

Halogenated Solvents Industry Alliance

PERCHLOROETHYLENE: MULTIGENERATION
INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

VOLUME I OF IV

Data Requirement - Guideline Ref. 83-4

Study Completion Date - 27 JUN 1995

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

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

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ZENECA CENTRAL TOXICOLOGY LABORATORY
ALDERLEY PARK MACCLESFIELD
CHESHIRE UK

CATEGORY B REPORT (CONFIDENTIAL)
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Sponsor: Halogenated Solvents
Industry Alliance
Sponsor Ref: HSIA/90/0002
CTL Ref: Y00207/005
CTL Study Nos: RR0580/F0
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REPORT NO: CTL/P/4097

PERCHLOROETHYLENE: MULTIGENERATION
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INDIVIDUAL ANIMAL DATA SUPPLEMENT

VOLUME I OF IV


Approved for Issue: G A Wickramaratne
Product Toxicologist

Date of Issue: 27 JUN 1995

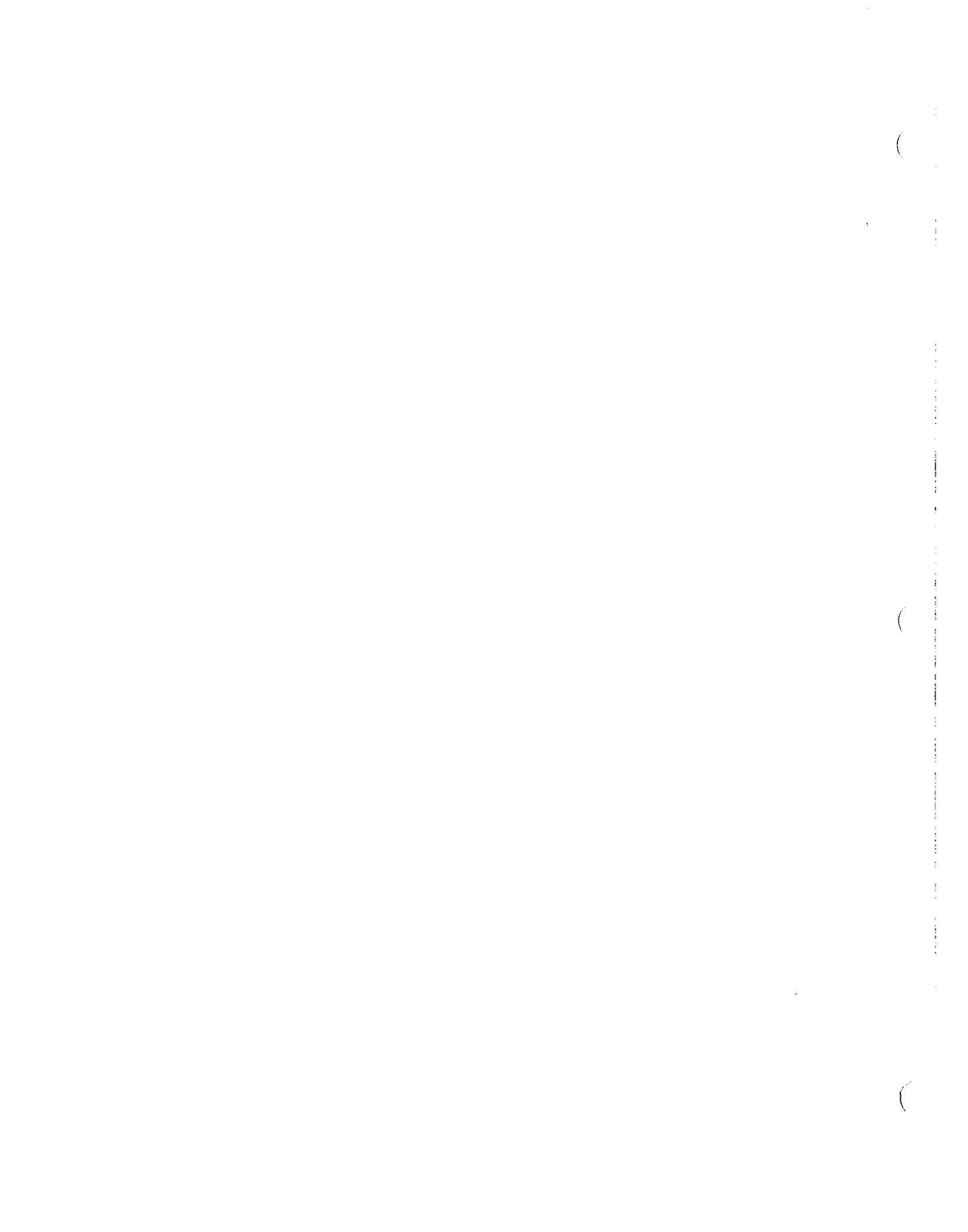


PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

CONTENTS

	Page No
VOLUME I	
Key to Parent Numbers - F0 Generation	247-249
APPENDIX 1 : Clinical Observations - F0 Generation	250-302
✓ APPENDIX 2 : Bodyweights (g) - F0 Generation	303-315
✓ APPENDIX 3 : Food Consumption (g/rat/day) During the Pre-Mating Period - F0 Generation	316-327
APPENDIX 4 : Vaginal Smear Data - F0 Generation	328-344
✓ APPENDIX 5 : Bodyweights (g) During Gestation - F0 Generation	345-349
✓ APPENDIX 6 : Bodyweights (g) During Lactation - F0 Generation	350-354
✓ APPENDIX 7 : Reproductive Performance - F0 Generation	355-363
APPENDIX 8 : Clinical Observations (Litters per Symptom) - F1A Pups	364-407
✓ APPENDIX 9 : Bodyweights (g) by Litter to Day 29 <u>Post Partum</u> - F1A Pups	408-468
APPENDIX 10 : Organ Weights (g) - F0 Generation	469-489
APPENDIX 11 : Organ Weights (g) - F1A Pups	490-498
VOLUME II	
APPENDIX 12A: Pathology Cross Reference - F0 Generation	501-513
APPENDIX 12B: Pathology - F0 Generation	514-731
APPENDIX 13 : Pathology - F1A Pups	732-989



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

CONTENTS - continued

	Page No
VOLUME III	
Key to Parent Numbers - F1 Generation	993-996
APPENDIX 14 : Clinical Observations - F1 Generation ✓	997-1058
APPENDIX 15 : Bodyweights (g) - F1 Generation	1059-1075
APPENDIX 16 : Food Consumption (g/rat/day) During the Pre-Mating Period - F1 Generation	1076-1087
APPENDIX 17A: Vaginal Smear Data - F1 Generation - F2A Litter	1088-1108
APPENDIX 17B: Vaginal Smear Data - F1 Generation - F2B Litter	1109-1119
APPENDIX 17C: Vaginal Smear Data - F1 Generation - F2C Litter	1120-1130
APPENDIX 18A: Bodyweights (g) During Gestation - F1 Generation - F2A Litter	1131-1135
APPENDIX 18B: Bodyweights (g) During Gestation - F1 Generation - F2B Litter	1136-1139
APPENDIX 18C: Bodyweights (g) During Gestation - Naive Females - F2C Litter	1140-1142
APPENDIX 19A: Bodyweights (g) During Lactation - F1 Generation - F2A Litter	1143-1149
APPENDIX 19B: Bodyweights (g) During Lactation - F1 Generation - F2B Litter	1150-1156
APPENDIX 20A: Reproductive Performance - F1 Generation - F2A Litters	1157-1165
APPENDIX 20B: Reproductive Performance - F1 Generation - F2B Litters	1166-1172
APPENDIX 20C: Reproductive Performance - F1 Generation - F2C Litters	1173-1177

(

(

(

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

CONTENTS - continued

	Page No
VOLUME III - continued	
APPENDIX 21A : Clinical Observations (Litters Per Symptom) - F2A Pups	1178-1219
APPENDIX 21B : Clinical Observations (Litters Per Symptom) - F2B Pups	1220-1242
APPENDIX 21C : Clinical Observations (Litters Per Symptom) - F2C Pups	1243-1252
APPENDIX 22A: <u>Bodyweights (g) by Litter to Day 29 Post Partum</u> - F2A Pups	1253-1314
APPENDIX 22B: <u>Bodyweights (g) by Litter to Day 5 Post Partum</u> - F2B Pups	1315-1330
APPENDIX 22C: <u>Bodyweights (g) by Litter to Day 5 Post Partum</u> - F2C Pups	1331-1340
APPENDIX 23 : Organ Weights (g) - F1 Generation	1341-1358
APPENDIX 24 : Organ Weights (g) - F2A Pups	1359-1367
VOLUME IV	
APPENDIX 25A: Microscopic Pathology Cross Reference - F1 Generation	1370-1381
APPENDIX 25B: Pathology - F1 Generation	1382-1591
APPENDIX 26A: Pathology - F2A Pups	1592-1948
APPENDIX 26B: Pathology - F2B Pups	1949-2067
APPENDIX 26C: Pathology - F2C Pups	2068-2116
APPENDIX 27 : <u>Corpora Lutea</u> and Implantation Site Counts - F1 Females	2117-2120



