 foetuses, 2 towards ovarian end dead, remainder alive. Right horn, 7 alive.

VAGINA

Blood in lumen

Discharge : red.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

CTL/P/4097 - 707

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 174 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 100 days (15 wks) INTERCURRENT

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	7	5	2	0	4
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX ; MAMMARY GLAND ; OVARY ; VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

LIVER

Hepatocyte necrosis : (slight) centrilobular.

UTERUS

Dystocia (diagnosis based on macroscopic observations)

FACTOR CONTRIBUTORY TO DEATH

UTERUS : Dystocia (diagnosis based on macroscopic observations)

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

CTL/P/4097 - 708

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 175 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 102 days (15 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce F1A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

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

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pale

LIVER

Accentuated lobular pattern : (slight)

Pale

Speckled ; (minimal) red, in parts.

OVARY

Pale

PITUITARY GLAND

Pale

UTERUS : Pups closest to uterine opening in both horns appear at opening simultaneously and therefore are blocking exit.

Foetus/es present : left horn; 6 present, 2 dead, 4 alive along with scar from born pup. Right horn; 6 present, all dead.

VAGINA

Blood in lumen

Discharge : red.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 175 SEX: F DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 102 days (15 wks) INTERCURRENT

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED:	2	2	0	0	0
NOT PROTOCOL (SUBMITTED):	6	4	2	0	3
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

MAMMARY GLAND ; OVARY ; VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal ; unilateral)

LIVER

Hepatocyte necrosis : (moderate) centrilobular.

UTERUS

Dystocia (diagnosis based on macroscopic observations)

FACTOR CONTRIBUTORY TO DEATH

UTERUS : Dystocia (diagnosis based on macroscopic observations)

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

CTL/P/4097 - 710

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 176 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 151 days (22 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 : left 5, right 5.

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 - 711

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

APPENDIX 12B

ANIMAL NO: 177 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 135 days (20 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 : left 7, right 6.

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 - 712

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

APPENDIX 12B

ANIMAL NO: 178 SEX: F DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 155 days (23 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 : left 4, right 7.

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)
Increase in nuclear pleomorphism : (minimal)

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 179 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

ABDOMINAL CAVITY

Mass 1 : 12mm diameter, spherical, dark red, attached to cardia of stomach and ventral papillary lobe of liver.

KIDNEY

Pelvic dilatation : (right ; slight)

UTERUS

Implantation site/s present : left 4, right 5.

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

CTL/P/4097 - 714

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 179 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 134 days (20 wks) TERMINAL

MICROPATHOLOGY

KIDNEY

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

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

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 180 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 134 days (20 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 : left 5, right 7.

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 MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)
Increase in nuclear pleomorphism : (minimal)

LIVER

Subcapsular fibrosis and inflammation : (slight ; focal) with increased pigmentation.

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

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 181 SEX: F DOSE: 1000 PATHOLOGY - F0 GENERATION
ppm ON STUDY: 134 days (20 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 : left 4, right 8.

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 - 717

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 182 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION
ON STUDY: 134 days (20 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 : right 5, left 6.

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)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 718

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 183 SEX: F DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 134 days (20 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 : left 4, right 4.

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-----

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 184 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 134 days (20 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 : left 7, right 6.

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)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 720

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 185 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 134 days (20 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 : left 4, right 3.

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: (2/2/0/0/1), NOT PROTOCOL (SUBMITTED): (6/0/6/0/0), and (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 : (slight)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 721

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 186 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 134 days (20 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 : right 1, left 1.

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 ; focal ; unilateral)
Intratubular microlithiasis : (slight)

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

CTL/P/4097 - 722

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 187 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 151 days (22 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 : left 7, right 9.

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 - 723

PAC900-05/02

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

APPENDIX 12B

ANIMAL NO: 188 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 155 days (23 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

Pale area/s : (right) several, up to 2mm diameter, capsular surface.

UTERUS

Implantation site/s present : left 6, right 7.

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 ; unilateral)

CTL/P/4097 - 724

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 188 SEX: F DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 155 days (23 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

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

CTL/P/4097 - 725

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 189 SEX: F DOSE: 1000 ppm PATHOLOGY - FO GENERATION ON STUDY: 134 days (20 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 : right 8, left 5.

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

Unilateral hydronephrosis : (slight)
Intratubular microlithiasis : (minimal)
Increase in nuclear pleomorphism : (minimal)

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

CTL/P/4097 - 726

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 190 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; Failed to produce an F1A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

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

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Foetus/es present : left 6, all alive, right 0.

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	3	1	2	2
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MISSING

CERVIX : (inadequate)
VAGINA : (inadequate)

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER ; MAMMARY GLAND ; OVARY

PAC900-05/02

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 190 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 134 days (20 wks) TERMINAL

MICROPATHOLOGY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

UTERUS

Placental tissue in lumen

Foetuses in lumen (macroscopic observation)

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

CTL/P/4097 - 728

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 191 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

LUNG

Red spot/s : all lobes and surfaces.
Pale spot/s : all lobes and surfaces.

ORAL CAVITY
Teeth maloccluded

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	0	8	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

PAC900-05/02

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

APPENDIX 12B

ANIMAL NO: 191 SEX: F DOSE: 1000 PATHOLOGY - FO GENERATION
ppm ON STUDY: 134 days (20 wks) TERMINAL

MICROPATHOLOGY

KIDNEY

Intratubular microlithiasis : (minimal)
Increase in nuclear pleomorphism : (minimal)

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

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 192 SEX: F DOSE: 1000 ppm PATHOLOGY - F0 GENERATION ON STUDY: 134 days (20 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 : left 4, right 0.

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

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

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

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INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

Key:

M = male

F = female

PM = post mortem

NAD = no abnormalities detected

ABN = abnormal

IAD = individual animal data sheet

INT = intercurrent

EVC = evisceration

WT = weight

CLIN OBS = clinical observations

ID = identification

* = IAD present

EXAM = examined

Pup 28I - record 'DELETED' - should have been GROSS PM but recorded as DISCARDED in error.

Pups 43A, 183D, 191B - record 'DELETED' - recorded as LOST but subsequently found.

Pups 48A and 48B - record 'DELETED' - recorded as FULL PM in error.

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PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 25

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	17/08/92			
B	F			LOST	17/08/92			
C	F			LOST	17/08/92			
D	F			LOST	17/08/92			
E	F			LOST	17/08/92			
F	M			LOST	23/08/92			
G	M	77.6	NAD	SELECTED	10/09/92			
H	M	72.4	NAD	SELECTED	10/09/92			
I	F	62.1	NAD	SELECTED	10/09/92			
J	F	71.2	NAD	FULL PM	10/09/92	NAD	10/09/92	*
K	F	73.0	NAD	GROSS PM	10/09/92	NAD	10/09/92	
L	F	70.7	NAD	GROSS PM	10/09/92	NAD	10/09/92	
M	F			DISCARDED	10/09/92			

CTL/P/4097 - 733

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 25/J SEX: F

ON STUDY: 29 days (5 wks) FULL FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

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

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 734

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 26

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	20/08/92			
B	M	86.3	NAD	SELECTED	13/09/92			
C	F	76.1	NAD	SELECTED	13/09/92			
D	M	87.6	NAD	GROSS PM	14/09/92	NAD	14/09/92	
E	M	87.7	NAD	GROSS PM	14/09/92	NAD	14/09/92	
F	F	84.9	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	F	85.1	NAD	GROSS PM	14/09/92	NAD	14/09/92	
H	M			DISCARDED	14/09/92			
I	M			DISCARDED	14/09/92			
J	F			DISCARDED	14/09/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 28