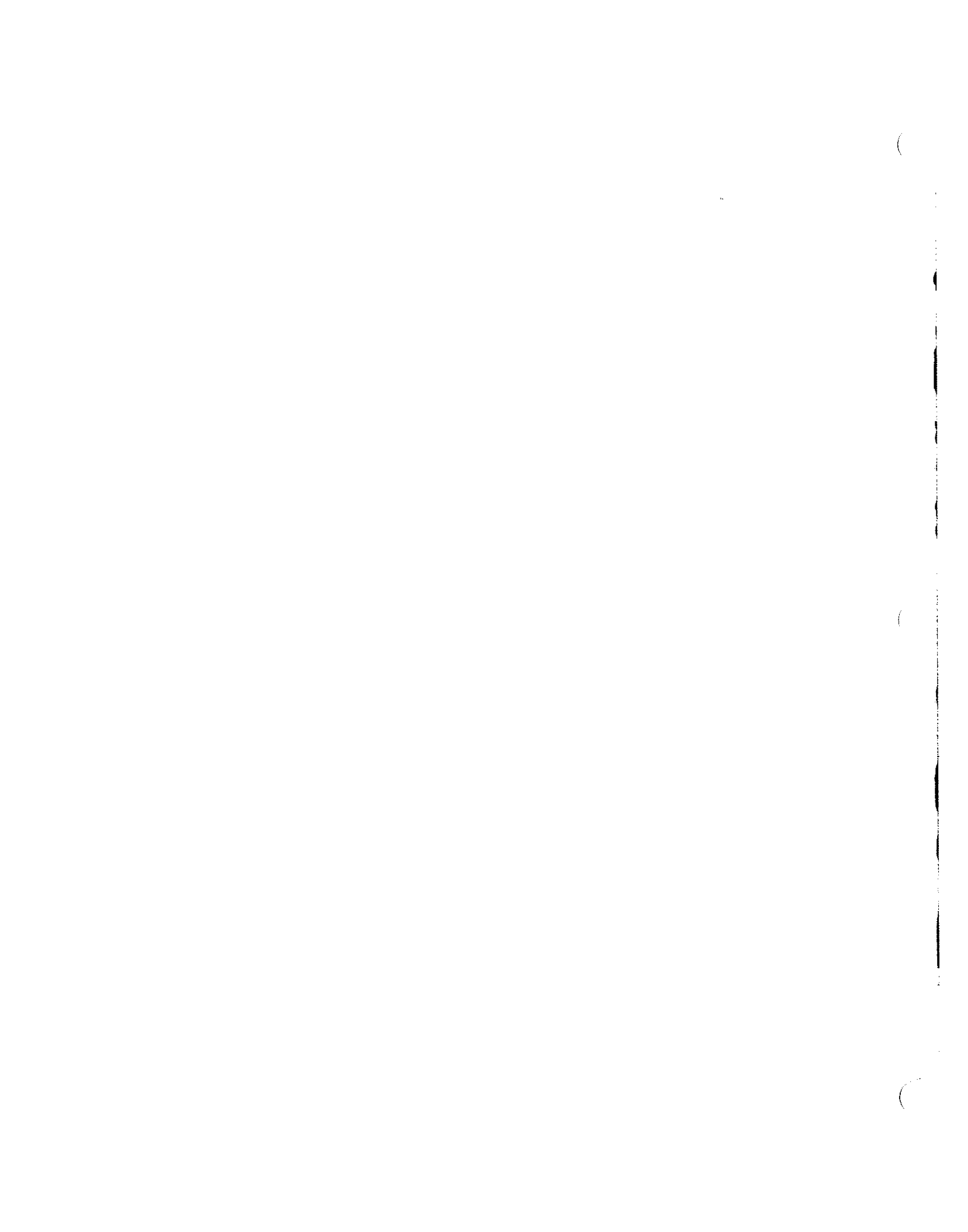
PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

KEY TO PARENT NUMBERS - FO GENERATION

FO ANIMAL NUMBER	BABU PARENTS		FO ANIMAL NUMBER	BABU PARENTS	
	MOTHER	FATHER		MOTHER	FATHER
000001	003146	003008	000041	005128	000077
000002	005020	000091	000042	005087	005001
000003	005013	005009	000043	002136	000020
000004	005133	000088	000044	003051	003002
000005	007113	007014	000045	001104	000101
000006	001104	000101	000046	006085	000134
000007	003051	003002	000047	003015	003012
000008	003075	000165	000048	001083	000120
000009	002122	000016	000049	003146	003008
000010	003015	003012	000050	005020	000091
000011	005128	000077	000051	005013	005009
000012	002060	002003	000052	005133	000088
000013	002136	000020	000053	007113	007014
000014	004110	000074	000054	001104	000101
000015	001052	001005	000055	003051	003002
000016	002061	002004	000056	003075	000165
000017	001083	000120	000057	002122	000016
000018	006085	000134	000058	003015	003012
000019	002110	000011	000059	005128	000077
000020	006114	006011	000060	002060	002003
000021	004033	004023	000061	002136	000020
000022	000119	000010	000062	004110	000074
000023	005078	005022	000063	001052	001005
000024	005054	000087	000064	002061	002004
000025	007105	000030	000065	001083	000120
000026	007113	007004	000066	006085	000134
000027	005054	000087	000067	002110	000011
000028	003075	000165	000068	006114	006011
000029	001086	000121	000069	004033	004023
000030	000119	000010	000070	000119	000010
000031	002060	002003	000071	005078	005022
000032	005122	005007	000072	005054	000087
000033	005020	000091	000073	007105	000030
000034	003146	003008	000074	007113	007004
000035	002110	000011	000075	005054	000087
000036	003097	003019	000076	003075	000165
000037	006124	006014	000077	001086	000121
000038	006114	006011	000078	000119	000010
000039	001051	000122	000079	002060	002003
000040	005133	000088	000080	005122	005007

BABU = Barriered Animal Breeding Unit



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

KEY TO PARENT NUMBERS - FO GENERATION

FO ANIMAL NUMBER	BABU PARENTS		FO ANIMAL NUMBER	BABU PARENTS	
	MOTHER	FATHER		MOTHER	FATHER
000081	005020	000091	000121	007105	000030
000082	003146	003088	000122	007113	007004
000083	002110	000011	000123	005054	000087
000084	003097	003019	000124	003075	000165
000085	006024	006014	000125	001086	000121
000086	006114	006011	000126	000119	000010
000087	001051	000122	000127	002060	002003
000088	005133	000088	000128	005122	005007
000089	005128	000077	000129	005020	000091
000090	005087	005001	000130	003146	003008
000091	002136	000020	000131	002110	000011
000092	003051	003002	000132	003097	003019
000093	001104	000101	000133	006124	006014
000094	006085	000134	000134	006114	006011
000095	003015	003012	000135	001051	000122
000096	001083	000120	000136	005133	000088
000097	003146	003008	000137	005128	000077
000098	005020	000091	000138	005001	005087
000099	005013	005009	000139	002136	000020
000100	005133	000088	000140	003051	003002
000101	007133	007004	000141	001104	000101
000102	001104	000101	000142	006085	000134
000103	003051	003002	000143	003015	003012
000104	003075	000165	000144	001083	000120
000105	002122	000016	000145	003146	003008
000106	003015	003012	000146	005020	000091
000107	005128	000077	000147	005013	005009
000108	002060	002003	000148	005133	000088
000109	002136	000020	000149	007113	007014
000110	004110	000074	000150	002104	002003
000111	001052	001005	000151	003051	003002
000112	002061	002004	000152	003075	000165
000113	001083	000120	000153	002122	000016
000114	006085	000134	000154	003015	003012
000115	002110	000011	000155	005128	000077
000116	006114	006011	000156	002060	002003
000117	004033	004023	000157	002136	000020
000118	000119	000010	000158	004110	000074
000119	005078	005022	000159	001052	001005
000120	005054	000087	000160	002061	002004

BABU = Barriered Animal Breeding Unit

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

KEY TO PARENT NUMBERS - FO GENERATION

FO ANIMAL NUMBER	BABU PARENTS	
	MOTHER	FATHER
000161	001083	000120
000162	006085	000134
000163	002110	000011
000164	006114	006011
000165	004033	004023
000166	000119	000010
000167	005078	005022
000168	005054	000087
000169	007105	000030
000170	007113	007004
000171	005054	000087
000172	003075	000165
000173	001086	000121
000174	000119	000010
000175	002060	002003
000176	005122	005007
000177	005020	000091
000178	003146	003008
000179	002110	000011
000180	003097	003019
000181	006124	006014
000182	006114	006011
000183	001051	000122
000184	005133	000088
000185	005128	000077
000186	005087	005001
000187	002136	000020
000188	003051	003002
000189	001104	000101
000190	006085	000134
000191	003015	003012
000192	001083	000120

BABU = Barriered Animal Breeding Unit

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

Key:

X = present

N = no abnormalities detected/observation no longer present

S = slight

R = right

L = left

* = denotes permanent clinical observation

I = increased breathing depth

M = moderate

B = both

PARTUR/N = parturition

INCONTIN = incontinence

Where more than one severity is recorded for a particular week, the most severe category is presented.

Following the pre-mating period, ie after week 11, the clinical observations were recorded only for those weeks in which the animals were weighed (the occasions depending on the occurrence of gestation and lactation).

Where the only record was that of No Abnormalities Detected an individual record for the animal is not presented. The record of Killed Termination for all relevant animals is listed at the end of this Appendix.

The findings do not include the observations during exposure.



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0 ppm	ANIMAL NO:	1																								
	MALE																									
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
STAINS AROUND NOSE												X	N													

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0 ppm	ANIMAL NO:	4																							
	MALE																								
CONDITION			1	2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	
TAIL DAMAGED								X	X	X	*	*	*	*	*	*	*	*	*	*	*	0	1	2	3

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0 ppm	ANIMAL NO:	18	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	MALE																								
	CONDITION																								
	KILLED IN EXTREMIS																								
	CHROMODACRYORRHEA																								
	SEE FREE TEXT																								
	MALOCCLUSION																								
	TEETH TRIMMED																								
	SNUFFLES																								
	COMMENTS: WEEK																								

14, SNOUT AND TOP INCISORS TWISTED TO ONE SIDE.HOLE IN ROOF OF MOUTH.

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

	0 ppm	ANIMAL NO:	23	WEEK NUMBERS																						
		MALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																										
TAIL DAMAGED													X	*	*	*	*	*	*	*	*	*	*			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0	ANIMAL NO:	31																							
ppm	FEMALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
PALE																			X	N					

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0 ppm	ANIMAL NO:	34	WEEK NUMBERS																						
			FEMALE																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED								X	X	X	X	X	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

0 ppm	ANIMAL NO:	35	WEEK NUMBERS																						
			FEMALE																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED											X	X	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0 ppm	ANIMAL NO:	43																								
	FEMALE		WEEK NUMBERS																							
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
PILOERECTION																										S

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

0 ppm	ANIMAL NO:	44																							
	FEMALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
EYE BULGING																		L	L	L	L	L	L		

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

0 ppm	ANIMAL NO:	48																							
	FEMALE																								
CONDITION			1	2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	
TAIL DAMAGED												*	*	*	*	*	*	*	*	*	*				

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

100 ppm	ANIMAL NO:	50	WEEK NUMBERS																						
CONDITION	MALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED											*	*	*	*	*	*	*	*	*	*	*				

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

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

100 ppm	ANIMAL NO:	52	WEEK NUMBERS																								
			MALE										WEEK NUMBERS														
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
MALOCCLUSION												X	X	X	X	X	X	X	X	X	X						
TEETH TRIMMED																X	X	X	X	X	X						

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

100 ppm	ANIMAL NO:	61																							
	MALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED												X	*	*	*	*	*	*	*	*	*				

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

100 ppm	ANIMAL NO: MALE	63	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
CHROMODACRYORRHEA									L	L	L	L	N												
MALOCCLUSION								X	X	N															
TEETH TRIMED								X	X	N					X	X	X	X	X	X					
ONE UPPER INCISOR BROKEN																X	X	X	X						
ONE UPPER INCISOR MISSING								X	X	X	X	X	X	X	X	X	X	X	X	X					

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

100 ppm	ANIMAL NO:	64	WEEK NUMBERS																						
	MALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION												1	1	1	1	1	1	1	1	1	1	2	2	2	2
TAIL DAMAGED												X	*	*	*	*	*	*	*	*	*				

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

100 ppm	ANIMAL NO:	73	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION	FEMALE																								
KILLED DIFFICULT PARTUR/N																									
PILOERECTION																									

CTL/P/4097 - 269

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

100 ppm	ANIMAL NO: FEMALE	85	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
CHROMODACRYORRHEA											R	N													
TEETH TRIMMED											X	X	X		X	N					X			X	N
UPPER INCISORS BROKEN														X	X	X	X	X	X	X	X	X	X	X	N

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

100 ppm	ANIMAL NO:	88																							
	FEMALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
VAGINAL BLEEDING																					X	N			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

300 ppm	ANIMAL NO:	108																							
	MALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SCABS 1 OR MORE AREAS													S	S	N										

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO:	109																							
	MALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED														X	X	N						X			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO: 113																								
	MALE	WEEK NUMBERS																							
CONDITION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
SNUFFLES																									X

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO:	115																							
	MALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

300 ppm	ANIMAL NO: MALE	116	WEEK NUMBERS																								
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CONDITION																											
KILLED IN EXTREMIS																											
CHROMODACRYORRHEA																											
DISTENDED ABDOMEN																											
PALE																											
SEE FREE TEXT																											
BREATHING DEPTH																											
SNUFFLES																											
COMMENTS: WEEK																											

8, SNOUT ELONGATED.

8, NOSE APPEARS TO BE BROKEN. LOWER INCISORS HAVE PIERCED UPPER PALATE.

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO: 121	WEEK NUMBERS																						
		FEMALE																						
CONDITION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SIGNS OF URINARY INCONTIN											S	N												
TAIL DAMAGED					X	X	X	X	X	X	N													

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

300 ppm	ANIMAL NO:	124	WEEK NUMBERS																							
	FEMALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
CONDITION																										
HAIR LOSS (GENERAL)											S	S	S	S	N											

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO:	125																							
	FEMALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED												*	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO: FEMALE	142	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
TEETH TRIMMED														X	N			X	X	X			N		
ONE UPPER INCISOR BROKEN														X	X	X	X	X	X						

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

300 ppm	ANIMAL NO:	144	WEEK NUMBERS																							
	FEMALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
CONDITION																										
HAIR LOSS (GENERAL)																										

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

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO:	151	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION	MALE																								
CHROMODACRYORRHEA																									
MALOCCLUSION																									
TEETH TRIMMED																									
UPPER INCISORS MISSING																									

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO:	152	WEEK NUMBERS																						
	MALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
MALOCCLUSION											X	X	X	X	X	X	X	X	X	X	X				
TEETH TRIMMED													X	X	X	X	X	X	X	X					
UPPER INCISORS BROKEN																									X

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO:	153	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	MALE																								
CONDITION																									
TAIL DAMAGED																									

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO:	156																							
	MALE																								
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
URINE COLOURED (SEE TEXT)												X	X	X	N										
COMMENTS: WEEK	11,	URINE COLOURED RED.																							
-----	12,	URINE COLOURED RED.																							
	13,	URINE COLOURED RED.																							

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO: MALE	157	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
LEFT EAR TORN												*	*	*	*	*	*	*	*	*	*				
SALIVATION												S	N	S	S	N	S	S	S						

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO:	162																							
	MALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SALIVATION											S	N		S	N										

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

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO: MALE	163	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
CHROMODACRYORRHEA																									
MALOCCLUSION																									
TEETH TRIMMED																									

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO:	168																							
	MALE		WEEK NUMBERS																						
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SALIVATION											S	N													

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO: FEMALE	170	WEEK NUMBERS																								
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
CONDITION																											
CHROMODACRYORRHEA									R	R	R	R	R	R	R	R	R	R	N								
MALOCCLUSION									X			X	X	X	X	X	X	X	X	X	X				X	X	
TEETH TRIMMED									X	X	N	X	X		X	N											
ONE UPPER INCISOR BROKEN										X	X	X	X	X	X	X	X	X	X	X	X				X	X	

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO:	173	WEEK NUMBERS																							
			FEMALE																							
CONDITION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
TAIL DAMAGED											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO: FEMALE	175	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
KILLED DIFFICULT PARTUR/N																									
COLD																									
HUNCHED																									
PALE																									
PILOERECTION																									
SUBDUED																									
VAGINAL BLEEDING																									

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO:	177	WEEK NUMBERS																						
	FEMALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION												1	1	1	1	1	1	1	1	1	1	2	2	2	2
TAIL DAMAGED												X	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO: FEMALE	179	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
PALE																									
TAIL DAMAGED																									
SCABS 1 OR MORE AREAS																									

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO:	184	WEEK NUMBERS																						
			FEMALE																	CONDITION					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
TAIL DAMAGED					X	X	X	N			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO: FEMALE	188	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
MALOCCLUSION													X	X	X					X	X	N			
TEETH TRIMMED													X												
VAGINAL BLEEDING																					X	N			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - F0 GENERATION

1000 ppm	ANIMAL NO: FEMALE	191	WEEK NUMBERS																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CONDITION																									
SALIVATION										S	N					S									
THIN																		X	X		N				
HAIR LOSS (GENERAL)										S	S	S	S	M	S	N									
MALOCCLUSION														X	X	X	X	X			X	X			
TEETH TRIMMED														X	X	X	X	X			N				