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	77.7	NAD	SELECTED	12/09/92			
B	F	74.2	NAD	SELECTED	12/09/92			
C	F	81.2	NAD	FULL PM	14/09/92	NAD	14/09/92	*
D	M	95.1	NAD	GROSS PM	14/09/92	AEN	14/09/92	*
E	M	83.1	NAD	GROSS PM	14/09/92	NAD	14/09/92	
F	F	83.2	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	F			DISCARDED	14/09/92			
H	F			DISCARDED	14/09/92			
I	F			DISCARDED	14/09/92			DELETED
J	F	79.3	NAD	GROSS PM	14/09/92	NAD	14/09/92	

CTL/P/4097 - 736

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 28/C SEX: F

ON STUDY: 31 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

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

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 737

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 28/D SEX: M

ON STUDY: 31 days (5 wks) GROSS EM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

KIDNEY

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

END OF PUP-----

CTL/P/4097 - 738

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 30

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	105.0	NAD	SELECTED	16/09/92			
B	F	101.0	NAD	SELECTED	16/09/92			
C	M	107.5	NAD	GROSS PM	16/09/92	NAD	16/09/92	

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PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 32

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	76.4	NAD	SELECTED	09/09/92			
B	F	74.2	NAD	SELECTED	09/09/92			
C	F	78.6	NAD	SELECTED	09/09/92			
D	F	74.5	NAD	FULL PM	09/09/92	NAD	09/09/92	*
E	M	78.1	NAD	GROSS PM	09/09/92	NAD	09/09/92	
F	M	77.8	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	F	78.9	NAD	GROSS PM	09/09/92	NAD	09/09/92	
H	F	71.1	NAD	GROSS PM	09/09/92	NAD	09/09/92	
I	M			DISCARDED	09/09/92			
J	F			DISCARDED	09/09/92			

CTL/P/4097 - 740

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 32/D SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

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	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Interstitial nephritis : (minimal)

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 741

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 33

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	78.6	NAD	SELECTED	10/09/92			
B	F	65.7	NAD	SELECTED	10/09/92			
C	M	71.8	NAD	FULL PM	10/09/92	NAD	10/09/92	*
D	M	69.1	NAD	GROSS PM	10/09/92	NAD	10/09/92	
E	M	72.7	NAD	GROSS PM	10/09/92	NAD	10/09/92	
F	F	71.7	NAD	GROSS PM	10/09/92	NAD	10/09/92	
G	F	63.6	NAD	GROSS PM	10/09/92	NAD	10/09/92	
H	F			DISCARDED	10/09/92			
I	F			DISCARDED	10/09/92			
J	M			DISCARDED	10/09/92			
K	M			DISCARDED	10/09/92			
L	F			DISCARDED	10/09/92			

CTL/P/4097 - 742

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 33/C SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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	2
NOT PROTOCOL (SUBMITTED):	5	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 743

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - FLA PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 34

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	17/08/92			
B	M	91.0	NAD	SELECTED	10/09/92			
C	M	88.5	NAD	SELECTED	10/09/92			
D	F	79.8	NAD	SELECTED	10/09/92			
E	F	79.1	NAD	FULL PM	10/09/92	NAD	10/09/92	*
F	F	80.5	NAD	GROSS PM	10/09/92	NAD	10/09/92	
G	F	80.7	NAD	GROSS PM	10/09/92	NAD	10/09/92	
H	F			DISCARDED	10/09/92			
I	F			DISCARDED	10/09/92			
J	F			DISCARDED	10/09/92			

CTL/P/4097 - 744

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 34/E SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

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

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF FUP-----

CTL/P/4097 - 745

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - FLA PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 35

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	78.0	NAD	SELECTED	01/10/92			
B	M	78.9	NAD	SELECTED	01/10/92			
C	F	78.0	NAD	SELECTED	01/10/92			
D	M	81.0	NAD	GROSS FM	01/10/92	NAD	01/10/92	
E	F	73.7	NAD	GROSS FM	01/10/92	NAD	01/10/92	
F	F	76.9	NAD	GROSS FM	01/10/92	NAD	01/10/92	
G	F			DISCARDED	01/10/92			
H	F			DISCARDED	01/10/92			
I	F			DISCARDED	01/10/92			
J	F			DISCARDED	01/10/92			
K	F			DISCARDED	01/10/92			
L	F			DISCARDED	01/10/92			

CTL/P/4097 - 746

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 36

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	65.0	NAD	SELECTED	12/09/92			
B	F	64.6	NAD	SELECTED	12/09/92			
C	M	83.2	NAD	FULL PM	14/09/92	NAD	14/09/92	*
D	M	81.5	NAD	GROSS PM	14/09/92	NAD	14/09/92	
E	M	84.1	NAD	GROSS PM	14/09/92	NAD	14/09/92	
F	F	72.5	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	F	70.7	NAD	GROSS PM	14/09/92	NAD	14/09/92	
H	M			DISCARDED	14/09/92			
I	M			DISCARDED	14/09/92			
J	M			DISCARDED	14/09/92			
K	F			DISCARDED	14/09/92			
L	F			DISCARDED	14/09/92			
M	F			DISCARDED	14/09/92			

PAC905-01/11

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

APPENDIX 13

GROUP: 1 DOSE: 0 ppm
PUP ID: 36/C SEX: M

PATHOLOGY - F1A PUPS

ON STUDY: 31 days (5 wks) FULL PM

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	2
NOT PROTOCOL (SUBMITTED):	5	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 748

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - FLA PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 37

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	75.7	NAD	SELECTED	02/10/92			
B	F	72.8	NAD	SELECTED	02/10/92			
C	M	67.3	NAD	GROSS FM	02/10/92	NAD	02/10/92	
D	M	74.2	NAD	GROSS FM	02/10/92	NAD	02/10/92	
E	F	72.0	NAD	GROSS FM	02/10/92	NAD	02/10/92	
F	F	73.1	NAD	GROSS FM	02/10/92	NAD	02/10/92	
G	M			DISCARDED	02/10/92			
H	M			DISCARDED	02/10/92			
I	M			DISCARDED	02/10/92			
J	F			DISCARDED	02/10/92			
K	F			DISCARDED	02/10/92			
L	F			DISCARDED	02/10/92			
M	F			DISCARDED	02/10/92			

CTL/P/4097 - 749

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 38

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	72.3	NAD	SELECTED	11/09/92			
B	F	62.9	NAD	SELECTED	11/09/92			
C	M	78.0	NAD	FULL PM	11/09/92	ABN	11/09/92	*
D	M	69.8	NAD	GROSS PM	11/09/92	NAD	11/09/92	
E	M	76.3	NAD	GROSS PM	11/09/92	NAD	11/09/92	
F	F	64.9	NAD	GROSS PM	11/09/92	ABN	11/09/92	*
G	F	69.2	NAD	GROSS PM	11/09/92	NAD	11/09/92	
H	M			DISCARDED	11/09/92			
I	M			DISCARDED	11/09/92			
J	F			DISCARDED	11/09/92			
K	F			DISCARDED	11/09/92			

CTL/P/4097 - 750

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 38/C SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 38/C SEX: M