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

1000 ppm	ANIMAL NO:	192	WEEK NUMBERS																							
	FEMALE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
CONDITION																										
PALE																										
PILOERECTION																										

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

APPENDIX 1

CLINICAL OBSERVATIONS - FO GENERATION

LIST OF EXCLUDED CLINICAL OBSERVATIONS AND ANIMAL NUMBERS FOR WHICH THEY OCCUR

CLINOBS ----- KILLED TERMINATION	ANIMALS -----									
	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	19	20	21
	22	23	24	25	26	27	28	29	30	31
	32	33	34	35	36	37	38	39	40	41
	42	43	44	45	46	47	48	49	50	51
	52	53	54	55	56	57	58	59	60	61
	62	63	64	65	66	67	68	69	70	71
	72	74	75	76	77	78	79	80	81	82
	83	84	85	86	87	88	89	90	91	92
	93	94	95	96	97	98	99	100	101	102
	103	104	105	106	107	108	109	110	111	112
	113	114	115	117	118	119	120	121	122	123
	124	125	126	127	128	129	130	131	132	133
	134	135	136	137	138	139	140	141	142	143
	144	145	146	147	148	149	150	151	152	153
	154	155	156	157	158	159	160	161	162	163
	164	165	166	167	168	169	170	171	172	173
	176	177	178	179	180	181	182	183	184	185
	186	187	188	189	190	191	192			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION

Individual bodyweights are shown up to termination in males and up to week 12 in females. Subsequent bodyweights (gestation and lactation) for females are shown in Appendices 5 and 6. Statistical analysis was limited to weeks 1-12 of the pre-mating period.

All males were terminated in week 19, but when this occurred towards the end of week 19, final bodyweights are shown as week 20.

Animal number 162, week 10 - value excluded from statistical analysis as probable keying error.

Key:

(D) = dead

(

(

(

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - FO GENERATION
DOSE: 0 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12	WEEK 13	WEEK 14	WEEK 15	WEEK 16	WEEK 17
MALES																	
1	74.0	113	160	204	256	280	320	340	356	381	389	405	-	-	-	441	-
2	72.2	120	169	219	277	309	348	360	388	400	426	441	-	-	-	505	-
3	84.0	133	183	236	288	323	360	380	409	424	444	464	-	-	-	471	-
4	73.0	123	182	236	287	329	365	390	423	432	457	478	-	-	-	521	-
5	75.0	124	171	203	249	292	315	340	354	380	391	406	-	-	-	466	-
6	72.0	119	165	209	258	306	321	350	380	412	417	433	-	-	-	459	-
7	91.0	145	204	246	298	320	352	375	406	432	443	463	-	-	-	499	-
8	75.0	121	168	209	265	302	332	349	370	382	399	412	-	-	-	463	-
9	82.0	129	176	215	270	297	334	348	373	396	422	430	-	-	-	478	-
10	68.0	110	153	194	246	273	311	325	352	371	394	405	-	-	-	443	-
11	79.0	134	190	236	292	323	351	377	396	407	424	438	-	-	-	490	-
12	79.0	134	182	231	283	322	344	370	392	415	444	456	-	-	-	509	-
13	80.0	126	180	231	284	323	348	363	392	410	430	451	-	-	-	486	-
14	81.0	126	174	213	266	294	328	343	368	392	401	421	-	-	-	452	-
15	87.0	137	193	237	302	336	374	383	406	428	440	448	-	-	-	512	-
16	78.0	119	175	215	270	299	331	355	376	400	422	439	-	-	-	488	-
17	73.0	119	164	216	272	313	347	381	405	426	444	452	-	-	-	505	-
18	71.0	115	166	208	259	299	319	349	362	388	394	412	-	DEAD	-	-	-
19	78.0	124	164	207	251	290	315	325	353	371	391	404	-	-	-	458	-
20	79.0	128	169	219	266	310	331	343	375	392	415	430	-	-	-	465	-
21	65.0	107	151	204	254	289	336	351	371	393	418	441	-	-	-	513	-
22	84.0	132	182	223	276	305	338	353	379	390	413	425	-	-	-	460	-
23	69.0	110	157	205	252	280	315	317	343	360	375	390	-	-	-	450	-
24	91.0	142	192	243	287	321	351	355	386	400	417	428	-	-	-	462	-

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION
DOSE: 0 ppm

ANIMAL NUMBER	WEEK 18	WEEK 19	WEEK 20	WEEK 21
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MALES

1	-	441 (D)		
2	-	538 (D)		
3	-	500 (D)		
4	-	538 (D)		
5	-	506 (D)		
6	-	504 (D)		
7	-	543 (D)		
8	-	524 (D)		
9	-	-	505 (D)	
10	-	-	482 (D)	
11	-	-	527 (D)	
12	-	-	560 (D)	
13	-	-	536 (D)	
14	-	-	486 (D)	
15	-	-	540 (D)	
16	-	-	524 (D)	
17	-	-	532 (D)	
19	-	-	468 (D)	
20	-	-	484 (D)	
21	-	-	562 (D)	
22	-	-	508 (D)	
23	-	-	474 (D)	
24	-	-	501 (D)	

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - FO GENERATION
DOSE: 100 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12	WEEK 13	WEEK 14	WEEK 15	WEEK 16	WEEK 17
MALES																	
49	72.0	124	174	216	279	312	336	374	397	413	428	447	-	-	-	489	-
50	71.0	117	170	211	266	308	337	373	386	411	434	446	-	-	-	486	-
51	86.0	135	188	229	279	310	335	358	372	390	405	426	-	-	-	454	-
52	74.0	122	175	225	282	317	345	366	373	382	405	427	-	-	-	485	-
53	76.0	128	185	231	289	332	354	390	409	430	448	470	-	-	-	495	-
54	69.0	107	159	203	260	293	327	365	370	399	415	435	-	-	-	472	-
55	89.0	142	199	242	289	321	350	377	392	424	436	458	-	-	-	498	-
56	67.0	116	164	209	264	298	324	348	375	385	407	422	-	-	-	466	-
57	89.0	140	189	236	284	318	349	360	393	406	435	437	-	-	-	520	-
58	69.0	114	161	210	270	308	346	367	389	402	431	439	-	-	-	488	-
59	83.0	134	182	225	283	319	347	376	383	400	411	433	-	-	-	460	-
60	79.0	129	180	225	271	314	333	362	378	406	430	440	-	-	-	469	-
61	78.0	124	167	216	263	295	312	332	352	374	384	398	-	-	-	472	-
62	77.0	132	168	206	241	277	281	300	319	342	354	363	-	-	-	432	-
63	79.0	127	172	235	273	339	361	375	400	432	459	481	-	-	-	534	-
64	80.0	134	178	232	269	317	337	371	390	401	413	445	-	-	-	502	-
65	73.0	117	166	216	261	311	333	366	381	404	409	432	-	-	-	473	-
66	69.0	114	158	213	253	299	327	353	371	392	405	433	-	-	-	460	-
67	74.0	121	165	208	260	304	327	359	369	394	412	421	-	-	-	471	-
68	82.0	131	180	233	285	324	356	380	399	419	439	465	-	-	-	489	-
69	68.0	112	162	207	269	300	344	365	390	406	424	438	-	-	-	523	-
70	87.0	141	191	242	297	333	382	409	432	455	471	500	-	-	-	544	-
71	67.0	112	153	206	245	286	315	332	354	356	373	396	-	-	-	448	-
72	89.0	141	186	227	273	300	317	342	362	380	398	417	-	-	-	461	-

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION
DOSE: 100 ppm

ANIMAL NUMBER	WEEK 18	WEEK 19	WEEK 20	WEEK 21
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MALES

49	-	524 (D)		
50	-	522 (D)		
51	-	480 (D)		
52	-	521 (D)		
53	-	536 (D)		
54	-	507 (D)		
55	-	521 (D)		
56	-	498 (D)		
57	-	559 (D)		
58	-	519 (D)		
59	-	-	483 (D)	
60	-	-	518 (D)	
61	-	-	489 (D)	
62	-	-	481 (D)	
63	-	-	572 (D)	
64	-	-	555 (D)	
65	-	-	505 (D)	
66	-	-	511 (D)	
67	-	-	506 (D)	
68	-	-	539 (D)	
69	-	-	565 (D)	
70	-	-	593 (D)	
71	-	-	485 (D)	
72	-	-	503 (D)	