ON STUDY: 29 days (5 wks) FULL PM

MICROPATHOLOGY

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 752

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 38/F SEX: F

ON STUDY: 29 days (5 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

KIDNEY

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

END OF PUP

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 39

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	07/09/92			
B	M	71.5	NAD	GROSS EM	01/10/92	NAD	01/10/92	
C	F	69.9	NAD	GROSS EM	01/10/92	NAD	01/10/92	
D	F	66.2	NAD	GROSS EM	01/10/92	NAD	01/10/92	
E	F			DISCARDED	01/10/92			
F	F			DISCARDED	01/10/92			
G	F			DISCARDED	01/10/92			
H	F			DISCARDED	01/10/92			
I	F			DISCARDED	01/10/92			
J	F			DISCARDED	01/10/92			
K	F			DISCARDED	01/10/92			
L	F			DISCARDED	01/10/92			

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PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A FUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 40

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	94.3	NAD	SELECTED	15/09/92			
B	F	85.1	NAD	FULL PM	15/09/92	NAD	15/09/92	*
C	F	96.1	NAD	GROSS PM	15/09/92	NAD	15/09/92	

CTL/P/4097 - 755

PAC905-01/11

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

APPENDIX 13

GROUP: 1 DOSE: 0 ppm
PUP ID: 40/B SEX: F

PATHOLOGY - FLA PUPS

ON STUDY: 29 days (5 wks) FULL EM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

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

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 756

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 41

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	79.9	NAD	SELECTED	02/10/92			
B	F	77.6	NAD	SELECTED	02/10/92			
C	M	75.3	NAD	GROSS FM	02/10/92	NAD	02/10/92	
D	M	76.5	NAD	GROSS FM	02/10/92	NAD	02/10/92	
E	F	75.3	NAD	GROSS FM	02/10/92	NAD	02/10/92	
F	F	78.1	NAD	GROSS FM	02/10/92	NAD	02/10/92	
G	F			DISCARDED	02/10/92			
H	F			DISCARDED	02/10/92			
I	F			DISCARDED	02/10/92			
J	F			DISCARDED	02/10/92			
K	F			DISCARDED	02/10/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 42

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	5.5	ABN	INT EVC	22/08/92	ABN	22/08/92	
B	M	73.8	NAD	SELECTED	19/09/92			
C	M	74.5	NAD	SELECTED	19/09/92			
D	F	67.9	NAD	SELECTED	19/09/92			
E	M	79.3	NAD	GROSS FM	21/09/92	NAD	21/09/92	
F	M	86.4	NAD	GROSS FM	21/09/92	NAD	21/09/92	
G	F	76.5	NAD	GROSS FM	21/09/92	NAD	21/09/92	
H	F	74.3	NAD	GROSS FM	21/09/92	NAD	21/09/92	
I	M			DISCARDED	21/09/92			
J	M			DISCARDED	21/09/92			
K	M			DISCARDED	21/09/92			
L	F			DISCARDED	21/09/92			
M	F			DISCARDED	21/09/92			

CTL/P/4097 - 758

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 43

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	21/08/92			
B	M	9.2	ABN	INT EVC	21/08/92	ABN	21/08/92	DELETED
C	M			LOST	27/08/92			
D	M	79.5	NAD	SELECTED	14/09/92			
E	F	71.0	NAD	SELECTED	14/09/92			
F	M	80.9	NAD	GROSS FM	14/09/92	NAD	14/09/92	
G	M	73.8	NAD	GROSS FM	14/09/92	NAD	14/09/92	
H	M			DISCARDED	14/09/92			
I	M			DISCARDED	14/09/92			
J	M			DISCARDED	14/09/92			
K	M			DISCARDED	14/09/92			
L	M			DISCARDED	14/09/92			
M	M			DISCARDED	14/09/92			

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PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 44

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	28/08/92			
B	M			LOST	28/08/92			
C	F			LOST	28/08/92			
D	M	94.0	NAD	SELECTED	21/09/92			
E	F	83.5	NAD	SELECTED	21/09/92			
F	F	81.7	NAD	SELECTED	21/09/92			
G	M	94.0	NAD	GROSS PM	21/09/92	NAD	21/09/92	
H	M	96.6	NAD	GROSS PM	21/09/92	NAD	21/09/92	
I	F	84.3	NAD	GROSS PM	21/09/92	NAD	21/09/92	
J	F	79.4	NAD	GROSS PM	21/09/92	NAD	21/09/92	
K	F			DISCARDED	21/09/92			
L	F			DISCARDED	21/09/92			

CTL/P/4097 - 760

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 45

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	14/09/92			
B	M	83.2	NAD	GROSS FM	08/10/92	NAD	08/10/92	
C	M	79.2	NAD	GROSS FM	08/10/92	ABN	08/10/92	*
D	F	74.0	NAD	GROSS FM	08/10/92	NAD	08/10/92	
E	F	71.9	NAD	GROSS FM	08/10/92	NAD	08/10/92	
F	M			DISCARDED	08/10/92			
G	M			DISCARDED	08/10/92			
H	M			DISCARDED	08/10/92			
I	M			DISCARDED	08/10/92			
J	M			DISCARDED	08/10/92			
K	F			DISCARDED	08/10/92			
L	F			DISCARDED	08/10/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 45/C SEX: M

ON STUDY: 29 days (5 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

KIDNEY

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (left ; moderate)

-END OF PUP-

CTL/P/4097 - 762

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - FLA PUPS

GROUP: 1 DOSE: 0 ppm
 LITTER: 46

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	23/08/92			
B	M	75.5	NAD	SELECTED	16/09/92			
C	F	72.4	NAD	SELECTED	16/09/92			
D	M	73.0	NAD	GROSS FM	16/09/92	NAD	16/09/92	
E	M	67.2	NAD	GROSS FM	16/09/92	NAD	16/09/92	
F	F	71.5	NAD	GROSS FM	16/09/92	NAD	16/09/92	
G	F	59.3	NAD	GROSS FM	16/09/92	NAD	16/09/92	
H	M			DISCARDED	16/09/92			
I	M			DISCARDED	16/09/92			
J	M			DISCARDED	16/09/92			
K	F			DISCARDED	16/09/92			
L	F			DISCARDED	16/09/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 47

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	88.0	NAD	SELECTED	11/09/92			
B	F	81.5	NAD	SELECTED	11/09/92			
C	F	74.7	NAD	SELECTED	11/09/92			
D	M	87.8	NAD	FULL PM	11/09/92	NAD	11/09/92	*
E	M	78.1	NAD	GROSS PM	11/09/92	NAD	11/09/92	
F	M	81.2	NAD	GROSS PM	11/09/92	NAD	11/09/92	
G	F	79.3	NAD	GROSS PM	11/09/92	NAD	11/09/92	
H	F	63.5	NAD	GROSS PM	11/09/92	NAD	11/09/92	
I	M			DISCARDED	11/09/92			
J	M			DISCARDED	11/09/92			

CTL/P/4097 - 764

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 47/D SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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	2
NOT PROTOCOL (SUBMITTED):	5	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 765

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 1 DOSE: 0 ppm
LITTER: 48

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	75.6	NAD	FULL PM	09/09/92			
B	F	75.1	NAD	FULL PM	09/09/92			DELETED
C	M	75.6	NAD	SELECTED	09/09/92			DELETED
D	F	75.1	NAD	SELECTED	09/09/92			
E	M	82.2	NAD	FULL PM	09/09/92	NAD	09/09/92	*
F	M	75.5	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	M	75.3	ABN	GROSS PM	09/09/92	NAD	09/09/92	*
H	F	73.2	NAD	GROSS PM	09/09/92	NAD	09/09/92	
I	F	72.9	NAD	GROSS PM	09/09/92	NAD	09/09/92	
J	F			DISCARDED	09/09/92			

CTL/P/4097 - 766

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A FUPS

GROUP: 1 DOSE: 0 ppm
PUP ID: 48/E SEX: M

ON STUDY: 29 days (5 wks) FULL FM

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	2
NOT PROTOCOL (SUBMITTED):	5	0	5	0	0
(NOT SUBMITTED):	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

FACTOR CONTRIBUTORY TO DEATH

FCD NOT RECORDED

-----END OF PUP-----

CTL/P/4097 - 767

PAC905-01/11

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

APPENDIX 13

GROUP: 1 DOSE: 0 ppm
PUP ID: 48/G SEX: M

PATHOLOGY - F1A PUPS

ON STUDY: 29 days (5 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE : Clinical observation of left eye lid stained, not apparent at necropsy.

-----END OF PUP-----

CTL/P/4097 - 768

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 74

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	69.5	NAD	SELECTED	24/09/92			
B	M	71.7	NAD	SELECTED	24/09/92			
C	F	73.5	NAD	SELECTED	24/09/92			
D	M	68.1	NAD	GROSS PM	24/09/92	NAD	24/09/92	
E	M	70.3	NAD	GROSS PM	24/09/92	NAD	24/09/92	
F	F	68.2	NAD	GROSS PM	24/09/92	NAD	24/09/92	
G	F	68.8	NAD	GROSS PM	24/09/92	NAD	24/09/92	
H	M			DISCARDED	24/09/92			
I	M			DISCARDED	24/09/92			
J	M			DISCARDED	24/09/92			
K	F			DISCARDED	24/09/92			
L	F			DISCARDED	24/09/92			
M	F			DISCARDED	24/09/92			
N	F			DISCARDED	24/09/92			

CTL/P/4097 - 769

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 76

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	74.8	NAD	SELECTED	10/09/92			
B	F	62.6	NAD	SELECTED	10/09/92			
C	F	66.2	NAD	SELECTED	10/09/92			
D	F	71.7	NAD	FULL PM	10/09/92	NAD	10/09/92	*
E	M	70.9	NAD	GROSS PM	10/09/92	NAD	10/09/92	
F	M	74.7	NAD	GROSS PM	10/09/92	NAD	10/09/92	
G	F	71.0	NAD	GROSS PM	10/09/92	NAD	10/09/92	
H	F	73.1	NAD	GROSS PM	10/09/92	NAD	10/09/92	
I	F			DISCARDED	10/09/92			
J	F			DISCARDED	10/09/92			
K	F			DISCARDED	10/09/92			

CTL/P/4097 - 770

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 76/D SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 771

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 77

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	99.1	NAD	SELECTED	15/09/92			
B	F	93.6	NAD	SELECTED	15/09/92			
C	M	105.6	NAD	GROSS PM	15/09/92	NAD	15/09/92	
D	M	97.6	NAD	GROSS PM	15/09/92	ABN	15/09/92	*
E	M			DISCARDED	15/09/92			

CTL/P/4097 - 772

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 77/D SEX: M

ON STUDY: 29 days (5 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

KIDNEY

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (left ; slight ; right ; moderate)

-----END OF FUP-----

CTL/P/4097 - 773

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 78

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	06/09/92			
B	M			LOST	06/09/92			
C	M	84.3	NAD	SELECTED	30/09/92			
D	F	78.9	NAD	SELECTED	30/09/92			
E	M	82.4	NAD	GROSS PM	30/09/92	NAD	30/09/92	
F	M	82.9	NAD	GROSS PM	30/09/92	NAD	30/09/92	
G	F	79.1	NAD	GROSS PM	30/09/92	NAD	30/09/92	
H	F	73.2	NAD	GROSS PM	30/09/92	NAD	30/09/92	
I	M			DISCARDED	30/09/92			
J	M			DISCARDED	30/09/92			
K	F			DISCARDED	30/09/92			
L	F			DISCARDED	30/09/92			

CTL/P/4097 - 774

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 79

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	53.8	NAD	SELECTED	12/09/92			
B	F	54.5	NAD	SELECTED	12/09/92			
C	M	58.2	NAD	GROSS PM	14/09/92	NAD	14/09/92	
D	M	58.7	NAD	GROSS PM	14/09/92	NAD	14/09/92	
E	F	55.7	NAD	GROSS PM	14/09/92	NAD	14/09/92	
F	F	58.6	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	M			DISCARDED	14/09/92			
H	M			DISCARDED	14/09/92			
I	M			DISCARDED	14/09/92			
J	M			DISCARDED	14/09/92			
K	M			DISCARDED	14/09/92			
L	M			DISCARDED	14/09/92			
M	M			DISCARDED	14/09/92			
N	M			DISCARDED	14/09/92			

CTL/P/4097 - 775

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 81

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	16/08/92			
B	M	67.5	NAD	SELECTED	09/09/92			
C	M	75.6	NAD	SELECTED	09/09/92			
D	F	65.7	NAD	SELECTED	09/09/92			
E	M	74.4	NAD	FULL PM	09/09/92	NAD	09/09/92	*
F	M	70.7	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	M	73.4	NAD	GROSS PM	09/09/92	NAD	09/09/92	
H	F	66.3	NAD	GROSS PM	09/09/92	NAD	09/09/92	
I	F	68.6	NAD	GROSS PM	09/09/92	NAD	09/09/92	
J	M			DISCARDED	09/09/92			
K	M			DISCARDED	09/09/92			
L	F			DISCARDED	09/09/92			
M	F			DISCARDED	09/09/92			

CTL/P/4097 - 776

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 81/E SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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 PUP-----

CTL/P/4097 - 777

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 82

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	6.5	ABN	INT EVC	16/08/92	ABN	16/08/92	
B	F			LOST	19/08/92			
C	M	78.7	NAD	SELECTED	12/09/92			
D	F	77.2	NAD	SELECTED	12/09/92			
E	F	79.2	NAD	FULL FM	14/09/92	NAD	14/09/92	*
F	M	86.8	NAD	GROSS FM	14/09/92	NAD	14/09/92	
G	M	86.9	NAD	GROSS FM	14/09/92	NAD	14/09/92	
H	F	81.3	NAD	GROSS FM	14/09/92	NAD	14/09/92	
I	F	79.9	NAD	GROSS FM	14/09/92	NAD	14/09/92	
J	M			DISCARDED	14/09/92			
K	M			DISCARDED	14/09/92			
L	M			DISCARDED	14/09/92			
M	M			DISCARDED	14/09/92			
N	F			DISCARDED	14/09/92			

CTL/P/4097 - 778

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

GROUP: 2 DOSE: 100 ppm
PUP ID: 82/E SEX: F

PATHOLOGY - FLA PUPS

ON STUDY: 31 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 779

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 83

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	82.9	NAD	SELECTED	09/09/92			
B	M	83.8	NAD	FULL PM	09/09/92	NAD	09/09/92	*
C	M	79.6	NAD	GROSS PM	09/09/92	NAD	09/09/92	
D	M	74.0	NAD	GROSS PM	09/09/92	NAD	09/09/92	
E	M			DISCARDED	09/09/92			
F	M			DISCARDED	09/09/92			
G	M			DISCARDED	09/09/92			
H	M			DISCARDED	09/09/92			
I	M			DISCARDED	09/09/92			