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - FO GENERATION
DOSE: 300 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12	WEEK 13	WEEK 14	WEEK 15	WEEK 16	WEEK 17
MALES																	
97	74.0	125	167	216	265	303	327	375	384	406	432	448	-	-	-	494	-
98	76.0	124	178	237	294	338	372	410	422	451	474	482	-	-	-	527	-
99	79.0	130	181	232	283	326	347	385	401	434	465	469	-	-	-	499	-
100	76.0	128	181	238	294	340	364	393	416	427	446	470	-	-	-	511	-
101	78.0	127	172	225	276	315	346	380	398	421	444	466	-	-	-	498	-
102	66.0	105	155	208	252	298	327	362	377	406	424	447	-	-	-	466	-
103	85.0	131	187	240	296	344	370	397	430	446	469	484	-	-	-	513	-
104	66.0	109	156	207	260	296	327	357	383	405	424	441	-	-	-	458	-
105	86.0	125	176	231	274	313	336	365	381	417	426	445	-	-	-	487	-
106	68.0	110	162	207	252	297	320	340	374	400	407	422	-	-	-	465	-
107	82.0	129	187	223	266	304	314	342	355	369	389	408	-	-	-	474	-
108	76.0	124	178	221	268	302	315	348	365	395	399	415	-	-	-	486	-
109	76.0	121	172	208	259	304	333	360	379	408	421	449	-	-	-	498	-
110	87.0	140	196	243	299	344	370	402	422	436	458	474	-	-	-	579	-
111	92.0	157	214	269	329	381	418	438	461	501	510	534	-	-	-	579	-
112	74.0	123	167	218	258	291	302	319	343	357	370	392	-	-	-	447	-
113	75.0	120	169	200	265	316	350	377	400	431	458	482	-	-	-	522	-
114	71.0	113	167	208	252	302	330	360	376	397	422	432	-	-	-	479	-
115	72.0	115	157	200	253	292	314	345	346	362	378	399	-	-	-	475	-
116	75.0	117	160	207	246	291	303	330	DEAD								
117	72.0	119	173	225	281	316	365	400	402	430	445	468	-	-	-	540	-
118	82.0	132	186	225	289	321	359	390	405	424	446	470	-	-	-	497	-
119	69.0	109	161	203	250	287	322	349	361	389	405	431	-	-	-	437	-
120	85.0	137	191	231	280	311	350	371	385	408	422	443	-	-	-	452	-

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION
DOSE: 300 ppm

ANIMAL NUMBER	WEEK 18	WEEK 19	WEEK 20	WEEK 21
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MALES

97	-	518 (D)		
98	-	586 (D)		
99	-	532 (D)		
100	-	535 (D)		
101	-	514 (D)		
102	-	514 (D)		
103	-	535 (D)		
104	-	492 (D)		
105	-	530 (D)		
106	-	499 (D)		
107	-	494 (D)		
108	-	509 (D)		
109	-	-	512 (D)	
110	-	-	523 (D)	
111	-	-	627 (D)	
112	-	-	506 (D)	
113	-	-	588 (D)	
114	-	-	530 (D)	
115	-	-	506 (D)	
117	-	-	570 (D)	
118	-	-	542 (D)	
119	-	-	473 (D)	
120	-	-	483 (D)	

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION
DOSE: 1000 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12	WEEK 13	WEEK 14	WEEK 15	WEEK 16	WEEK 17
MALES																	
145	74.0	116	162	206	259	298	329	352	366	388	406	417	-	-	-	457	-
146	67.0	104	148	192	247	297	327	362	377	402	408	428	-	-	-	492	-
147	92.0	147	196	247	290	340	362	379	408	423	443	456	-	-	-	500	-
148	73.0	124	181	231	289	339	370	390	413	430	447	471	-	-	-	512	-
149	74.0	116	166	207	261	295	327	356	372	397	421	438	-	-	-	483	-
150	65.0	100	149	192	254	292	316	340	352	367	392	413	-	-	-	459	-
151	81.0	120	168	208	259	301	338	360	390	384	413	427	-	-	-	490	-
152	73.0	111	164	205	257	292	334	334	361	380	418	432	-	-	-	482	-
153	82.0	116	168	203	252	291	316	335	356	382	396	410	-	-	-	453	-
154	71.0	108	156	202	257	298	330	358	379	400	416	436	-	-	-	470	-
155	87.0	136	191	239	293	327	359	387	415	443	456	473	-	-	-	528	-
156	76.0	120	167	205	258	287	321	346	366	396	401	415	-	-	-	465	-
157	76.0	112	161	202	249	295	327	357	381	402	416	442	-	-	-	501	-
158	86.0	132	190	231	285	327	353	375	392	411	428	452	-	-	-	504	-
159	79.0	130	187	243	300	338	382	405	440	463	490	512	-	-	-	556	-
160	83.0	122	179	232	288	335	375	402	433	460	489	503	-	-	-	559	-
161	82.0	123	172	226	276	323	362	380	421	440	464	481	-	-	-	547	-
162	74.0	111	160	206	249	291	320	338	357	444	391	405	-	-	-	435	-
163	78.0	120	171	212	256	293	316	335	361	373	388	408	-	-	-	411	-
164	85.0	131	177	225	276	316	349	376	405	422	443	463	-	-	-	517	-
165	68.0	108	161	200	267	314	355	380	396	431	451	474	-	-	-	514	-
166	89.0	130	182	223	278	312	351	374	393	416	423	448	-	-	-	523	-
167	72.0	110	156	202	245	286	313	330	354	368	384	402	-	-	-	428	-
168	92.0	133	189	237	295	329	360	366	400	418	439	453	-	-	-	499	-

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION
DOSE: 1000 ppm

ANIMAL NUMBER	WEEK 18	WEEK 19	WEEK 20	WEEK 21
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MALES

145	-	484 (D)		
146	-	505 (D)		
147	-	520 (D)		
148	-	544 (D)		
149	-	510 (D)		
150	-	484 (D)		
151	-	509 (D)		
152	-	500 (D)		
153	-	488 (D)		
154	-	491 (D)		
155	-	-	556 (D)	
156	-	-	504 (D)	
157	-	-	533 (D)	
158	-	-	550 (D)	
159	-	-	583 (D)	
160	-	-	591 (D)	
161	-	-	577 (D)	
162	-	-	465 (D)	
163	-	-	436 (D)	
164	-	-	542 (D)	
165	-	-	535 (D)	
166	-	-	542 (D)	
167	-	-	442 (D)	
168	-	-	530 (D)	

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - FO GENERATION
DOSE: 0 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
FEMALES												
25	68.0	112	147	171	196	217	241	243	257	263	285	287
26	64.0	98.0	122	140	169	186	202	214	224	232	244	243
27	82.0	120	146	158	179	194	217	218	232	237	247	250
28	70.0	107	144	161	189	202	228	230	249	261	271	276
29	61.0	97.0	133	157	184	201	213	226	246	248	255	255
30	82.0	126	157	178	209	221	243	247	257	264	270	283
31	71.0	116	146	171	195	207	222	240	239	258	254	265
32	83.0	125	149	170	196	212	217	230	231	247	246	259
33	70.0	112	142	163	193	204	229	235	250	261	263	281
34	73.0	105	133	160	189	199	224	229	233	257	250	261
35	79.0	118	136	165	193	199	210	210	226	228	238	235
36	81.0	125	153	180	217	229	240	253	262	263	277	292
37	78.0	117	142	166	192	200	220	225	236	245	251	259
38	79.0	115	140	164	192	198	203	207	223	232	242	250
39	65.0	102	144	166	194	203	228	230	246	254	264	265
40	72.0	119	157	174	203	212	227	242	251	273	271	278
41	72.0	105	129	155	176	201	210	219	220	231	239	244
42	74.0	109	127	153	193	211	222	229	239	247	252	262
43	74.0	115	146	167	187	199	214	222	224	237	238	251
44	84.0	122	157	171	191	215	225	230	242	253	255	256
45	62.0	95.0	131	144	165	184	192	195	204	213	220	224
46	68.0	102	137	162	191	210	222	233	240	246	247	265
47	67.0	106	142	157	186	204	212	226	231	248	244	257
48	72.0	110	144	162	190	202	220	227	236	240	247	261

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - FO GENERATION
DOSE: 100 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
FEMALES												
73	67.0	103	133	159	179	208	206	210	234	234	246	251
74	74.0	112	145	170	195	218	234	244	262	265	272	285
75	76.0	118	149	166	193	212	226	233	246	252	256	257
76	67.0	100	128	147	182	215	211	211	229	224	229	234
77	58.0	98.0	139	161	192	205	228	240	261	262	268	280
78	82.0	126	155	169	193	218	226	246	260	265	267	267
79	74.0	112	144	157	182	204	215	225	231	239	245	245
80	75.0	108	133	155	180	193	200	220	216	233	239	237
81	67.0	105	129	160	184	199	218	232	238	249	255	255
82	77.0	116	141	172	185	215	229	233	242	262	267	262
83	75.0	109	137	150	166	181	182	190	205	211	216	212
84	78.0	121	156	178	219	224	234	248	247	271	265	272
85	78.0	122	144	179	204	224	233	240	251	254	240	261
86	78.0	122	143	175	194	218	231	231	244	255	260	272
87	69.0	113	144	171	192	217	219	241	241	266	257	273
88	63.0	99.0	128	143	163	177	190	214	219	239	233	248
89	76.0	112	141	164	182	186	194	210	213	225	228	234
90	78.0	117	137	160	185	202	213	228	230	240	242	255
91	72.0	112	142	161	187	210	211	228	229	242	245	248
92	85.0	126	159	187	210	242	246	255	261	278	278	286
93	61.0	94.0	124	144	170	182	199	204	211	215	231	233
94	67.0	110	140	158	197	208	224	235	246	248	259	263
95	62.0	98.0	128	147	175	192	199	217	217	234	231	240
96	60.0	96.0	135	153	171	190	192	210	208	229	227	237