CTL/P/4097 - 780

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

GROUP: 2 DOSE: 100 ppm
PUP ID: 83/B SEX: M

PATHOLOGY - F1A PUPS

ON STUDY: 29 days (5 wks) FULL PM

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 PUP-----

CTL/P/4097 - 781

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 84

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	16/08/92			
B	M	66.1	NAD	SELECTED	09/09/92			
C	F	70.9	NAD	SELECTED	09/09/92			
D	F	68.4	NAD	SELECTED	09/09/92			
E	M	70.5	NAD	FULL PM	09/09/92	NAD	09/09/92	*
F	M	70.6	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	M	67.5	NAD	GROSS PM	09/09/92	NAD	09/09/92	
H	F	74.7	NAD	GROSS PM	09/09/92	NAD	09/09/92	
I	F	71.4	NAD	GROSS PM	09/09/92	NAD	09/09/92	
J	M			DISCARDED	09/09/92			
K	M			DISCARDED	09/09/92			
L	M			DISCARDED	09/09/92			
M	F			DISCARDED	09/09/92			

CTL/P/4097 - 782

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 84/E SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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 PUP-----

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 85

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	08/09/92			
B	M	84.6	NAD	SELECTED	02/10/92			
C	M	79.6	NAD	SELECTED	02/10/92			
D	F	70.8	NAD	SELECTED	02/10/92			
E	F	71.9	NAD	SELECTED	02/10/92			
F	M	80.4	NAD	GROSS PM	02/10/92	NAD	02/10/92	
G	M	83.1	NAD	GROSS PM	02/10/92	NAD	02/10/92	
H	F	73.3	NAD	GROSS PM	02/10/92	NAD	02/10/92	
I	F	75.4	NAD	GROSS PM	02/10/92	NAD	02/10/92	
J	M			DISCARDED	02/10/92			
K	M			DISCARDED	02/10/92			
L	F			DISCARDED	02/10/92			

CTL/P/4097 - 784

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 86

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	72.0	NAD	SELECTED	11/09/92			
B	F	68.3	NAD	SELECTED	11/09/92			
C	F	75.8	NAD	SELECTED	11/09/92			
D	F	67.5	NAD	FULL FM	11/09/92	NAD	11/09/92	*
E	M	68.9	NAD	GROSS FM	11/09/92	NAD	11/09/92	
F	M	77.9	NAD	GROSS FM	11/09/92	NAD	11/09/92	
G	F	62.4	NAD	GROSS FM	11/09/92	NAD	11/09/92	
H	F	70.9	NAD	GROSS FM	11/09/92	NAD	11/09/92	
I	M			DISCARDED	11/09/92			
J	F			DISCARDED	11/09/92			
K	F			DISCARDED	11/09/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 86/D SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 786

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 87

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	4.1	ABN	INT EVC	18/08/92	ABN	18/08/92	
B	M	66.0	NAD	SELECTED	14/09/92			
C	F	60.5	NAD	SELECTED	14/09/92			
D	F			DISCARDED	14/09/92			
E	F	55.5	NAD	FULL PM	14/09/92	NAD	14/09/92	*
F	M	61.9	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	F	68.3	NAD	GROSS PM	14/09/92	NAD	14/09/92	
H	F	50.5	NAD	GROSS PM	14/09/92	NAD	14/09/92	
I	M	66.4	NAD	GROSS PM	14/09/92	NAD	14/09/92	
J	M			DISCARDED	14/09/92			
K	M			DISCARDED	14/09/92			
L	M			DISCARDED	14/09/92			
M	M			DISCARDED	14/09/92			
N	M			DISCARDED	14/09/92			
O	F			DISCARDED	14/09/92			
P	F			DISCARDED	14/09/92			

CTL/P/4097 - 787

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 87/E SEX: F

ON STUDY: 29 days (5 wks) FULL FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 788

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 88

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	76.7	NAD	SELECTED	09/09/92			
B	F	75.6	NAD	SELECTED	09/09/92			
C	F	77.7	NAD	FULL FM	09/09/92	NAD	09/09/92	*
D	M	80.8	NAD	GROSS FM	09/09/92	NAD	09/09/92	
E	M	81.3	NAD	GROSS FM	09/09/92	NAD	09/09/92	
F	F	73.8	NAD	GROSS FM	09/09/92	NAD	09/09/92	
G	F	74.7	NAD	GROSS FM	09/09/92	NAD	09/09/92	
H	M			DISCARDED	09/09/92			
I	M			DISCARDED	09/09/92			
J	F			DISCARDED	09/09/92			
K	F			DISCARDED	09/09/92			

PAC905-01/11

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

APPENDIX 13

GROUP: 2 DOSE: 100 ppm
PUP ID: 88/C SEX: F

PATHOLOGY - F1A PUPS

ON STUDY: 29 days (5 wks) FULL FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 790

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 89

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	73.3	NAD	SELECTED	01/10/92			
B	F	68.1	NAD	SELECTED	01/10/92			
C	M	71.5	NAD	GROSS PM	01/10/92	NAD	01/10/92	
D	M	74.8	NAD	GROSS PM	01/10/92	NAD	01/10/92	
E	F	65.0	NAD	GROSS PM	01/10/92	NAD	01/10/92	
F	F	70.9	NAD	GROSS PM	01/10/92	NAD	01/10/92	
G	M			DISCARDED	01/10/92			
H	M			DISCARDED	01/10/92			
I	M			DISCARDED	01/10/92			
J	M			DISCARDED	01/10/92			
K	F			DISCARDED	01/10/92			
L	F			DISCARDED	01/10/92			

CTL/P/4097 - 791

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 91

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	07/09/92			
B	M	73.7	NAD	SELECTED	01/10/92			
C	F	70.6	NAD	SELECTED	01/10/92			
D	M	74.5	NAD	GROSS FM	01/10/92	NAD	01/10/92	
E	M	67.6	NAD	GROSS FM	01/10/92	NAD	01/10/92	
F	F	65.4	NAD	GROSS FM	01/10/92	NAD	01/10/92	
G	F	69.0	NAD	GROSS FM	01/10/92	NAD	01/10/92	
H	M	60.5	ABN	GROSS FM	01/10/92	ABN	01/10/92	*
I	M			DISCARDED	01/10/92			
J	F			DISCARDED	01/10/92			
K	F			DISCARDED	01/10/92			
L	F			DISCARDED	01/10/92			

CTL/P/4097 - 792

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
FUP ID: 91/H SEX: M

ON STUDY: 29 days (5 wks) GROSS PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

TAIL

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Traumatized ; cannibalised.
Swollen

END OF FUP

CTL/P/4097 - 793

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 92

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	5.7	ABN	INT EVC	05/09/92	ABN	05/09/92	
B	M	6.1	ABN	INT EVC	05/09/92	ABN	05/09/92	
C	F	5.9	ABN	INT EVC	05/09/92	NAD	05/09/92	
D	F	6.2	ABN	INT EVC	05/09/92	NAD	05/09/92	
E	M			LOST	09/09/92			
F	M			LOST	09/09/92			
G	M	107.1	NAD	GROSS FM	05/10/92	NAD	05/10/92	
H	M	104.0	NAD	GROSS FM	05/10/92	NAD	05/10/92	
I	F	91.9	NAD	GROSS FM	05/10/92	NAD	05/10/92	
J	M			DISCARDED	05/10/92			

CTL/P/4097 - 794

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100
 LITTER: 93 ppm

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	18/08/92			
B	M	70.4	NAD	SELECTED	11/09/92			
C	M	76.7	NAD	SELECTED	11/09/92			
D	F	69.2	NAD	SELECTED	11/09/92			
E	M	72.8	NAD	FULL PM	11/09/92	NAD	11/09/92	*
F	M	70.3	NAD	GROSS PM	11/09/92	NAD	11/09/92	
G	M	73.6	NAD	GROSS PM	11/09/92	NAD	11/09/92	
H	F	70.6	NAD	GROSS PM	11/09/92	NAD	11/09/92	
I	F	70.9	NAD	GROSS PM	11/09/92	NAD	11/09/92	
J	M			DISCARDED	11/09/92			
K	M			DISCARDED	11/09/92			
L	M			DISCARDED	11/09/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 93/E SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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 PUP-----

CTL/P/4097 - 796

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 94

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	60.1	NAD	SELECTED	10/09/92			
B	F	67.3	NAD	SELECTED	10/09/92			
C	M	80.9	NAD	GROSS FM	10/09/92	NAD	10/09/92	
D	M	73.2	NAD	GROSS FM	10/09/92	NAD	10/09/92	
E	F	67.7	NAD	GROSS FM	10/09/92	NAD	10/09/92	
F	F	69.6	NAD	GROSS FM	10/09/92	NAD	10/09/92	
G	M			DISCARDED	10/09/92			
H	M			DISCARDED	10/09/92			
I	M			DISCARDED	10/09/92			
J	M			DISCARDED	10/09/92			
K	M			DISCARDED	10/09/92			
L	F			DISCARDED	10/09/92			

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
 LITTER: 95

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	69.8	NAD	SELECTED	11/09/92			
B	F	62.6	NAD	SELECTED	11/09/92			
C	M	67.5	NAD	FULL PM	11/09/92	NAD	11/09/92	*
D	M	72.5	NAD	GROSS PM	11/09/92	NAD	11/09/92	
E	M	66.2	NAD	GROSS PM	11/09/92	NAD	11/09/92	
F	F	71.8	NAD	GROSS PM	11/09/92	NAD	11/09/92	
G	F	62.0	NAD	GROSS PM	11/09/92	NAD	11/09/92	
H	M			DISCARDED	11/09/92			
I	M			DISCARDED	11/09/92			
J	M			DISCARDED	11/09/92			
K	F			DISCARDED	11/09/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
PUP ID: 95/C SEX: M

ON STUDY: 29 days (5 wks) FULL FM

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 PUP-----

CTL/P/4097 - 799

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 2 DOSE: 100 ppm
LITTER: 96

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	75.2	NAD	SELECTED	15/09/92			
B	F	78.5	NAD	SELECTED	15/09/92			
C	F	79.4	NAD	SELECTED	15/09/92			
D	M	84.6	NAD	GROSS FM	15/09/92	NAD	15/09/92	

CTL/P/4097 - 800

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 122

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	63.5	NAD	SELECTED	02/10/92			
B	M	60.0	NAD	SELECTED	02/10/92			
C	F	63.7	NAD	SELECTED	02/10/92			
D	M	57.9	NAD	GROSS FM	02/10/92	NAD	02/10/92	
E	M	65.6	NAD	GROSS FM	02/10/92	NAD	02/10/92	
F	F	55.9	NAD	GROSS FM	02/10/92	NAD	02/10/92	
G	F	56.6	NAD	GROSS FM	02/10/92	NAD	02/10/92	
H	F			DISCARDED	02/10/92			
I	F			DISCARDED	02/10/92			
J	F			DISCARDED	02/10/92			
K	F			DISCARDED	02/10/92			
L	F			DISCARDED	02/10/92			
M	M			LOST	08/09/92			
N	M			LOST	08/09/92			

CTL/P/4097 - 801

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 123

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	23/08/92			
B	F			LOST	23/08/92			
C	M	69.2	NAD	SELECTED	16/09/92			
D	F	63.0	NAD	SELECTED	16/09/92			
E	F	64.2	NAD	SELECTED	16/09/92			
F	M	68.5	NAD	GROSS PM	16/09/92	NAD	16/09/92	
G	M	63.1	NAD	GROSS PM	16/09/92	NAD	16/09/92	
H	F	66.1	NAD	GROSS PM	16/09/92	NAD	16/09/92	
I	M			DISCARDED	16/09/92			
J	M			DISCARDED	16/09/92			
K	M			DISCARDED	16/09/92			
L	M			DISCARDED	16/09/92			
M	M			DISCARDED	16/09/92			
N	M			DISCARDED	16/09/92			

CTL/P/4097 - 802

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 124

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	74.5	NAD	SELECTED	02/10/92			
B	M	75.3	NAD	SELECTED	02/10/92			
C	M	75.6	NAD	GROSS PM	02/10/92	NAD	02/10/92	
D	M	73.3	NAD	GROSS PM	02/10/92	NAD	02/10/92	
E	F	69.5	NAD	GROSS PM	02/10/92	NAD	02/10/92	
F	F	71.3	NAD	GROSS PM	02/10/92	ABN	02/10/92	*
G	M			DISCARDED	02/10/92			
H	M			DISCARDED	02/10/92			
I	F			DISCARDED	02/10/92			
J	F			DISCARDED	02/10/92			

CTL/P/4097 - 803

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 124/F SEX: F

ON STUDY: 29 days (5 wks) GROSS PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

KIDNEY

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

-----END OF PUP-----

CTL/P/4097 - 804

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 125

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	6.2	ABN	INT EVC	17/08/92	ABN	17/08/92	
B	M	78.8	NAD	SELECTED	14/09/92			
C	M	87.5	NAD	SELECTED	14/09/92			
D	F	82.0	NAD	SELECTED	14/09/92			
E	M	89.6	NAD	FULL PM	14/09/92	NAD	14/09/92	*
F	M	84.6	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	F	81.5	NAD	GROSS PM	14/09/92	NAD	14/09/92	
H	F	82.5	NAD	GROSS PM	14/09/92	NAD	14/09/92	
I	F			DISCARDED	14/09/92			

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 125/E SEX: M

ON STUDY: 29 days (5 wks) FULL FM

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 PUP-----

CTL/P/4097 - 806

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 126

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	94.7	NAD	SELECTED	11/09/92			
B	M	90.2	NAD	SELECTED	11/09/92			
C	M	89.9	NAD	GROSS FM	11/09/92	NAD	11/09/92	
D	M	90.8	NAD	GROSS FM	11/09/92	NAD	11/09/92	

CTL/P/4097 - 807

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 129

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	67.7	NAD	SELECTED	09/09/92			
B	M	53.9	NAD	SELECTED	09/09/92			
C	F	69.6	NAD	SELECTED	09/09/92			
D	F	78.0	NAD	SELECTED	09/09/92			
E	F	68.4	NAD	FULL PM	09/09/92	NAD	09/09/92	*

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 129/E SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 809

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 131

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	76.0	NAD	SELECTED	15/09/92			
B	M	73.4	NAD	SELECTED	15/09/92			
C	F	69.3	NAD	SELECTED	15/09/92			
D	M	70.8	NAD	GROSS PM	15/09/92	NAD	15/09/92	
E	M	63.8	NAD	GROSS PM	15/09/92	NAD	15/09/92	
F	F	62.5	NAD	GROSS PM	15/09/92	NAD	15/09/92	
G	M			DISCARDED	15/09/92			