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - F0 GENERATION
DOSE: 300 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
FEMALES												
121	67.0	102	129	145	169	190	202	220	214	231	230	245
122	67.0	103	137	158	179	199	207	220	221	241	239	256
123	83.0	127	153	173	192	226	242	233	240	260	257	261
124	65.0	99.0	131	159	174	180	198	212	213	224	226	236
125	61.0	96.0	135	157	179	205	215	228	240	267	270	267
126	80.0	120	161	174	190	219	216	244	243	261	261	268
127	68.0	109	145	166	193	217	221	237	246	259	258	272
128	81.0	128	149	174	187	214	214	222	235	244	248	254
129	68.0	104	138	160	192	204	222	235	235	258	257	263
130	71.0	107	130	152	178	199	214	226	225	240	244	241
131	74.0	118	153	178	200	210	223	235	237	255	254	262
132	77.0	123	157	188	208	230	249	257	266	275	270	280
133	81.0	124	163	176	203	211	227	241	250	254	267	263
134	80.0	120	147	173	196	207	227	230	238	236	252	254
135	64.0	101	137	159	185	200	200	218	223	240	242	247
136	72.0	116	148	175	215	210	210	230	230	250	248	262
137	77.0	114	144	163	188	208	199	216	221	238	239	246
138	76.0	115	146	170	191	212	218	232	235	245	247	256
139	69.0	109	142	153	182	201	211	218	224	236	238	244
140	82.0	127	156	174	201	209	223	235	234	250	254	254
141	62.0	95.0	127	142	158	177	194	200	205	228	222	229
142	63.0	102	139	164	191	213	226	243	254	263	264	279
143	67.0	105	134	161	172	194	200	218	219	233	235	244
144	73.0	110	152	179	207	220	243	247	260	264	282	281

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 2

BODYWEIGHTS (g) - FO GENERATION
DOSE: 1000 ppm

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
FEMALES												
169	63.0	90.0	128	155	185	207	213	230	234	250	255	258
170	69.0	105	137	154	185	205	207	237	227	237	240	263
171	77.0	116	138	158	184	207	203	231	228	239	251	249
172	66.0	98.0	134	156	178	180	196	204	213	218	229	237
173	61.0	94.0	121	152	166	194	198	216	226	243	243	255
174	78.0	111	149	170	199	215	223	238	259	263	269	269
175	69.0	107	142	161	184	208	218	229	236	249	251	262
176	76.0	115	149	172	197	227	234	234	257	281	259	281
177	71.0	106	149	171	201	209	230	240	251	263	261	274
178	73.0	105	137	163	186	200	221	230	232	249	244	256
179	69.0	99.0	124	148	162	182	190	202	204	226	218	222
180	77.0	116	141	166	203	212	231	220	239	266	249	267
181	80.0	127	158	183	200	211	210	232	240	270	275	275
182	77.0	115	142	179	203	226	238	255	257	279	276	292
183	66.0	97.0	128	150	177	196	202	219	228	233	248	253
184	69.0	103	135	163	178	202	208	218	234	246	248	254
185	81.0	120	150	174	201	226	230	240	251	264	266	275
186	76.0	108	136	157	174	206	210	212	232	235	242	247
187	77.0	116	151	178	198	224	229	240	257	261	269	265
188	85.0	133	152	179	192	213	218	224	253	247	259	262
189	61.0	93.0	127	147	173	185	202	197	215	230	224	230
190	71.0	110	147	172	204	216	227	246	252	267	269	278
191	65.0	96.0	126	158	176	203	214	217	229	241	237	248
192	62.0	89.0	126	144	169	178	194	207	219	229	239	239

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/rat/day) DURING THE
PRE-MATING PERIOD - FO GENERATION

The individual animal numbers present in each cage are shown overleaf.

Cage 45, week 1 - Value excluded from statistical analysis - missing data.

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/rat/day) DURING THE

PRE-MATING PERIOD - FO GENERATION

GROUP	CAGE	SEX	START-DATE	ANIMAL NUMBERS	
1	0001	M	4/05/92	1	2
	0002	M	4/05/92	3	4
	0003	F	4/05/92	25	26
	0004	F	4/05/92	27	28
	0005	M	4/05/92	5	6
	0006	M	4/05/92	7	8
	0007	F	4/05/92	29	30
	0008	F	4/05/92	31	32
	0009	M	4/05/92	9	10
	0010	M	4/05/92	11	12
	0011	F	4/05/92	33	34
	0012	F	4/05/92	35	36
	0013	M	4/05/92	13	14
	0014	M	4/05/92	15	16
	0015	F	4/05/92	37	38
	0016	F	4/05/92	39	40
	0017	M	4/05/92	17	18
	0018	M	4/05/92	19	20
	0019	F	4/05/92	41	42
	0020	F	4/05/92	43	44
	0021	M	4/05/92	21	22
	0022	M	4/05/92	23	24
	0023	F	4/05/92	45	46
	0024	F	4/05/92	47	48
2	0025	M	4/05/92	49	50
	0026	M	4/05/92	51	52
	0027	F	4/05/92	73	74
	0028	F	4/05/92	75	76
	0029	M	4/05/92	53	54
	0030	M	4/05/92	55	56
	0031	F	4/05/92	77	78
	0032	F	4/05/92	79	80
	0033	M	4/05/92	57	58
	0034	M	4/05/92	59	60
	0035	F	4/05/92	81	82
	0036	F	4/05/92	83	84
	0037	M	4/05/92	61	62
	0038	M	4/05/92	63	64
	0039	F	4/05/92	85	86
	0040	F	4/05/92	87	88
	0041	M	4/05/92	65	66
	0042	M	4/05/92	67	68

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

APPENDIX 3

FOOD CONSUMPTION (g/rat/day) DURING THE
PRE-MATING PERIOD - FO GENERATION

GROUP	CAGE	SEX	START-DATE	ANIMAL NUMBERS		
2	0043	F	4/05/92	89	90	
	0044	F	4/05/92	91	92	
	0045	M	4/05/92	69	70	
	0046	M	4/05/92	71	72	
	0047	F	4/05/92	93	94	
	0048	F	4/05/92	95	96	
	3	0049	M	4/05/92	97	98
		0050	M	4/05/92	99	100
0051		F	4/05/92	121	122	
0052		F	4/05/92	123	124	
0053		M	4/05/92	101	102	
0054		M	4/05/92	103	104	
0055		F	4/05/92	125	126	
0056		F	4/05/92	127	128	
0057		M	4/05/92	105	106	
0058		M	4/05/92	107	108	
0059		F	4/05/92	129	130	
0060		F	4/05/92	131	132	
0061		M	4/05/92	109	110	
0062		M	4/05/92	111	112	
0063		F	4/05/92	133	134	
0064		F	4/05/92	135	136	
0065		M	4/05/92	113	114	
0066		M	4/05/92	115	116	
0067		F	4/05/92	137	138	
0068		F	4/05/92	139	140	
0069		M	4/05/92	117	118	
0070		M	4/05/92	119	120	
0071		F	4/05/92	141	142	
0072		F	4/05/92	143	144	
4	0073	M	4/05/92	145	146	
	0074	M	4/05/92	147	148	
	0075	F	4/05/92	169	170	
	0076	F	4/05/92	171	172	
	0077	M	4/05/92	149	150	
	0078	M	4/05/92	151	152	
	0079	F	4/05/92	173	174	
	0080	F	4/05/92	175	176	
	0081	M	4/05/92	153	154	
	0082	M	4/05/92	155	156	
	0083	F	4/05/92	177	178	

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

APPENDIX 3

FOOD CONSUMPTION (g/rat/day) DURING THE
PRE-MATING PERIOD - FO GENERATION

GROUP	CAGE	SEX	START-DATE	ANIMAL NUMBERS	
4	0084	F	4/05/92	179	180
	0085	M	4/05/92	157	158
	0086	M	4/05/92	159	160
	0087	F	4/05/92	181	182
	0088	F	4/05/92	183	184
	0089	M	4/05/92	161	162
	0090	M	4/05/92	163	164
	0091	F	4/05/92	185	186
	0092	F	4/05/92	187	188
	0093	M	4/05/92	165	166
	0094	M	4/05/92	167	168
	0095	F	4/05/92	189	190
	0096	F	4/05/92	191	192