CTL/P/4097 - 810

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 133

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	83.3	NAD	SELECTED	02/10/92			
B	F	78.4	NAD	SELECTED	02/10/92			
C	M	80.9	NAD	GROSS PM	02/10/92	NAD	02/10/92	
D	M	69.6	NAD	GROSS PM	02/10/92	NAD	02/10/92	
E	F	77.2	NAD	GROSS PM	02/10/92	NAD	02/10/92	
F	F	79.0	NAD	GROSS PM	02/10/92	NAD	02/10/92	
G	M			DISCARDED	02/10/92			
H	F			DISCARDED	02/10/92			
I	F			DISCARDED	02/10/92			
J	F			DISCARDED	02/10/92			

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 134

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	76.5	NAD	SELECTED	09/09/92			
B	F	65.2	NAD	SELECTED	09/09/92			
C	F	76.7	NAD	SELECTED	09/09/92			
D	M	62.9	NAD	FULL PM	09/09/92	NAD	09/09/92	*
E	M	72.5	NAD	GROSS PM	09/09/92	NAD	09/09/92	
F	M	80.3	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	F	70.1	NAD	GROSS PM	09/09/92	NAD	09/09/92	
H	F	63.0	NAD	GROSS PM	09/09/92	NAD	09/09/92	
I	M			DISCARDED	09/09/92			

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PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 134/D SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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 PUP-----

CTL/P/4097 - 813

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 135

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	70.8	NAD	SELECTED	09/09/92			
B	M	72.0	NAD	SELECTED	09/09/92			
C	F	65.4	NAD	SELECTED	09/09/92			
D	M	71.0	NAD	FULL PM	09/09/92	ABN	09/09/92	*
E	M	72.9	NAD	GROSS PM	09/09/92	NAD	09/09/92	
F	M	71.1	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	M			DISCARDED	09/09/92			
H	M			DISCARDED	09/09/92			

CTL/P/4097 - 814

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 135/D SEX: M

ON STUDY: 29 days (5 wks) FULL PM

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

-----END OF FUP-----

CTL/P/4097
815

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 136

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	65.1	NAD	SELECTED	09/09/92			
B	F	63.2	NAD	SELECTED	09/09/92			
C	F	67.3	NAD	SELECTED	09/09/92			
D	F	67.4	NAD	FULL FM	09/09/92	NAD	09/09/92	*
E	M	66.6	NAD	GROSS FM	09/09/92	NAD	09/09/92	
F	M	73.1	NAD	GROSS FM	09/09/92	NAD	09/09/92	*
G	M	70.7	ABN	GROSS FM	09/09/92	NAD	09/09/92	
H	F	61.6	NAD	GROSS FM	09/09/92	NAD	09/09/92	
I	F	65.0	NAD	GROSS FM	09/09/92	NAD	09/09/92	*
J	F	65.7	ABN	GROSS FM	09/09/92	ABN	09/09/92	
K	F			DISCARDED	09/09/92			
L	F			DISCARDED	09/09/92			

CTL/P/4097 - 816

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
FUP ID: 136/D SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF FUP-----

CTL/P/4097 - 817

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 136/G SEX: M

ON STUDY: 29 days (5 wks) GROSS EM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE : Clinical observation of eye lids stained not apparent at necropsy.

-----END OF PUP-----

CTL/P/4097 - 818

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 136/J SEX: F

ON STUDY: 29 days (5 wks) GROSS EM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EYE

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained

END OF PUP-----

CTL/P/4097 - 819

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 137

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	18/08/92			
B	M	64.0	NAD	SELECTED	11/09/92			
C	F	57.9	NAD	SELECTED	11/09/92			
D	F	56.5	NAD	SELECTED	11/09/92			
E	F	61.9	NAD	FULL PM	11/09/92	NAD	11/09/92	*
F	M	61.9	NAD	GROSS PM	11/09/92	NAD	11/09/92	
G	M	64.4	NAD	GROSS PM	11/09/92	NAD	11/09/92	
H	F	61.7	NAD	GROSS PM	11/09/92	NAD	11/09/92	
I	F	60.4	NAD	GROSS PM	11/09/92	NAD	11/09/92	
J	F			DISCARDED	11/09/92			
K	F			DISCARDED	11/09/92			
L	F			DISCARDED	11/09/92			
M	F			DISCARDED	11/09/92			
N	F			DISCARDED	11/09/92			

CTL/P/4097 - 820

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 137/E SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 821

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 138

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M			LOST	06/09/92			
B	M	79.4	NAD	SELECTED	30/09/92			
C	F	66.0	NAD	SELECTED	30/09/92			
D	M	75.5	NAD	GROSS PM	30/09/92	NAD	30/09/92	
E	M	71.1	NAD	GROSS PM	30/09/92	NAD	30/09/92	
F	F	67.4	NAD	GROSS PM	30/09/92	NAD	30/09/92	
G	F	66.6	NAD	GROSS PM	30/09/92	NAD	30/09/92	
H	M			DISCARDED	30/09/92			
I	M			DISCARDED	30/09/92			
J	M			DISCARDED	30/09/92			
K	M			DISCARDED	30/09/92			

CTL/P/4097 - 822

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
 LITTER: 139

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	67.5	NAD	SELECTED	09/09/92			
B	F	61.6	NAD	SELECTED	09/09/92			
C	F	60.0	NAD	SELECTED	09/09/92			
D	F	59.3	NAD	FULL PM	09/09/92	NAD	09/09/92	*
E	M	63.5	NAD	GROSS PM	09/09/92	NAD	09/09/92	
F	M	62.4	NAD	GROSS PM	09/09/92	NAD	09/09/92	
G	M	60.1	ABN	GROSS PM	09/09/92	ABN	09/09/92	*
H	M	65.2	ABN	GROSS PM	09/09/92	ABN	09/09/92	*
I	M	61.1	ABN	GROSS PM	09/09/92	ABN	09/09/92	*
J	F	63.8	NAD	GROSS PM	09/09/92	NAD	09/09/92	
K	F	60.2	NAD	GROSS PM	09/09/92	NAD	09/09/92	
L	F			DISCARDED	09/09/92			
M	F		ABN	GROSS PM	09/09/92	ABN	09/09/92	*

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 139/D SEX: F

ON STUDY: 29 days (5 wks) FULL FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 824

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 139/G SEX: M

ON STUDY: 29 days (5 wks) GROSS PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EYE

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained : (left ; slight)

END OF PUP-----

CTL/P/4097 - 825

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - FLA PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 139/H SEX: M

ON STUDY: 29 days (5 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained : (moderate)

END OF PUP-----

CTL/P/4097 - 826

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 139/I SEX: M

ON STUDY: 29 days (5 wks) GROSS PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Eyelid/s stained : (right ; slight)

-----END OF PUP-----

CTL/P/4097 - 827

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 139/M SEX: F

ON STUDY: 29 days (5 wks) GROSS PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

 Eyelid/s stained : (left ; slight)

-----END OF PUP-----

CTL/P/4097 - 828

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 141

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	27.4	ABN	INT EVC	26/09/92	ABN	26/09/92	
B	M	80.0	NAD	GROSS FM	07/10/92	NAD	08/10/92	
C	F	77.1	NAD	GROSS FM	07/10/92	NAD	08/10/92	
D	F	80.8	NAD	GROSS FM	07/10/92	NAD	08/10/92	
E	F			DISCARDED	07/10/92			
F	F			DISCARDED	07/10/92			
G	F			DISCARDED	07/10/92			
H	F			DISCARDED	07/10/92			
I	F			DISCARDED	07/10/92			