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - F0 GENERATION

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (MALES)

DOSE: 0 ppm

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
1	19	23	27	31	31	33	32	31	31	30	30
2	20	26	28	32	33	33	33	33	32	32	32
5	19	23	25	27	29	28	31	30	32	30	29
6	20	25	27	31	32	31	32	30	30	29	30
9	17	23	24	28	27	29	27	28	30	29	28
10	20	26	28	33	32	32	33	31	31	32	29
13	19	24	27	30	31	30	30	29	30	30	29
14	20	24	27	31	30	32	32	29	31	30	29
17	17	22	26	30	31	31	33	32	32	31	30
18	18	23	26	28	30	30	30	30	29	30	28
21	18	24	26	30	30	32	30	29	29	30	29
22	19	25	26	30	30	32	28	29	28	29	29

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - FO GENERATION

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (MALES) DOSE: 100 ppm

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
25	19	24	27	31	32	32	34	33	33	33	34
26	19	26	30	32	33	32	33	29	29	29	31
29	18	24	27	30	31	31	34	30	32	31	31
30	19	25	27	31	30	32	31	31	30	30	31
33	19	25	27	32	31	32	31	33	31	33	31
34	19	25	28	31	33	31	33	30	31	30	30
37	20	24	26	27	29	25	27	26	28	27	26
38	18	26	33	35	39	31	29	29	30	31	32
41	17	22	26	28	31	30	32	30	32	29	32
42	19	24	26	30	31	31	31	30	31	32	32
45	3.2	25	28	32	33	36	36	35	36	34	37
46	20	23	26	28	29	29	29	29	29	28	29

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - F0 GENERATION

DOSE: 300 ppm

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (MALES)

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
49	20	24	28	32	34	35	38	34	35	36	34
50	19	26	30	33	34	33	36	33	34	34	34
53	17	22	26	30	31	31	33	31	32	30	31
54	19	24	27	30	31	32	32	31	31	31	31
57	16	22	27	28	30	30	31	31	33	32	33
58	18	24	27	28	31	28	32	29	32	30	30
61	19	26	28	31	32	32	33	32	32	33	33
62	20	25	29	33	32	35	32	31	34	32	33
66	17	21	25	27	29	29	30	23	26	31	27
69	20	26	29	34	33	34	34	31	36	30	32
70	18	24	26	29	29	31	31	30	30	28	31
65	17	24	27	30	32	32	33	32	32	32	33

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - F0 GENERATION

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (MALES) DOSE: 1000 ppm

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
73	15	21	24	29	32	33	33	31	32	31	30
74	19	28	35	40	37	36	35	34	34	35	34
77	15	22	25	30	30	30	33	32	33	34	33
78	16	22	25	29	30	33	30	31	31	31	31
81	16	22	25	29	31	31	32	31	33	34	33
82	19	25	27	31	32	34	36	34	35	34	32
85	17	24	25	30	32	31	33	32	33	32	33
86	20	26	31	34	36	37	38	37	40	39	37
89	16	23	29	31	34	34	35	35	35	35	35
90	18	24	26	30	32	34	35	34	35	32	33
93	17	24	21	31	32	34	34	31	34	32	32
94	18	24	27	31	31	33	31	32	31	31	31

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - F0 GENERATION

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (FEMALES)

DOSE: 0 ppm

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
3	16	18	22	23	22	24	24	23	22	23	21
4	17	21	21	21	21	22	23	23	23	22	21
7	17	21	21	23	22	22	23	22	21	22	20
8	19	21	21	24	22	22	23	20	23	21	22
11	17	21	20	23	22	24	23	23	24	22	22
12	18	19	21	24	21	23	22	21	21	21	20
15	18	20	22	22	22	21	22	22	22	23	21
16	20	23	22	26	24	25	26	26	26	24	24
19	18	19	21	23	24	23	24	22	22	22	22
20	19	29	25	29	25	26	24	22	23	22	21
23	16	21	20	23	23	23	22	22	21	21	21
24	18	21	21	21	21	22	22	21	21	20	21

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - FO GENERATION

DOSE: 100 ppm

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (FEMALES)

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
27	17	21	28	25	31	28	26	26	25	24	23
28	16	21	20	22	24	23	22	22	21	21	20
31	19	22	20	23	23	24	25	23	24	22	22
32	18	20	21	22	22	22	24	22	23	23	21
35	17	19	21	24	22	23	24	24	25	22	21
36	17	20	20	23	21	22	22	22	22	21	19
39	20	20	24	24	23	23	23	22	22	18	23
40	19	20	21	21	22	23	25	22	25	22	23
43	17	19	20	21	24	21	23	21	21	21	20
44	18	21	23	25	29	25	30	24	28	24	24
47	16	19	20	22	23	23	23	22	21	21	20
48	15	18	19	21	21	21	22	20	22	20	21

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - FO GENERATION

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (FEMALES) DOSE: 300 ppm

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
51	15	18	19	20	21	23	24	27	25	23	25
52	18	21	20	21	23	22	25	23	26	23	24
55	16	21	22	24	23	22	24	23	24	23	22
56	19	20	22	22	22	22	23	22	22	21	21
59	16	20	20	22	22	24	24	23	25	24	23
60	18	21	23	24	24	25	26	25	28	25	26
63	19	21	22	22	23	23	23	23	22	23	21
64	16	20	19	24	22	20	24	22	24	23	23
67	18	20	22	23	24	22	23	24	23	25	24
68	18	20	21	23	22	24	24	23	23	24	23
71	16	19	20	21	23	22	23	24	24	21	24
72	18	21	22	24	23	23	24	23	23	25	23

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 3

FOOD CONSUMPTION (g/RAT/DAY) DURING THE PRE-MATING PERIOD - F0 GENERATION

ANIMALS/CAGE PRE-EXPERIMENTALLY = 2 (FEMALES) DOSE: 1000 ppm

CAGE NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
75	15	20	23	27	31	29	31	28	29	23	23
76	16	21	21	26	23	21	24	21	23	23	22
79	16	20	21	26	24	23	24	25	26	24	24
80	17	20	20	24	26	25	23	23	28	24	22
83	17	21	23	24	24	24	25	25	25	25	24
84	16	19	20	23	24	24	23	23	26	25	22
87	18	21	23	23	23	23	27	24	29	28	25
88	14	19	21	23	22	23	24	22	26	23	22
91	17	20	20	23	24	23	23	24	23	23	23
92	19	21	22	24	25	26	26	29	27	29	24
95	16	22	29	27	24	24	24	25	25	26	23
96	14	18	20	22	22	23	25	26	24	23	23

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

Day 1 is the first day of smearing ie the day following the initial pairing of the animals.

Key:

E = epithelial cells

C = cornified cells

L = leucocytes

+ = positive smear) These symbols appear as

B = blood seen) subscripts in the data

P = plug seen)

All cell types are presented and ranked in order of numbers seen on the slide. Cells present in similar proportions are shown consecutively eg CE, cells in varying proportions are presented with the most frequent cell type followed by the next most frequent etc. eg C/E/L.



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL:		0 ppm																			
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
-----	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
25	C	C																			
		+																			
26	C	C	EL	E/C	C																
				+																	
27	LC	EC	EC	C	C	C	C	C/LE													
								+													
28	LC	E	C	C																	
				+																	
29	LC																				
	+																				
30	L	C	C	C	C	C/L															
						+															
31	L	C	E	C/E	C/L	C/LE	CLE	EC	CE	CL	C	C									
												+									
32	C																				
	+																				
33	L	C																			
		+																			
34	LC	C																			
		+																			
35	C																				
	+																				
36	LE	EL	C	C																	
				+																	
37	LE	C	E/L	C	C																
					+																
38	LE	EL	C																		
			+/P																		
39	L																				
	+																				
40	LE	LE	C/E	C	C																
				+																	
41	C	LC	E	CLE	CLE	CLE	LE/C	EL/C	LEC	LE/C	C/L	LE	EL/C	L							B
42	LE	LE	L/E	C	CL	LE/C	LE/C	EL/C	CLE	CL	C										
											+										
43	C	C	C	C	C	CE															
						+															

CTL/P/4097 - 329

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL:		0 ppm																			
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	
-----	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
44	C	LE	L/E	CLE	EL/C	LE	LE	LE/C	LCE	CLE	LE/C	C/LE	C								
45	C	C	C	C									+								
46	LE	LE	C	C	C	C	CLE	CLE													
47	LE	EC	C																		
48	C		+																		

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL:		0 ppm																			
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
-----	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
	25																				
	26																				
	27						C/L	C		CL		L/E	C/L								
	28																				
	29																				
	30																				
	31																				
	32																				
	33																				
	34																				
	35	L/C	CL																		
	36		+																		
	37	C	CE	C																	
	38			+																	
	39	CE/L	C																		
	40		+																		
	41	CLE	CE	C																	
	42			+																	
	43																				