CTL/P/4097 - 829

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - FLA PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 143

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	58.9	NAD	SELECTED	11/09/92			
B	F	59.1	NAD	SELECTED	11/09/92			
C	F	54.4	NAD	SELECTED	11/09/92			
D	M	59.9	NAD	FULL PM	11/09/92	NAD	11/09/92	*
E	F	51.8	NAD	FULL PM	11/09/92	NAD	11/09/92	*
F	M	57.0	NAD	GROSS PM	11/09/92	NAD	11/09/92	
G	M	58.9	NAD	GROSS PM	11/09/92	NAD	11/09/92	
H	F	56.6	NAD	GROSS PM	11/09/92	NAD	11/09/92	
I	F	58.9	NAD	GROSS PM	11/09/92	NAD	11/09/92	
J	M			DISCARDED	11/09/92			
K	M			DISCARDED	11/09/92			
L	M			DISCARDED	11/09/92			
M	M			DISCARDED	11/09/92			
N	M			DISCARDED	11/09/92			

CTL/P/4097 - 830

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 143/D SEX: M

ON STUDY: 29 days (5 wks) FULL FM

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 FUP-----

CTL/P/4097 - 831

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 143/E SEX: F

ON STUDY: 29 days (5 wks) FULL PM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

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

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 832

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
LITTER: 144

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	4.8	ABN	INT EVC	12/08/92	ABN	12/08/92	
B	M			LOST	16/08/92			
C	F			LOST	22/08/92			
D	M	74.0	NAD	SELECTED	09/09/92			
E	F	71.7	NAD	SELECTED	09/09/92			
F	F	70.6	NAD	SELECTED	09/09/92			
G	M	81.4	NAD	FULL PM	09/09/92	NAD	09/09/92	*
H	M	67.6	NAD	GROSS PM	09/09/92	NAD	09/09/92	
I	M	78.0	NAD	GROSS PM	09/09/92	NAD	09/09/92	
J	F	71.7	NAD	GROSS PM	09/09/92	NAD	09/09/92	
K	F	72.1	NAD	GROSS PM	09/09/92	NAD	09/09/92	
L	M			DISCARDED	09/09/92			
M	M			DISCARDED	09/09/92			

CTL/P/4097 - 833

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 3 DOSE: 300 ppm
PUP ID: 144/G SEX: M

ON STUDY: 29 days (5 wks) FULL FM

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 PUP-----

CTL/P/4097 - 834

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
LITTER: 169

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	4.6	ABN	INT EVC	16/08/92	ABN	16/08/92	
B	F	4.4	ABN	INT EVC	16/08/92	ABN	16/08/92	
C	F	6.8	ABN	INT EVC	20/08/92	ABN	20/08/92	
D	M	67.4	NAD	SELECTED	13/09/92			
E	F	64.4	NAD	SELECTED	13/09/92			
F	F	68.1	NAD	GROSS PM	14/09/92	NAD	14/09/92	
G	F	60.4	NAD	GROSS PM	14/09/92	NAD	14/09/92	
H	F			DISCARDED	14/09/92			
I	F			DISCARDED	14/09/92			
J	F			DISCARDED	14/09/92			
K	F			DISCARDED	14/09/92			
L	F			DISCARDED	14/09/92			
M	F			DISCARDED	14/09/92			

CTL/P/4097 - 835

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
LITTER: 170

L I T T E R S U M M A R Y

FUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F			LOST	11/09/92			
B	M	16.1	ABN	INT FULL	26/09/92	ABN	27/09/92	*
C	M	64.3	NAD	SELECTED	05/10/92			
D	F	55.4	NAD	SELECTED	05/10/92			
E	M	58.2	NAD	GROSS PM	05/10/92	NAD	05/10/92	
F	M	57.2	NAD	GROSS PM	05/10/92	NAD	05/10/92	
G	F	52.8	NAD	GROSS PM	05/10/92	NAD	05/10/92	
H	F	45.6	NAD	GROSS PM	05/10/92	NAD	05/10/92	
I	M			DISCARDED	05/10/92			
J	M			DISCARDED	05/10/92			
K	M			DISCARDED	05/10/92			
L	M			DISCARDED	05/10/92			
M	F			DISCARDED	05/10/92			
N	F			DISCARDED	05/10/92			
O	F			DISCARDED	05/10/92			

CTL/P/4097 - 836

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
PUP ID: 170/B SEX: M

ON STUDY: 21 days (3 wks) INT FULL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

BRAIN ; EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; STERNUM ; TESTIS ; URINARY BLADDER

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

BRAIN

Enlarged cerebral hemispheres

Soft

SEMINAL VESICLE

Reduced : by 75%.

SKULL

Cranium domed

STERNUM

Inverted

URINARY BLADDER

Distended : x2.5.

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	0	8	0	0
(NOT SUBMITTED):	1	0	1	0	0

CTL/P/4097 - 837

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
PUP ID: 170/B SEX: M

ON STUDY: 21 days (3 wks) INT FULL

MICROPATHOLOGY

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Vacuolar degeneration of proximal convoluted tubules : (marked)

FACTOR CONTRIBUTORY TO DEATH

FCD UNKNOWN

-----END OF PUP-----

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
LITTER: 171

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	M	67.1	NAD	SELECTED	01/10/92			
B	F	63.7	NAD	SELECTED	01/10/92			
C	M	64.3	NAD	GROSS FM	01/10/92	NAD	01/10/92	
D	M	64.6	NAD	GROSS FM	01/10/92	NAD	01/10/92	
E	F	61.8	NAD	GROSS FM	01/10/92	NAD	01/10/92	
F	F	64.2	NAD	GROSS FM	01/10/92	NAD	01/10/92	
G	M	44.4	ABN	GROSS FM	01/10/92	ABN	01/10/92	*
H	F	47.0	ABN	GROSS FM	01/10/92	NAD	09/11/93	*
I	F			DISCARDED	01/10/92			
J	F			DISCARDED	01/10/92			
K	F			DISCARDED	01/10/92			
L	F			DISCARDED	01/10/92			

CTL/P/4097 - 839

PAC905-01/11

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
PUP ID: 171/G SEX: M

ON STUDY: 29 days (5 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

HEART

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE : Clinical observation of discharge not apparent at necropsy.

HEART

Enlarged : x1.5.

-----END OF PUP-----

CTL/P/4097 - 840

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
PUP ID: 171/H SEX: F

ON STUDY: 433 days (62 wks) GROSS FM

MACROPATHOLOGY

Killed by Fluothane ; No macroscopic findings were detected to account for clinical abnormality.

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

-----END OF PUP-----

CTL/P/4097 - 841

PAC905-01/11

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

APPENDIX 13

PATHOLOGY - F1A PUPS

GROUP: 4 DOSE: 1000 ppm
LITTER: 172

L I T T E R S U M M A R Y

PUP ID	SEX	BODY WT	CLIN OBS	FATE	DATE	P.M.	DATE	IAD
A	F	9.9	ABN	INT EVC	17/08/92	ABN	17/08/92	
B	F	76.6	NAD	SELECTED	09/09/92			
C	F	67.1	NAD	SELECTED	09/09/92			
D	F	63.4	NAD	FULL PM	09/09/92	NAD	09/09/92	*

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