CTL/P/4097 - 331

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL:		0		ppm																	
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
-----	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
44																					
45								C	C												
46									+												
47																					
48																					

CTL/P/4097 - 332

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL: 100 ppm																					
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	
-----	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
73	CE	C	E/C	C	C	CE	CLE	C													
74	C	CE	E/L	CLE	CLE	C/LE	L/EC	C/LE	CL	C/LE	CE	LE/C	EL/C	LE	CE	C/E					
75	C																				
	+																				
76	C	C																			
	+																				
77	LE	EC	C	C	C	C/E															
						+															
78	LE	LC																			
		+																			
79	L	L	C/E	C																	
				+																	
80	C																				
	+																				
81	C																				
	+																				
82	LE	L	E/L	C																	
				+																	
83	C																				
	+																				
84	C																				
	+																				
85	LEC																				
	+																				
86	LE	EC	C																		
			+P																		
87	C	C	E/L	C	CE	C															
						+															
88	C																				
	+																				
89	LEC	C																			
		+																			
90	C																				
	+																				
91	LEC	C	E	CL	LE	LE/C	CL	LE/C	LE/C	LE/C	EL/C	LE	CE	LE/C							
																					B

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - F0 GENERATION

DOSE LEVEL:		100 ppm																			
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
-----	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
92	C	EC	C	C	C/L +																
93	LE	LE	C +																		
94	C	C +																			
95	EL	EC	C +																		
96	LEC	C	C +	C	C	C +															

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL: 100 ppm

ANIMAL	DAY 22	DAY 23	DAY 24	DAY 25	DAY 26	DAY 27	DAY 28	DAY 29	DAY 30	DAY 31	DAY 32	DAY 33	DAY 34	DAY 35	DAY 36	DAY 37	DAY 38	DAY 39	DAY 40	DAY 41	DAY 42
73																					
74																					
75	CL																				
	+																				
76																					
77																					
78	C																				
	+																				
79																					
80	CL/E																				
	+																				
81																					
82																					
83																					
84																					
85	CE	C																			
		+																			
86																					
87																					
88																					
89	C	C																			
		+																			
90																					
91	CLE	C																			
		+																			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL:		100		ppm																	
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	
-----	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
92	CLE	CLE	CE/L	C																	
				+																	
93																					
94																					
95																					
96																					

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL: 300 ppm		DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
ANIMAL	DAY																					
-----	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
121	C	C	C	CE	C	C/LE +																
122	LEC	C +																				
123	EC	EC	C	C/E	CE	C/LE	EL	C/LE +														
124	C	C +																				
125	LE	C	LEC	C	C	C +																
126	C	C +																				
127	CE	CE	C	C	CE	C +																
128	C	C	C/E	C/E	CE	C/E +																
129	C +																					
130	LE	LC +																				
131	C	LE	E/C	C	LEC	C/E	L/EC +															
132	C +																					
133	EC +																					
134	EC +	LC +																				
135	C +																					
136	C +																					
137	C +	C	C +																			
138	C +																					
139	C +																					

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - F0 GENERATION

DOSE LEVEL:		300 ppm																			
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
-----	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
140		C																			
		+																			
141	CE	EC	C	C																	
				+																	
142	C																				
	+																				
143	CLE	LEC	C																		
			+																		
144	C																				
	+																				

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - F0 GENERATION

DOSE LEVEL: 300 ppm

ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	
-----	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
121	C/L																				
	+																				
122			C																		
			+																		
123																					
124			C																		
			+																		
125																					
126																					
127							C/L														
							+														
128																					
129																					
130																					
131																					
132	CL																				
	+																				
133	CLE	CL	C																		
			+																		
134																					
135																					
136																					
137																					
138	C																				
	+																				
139																					

CTL/P/4097 - 339

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

	DOSE LEVEL:		300		ppm																	
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	
-----	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
140	CL																					
	+																					
141					CLE	CE	C	C														
								+														
142	L/C																					
	+																					
143																						
144																						

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL: 1000 ppm																					
ANIMAL	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21
169	C	C	C	C	C																
170	CL	C	C	C	C																
171	CLE	LC																			
172	C																				
173	CLE	C	C																		
174	CL																				
175	CE	C																			
176	CE																				
177	C																				
178	C																				
179	C																				
180	CE	C																			
181	C	C																			
182	C	C	C																		
183	C	C																			
184	CL																				
185	C																				
186	C																				
187	LC																				

CTL/P/4097 - 341

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL: 1000 ppm

ANIMAL	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21	
188	C																					
	+																					
189	CL	LE	C																			
			+																			
190	CLE	C	C																			
			+																			
191	C	C																				
		+																				
192	C	C																				
		+																				

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - FO GENERATION

DOSE LEVEL: 1000 ppm																					
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
-----	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
169																					
170						C															
171	CLE	C				+															
172																					
173																					
174																					
175																					
176	C/L/E	C																			
177																					
178	CLE	C																			
179																					
180																					
181																					
182																					
183																					
184																					
185																					
186																					
187	C/LE	C																			

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 4

VAGINAL SMEAR DATA - F0 GENERATION

DOSE LEVEL:		1000		ppm																		
ANIMAL	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY		
188	C/LE	LEC	LE/C	C	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
189				+																		
190							L/C	L/C	C/L	L/C	LE						EL/C					
191																						
192																						

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 5

BODYWEIGHTS (g) DURING GESTATION - FO GENERATION

Key:

- Missing record

Unlisted animals either showed no positive smear or failed to litter.

Female 191, day 15 - value excluded from statistical analysis as probable keying error.

Females 73, 174 and 175 were killed due to difficult parturition but bodyweights during gestation are shown only for 175 since a date of birth was recorded for this female. Bodyweights for females killed due to difficult parturition were however excluded from statistical analysis.

Day 22 bodyweights for females 134 and 183 are Day 1 lactation bodyweights and were excluded from statistical analysis.



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 5

[BODYWEIGHTS (g) DURING GESTATION - FO GENERATION]
DOSE: 0 ppm

✓

ANIMAL DAY DAY DAY DAY
NUMBER 1 8 15 22

FEMALES

25	271	291	324	383
26	252	274	294	353
28	271	289	318	377
29	252	277	304	330
30	275	310	343	375
31	282	304	330	371
32	249	268	294	362
33	274	294	331	405
34	255	281	309	378
35	255	275	313	378
36	293	310	352	401
37	285	300	328	385
38	248	274	301	356
39	292	312	349	417
40	270	299	336	365
41	276	302	324	382
42	283	306	329	403
43	252	280	315	385
44	274	298	323	387
45	252	264	287	356
46	268	293	327	400
47	249	284	312	373
48	251	272	297	344

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 5

BODYWEIGHTS (g) DURING GESTATION - FO GENERATION
DOSE: 100 ppm

ANIMAL DAY DAY DAY DAY
NUMBER 1 8 15 22

FEMALES

74	303	323	357	-
76	235	275	301	400
77	284	305	320	368
78	286	316	340	402
79	248	275	303	378
81	254	283	322	387
82	272	304	334	402
83	211	238	259	327
84	265	310	342	419
85	265	257	314	361
86	262	293	316	377
87	288	310	332	401
88	245	277	307	345
89	256	276	308	373
90	247	270	292	315
91	263	291	317	379
92	300	329	357	433
93	238	260	282	350
94	273	296	335	400
95	238	268	303	368
96	245	264	285	323

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 5

BODYWEIGHTS (g) DURING GESTATION - F0 GENERATION
DOSE: 300 ppm

WAA

ANIMAL NUMBER	DAY 1	DAY 8	DAY 15	DAY 22
------------------	----------	----------	-----------	-----------

FEMALES

122	279	301	323	373
123	292	305	347	422
124	265	291	318	375
125	291	313	344	417
126	267	296	321	362
128	256	276	298	327
129	256	292	319	361
130	249	285	304	335
131	276	305	334	398
133	284	284	328	388
134	265	287	314	308
135	241	273	294	343
136	254	290	315	378
137	256	283	317	386
138	275	298	321	388
139	243	274	308	368
141	261	289	311	-
143	254	279	309	385
144	286	320	342	416

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

APPENDIX 5

[BODYWEIGHTS (g) DURING GESTATION - FO GENERATION
DOSE: 1000 ppm] ✓

ANIMAL NUMBER	DAY 1	DAY 8	DAY 15	DAY 22
------------------	----------	----------	-----------	-----------

FEMALES

169	262	294	325	396
170	301	338	356	428
171	271	300	332	408
172	230	276	305	344
173	260	292	321	369
175	261	291	313	385
176	293	314	349	407
177	268	295	322	388
178	275	299	320	389
179	222	257	278	340
180	260	302	336	406
181	272	297	328	387
182	289	303	328	400
183	258	308	337	322
184	259	288	310	384
185	278	306	338	382
186	249	270	292	318
187	300	321	360	436
188	283	307	337	389
189	240	271	295	358
191	257	276	259	314
192	244	273	295	336

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 6

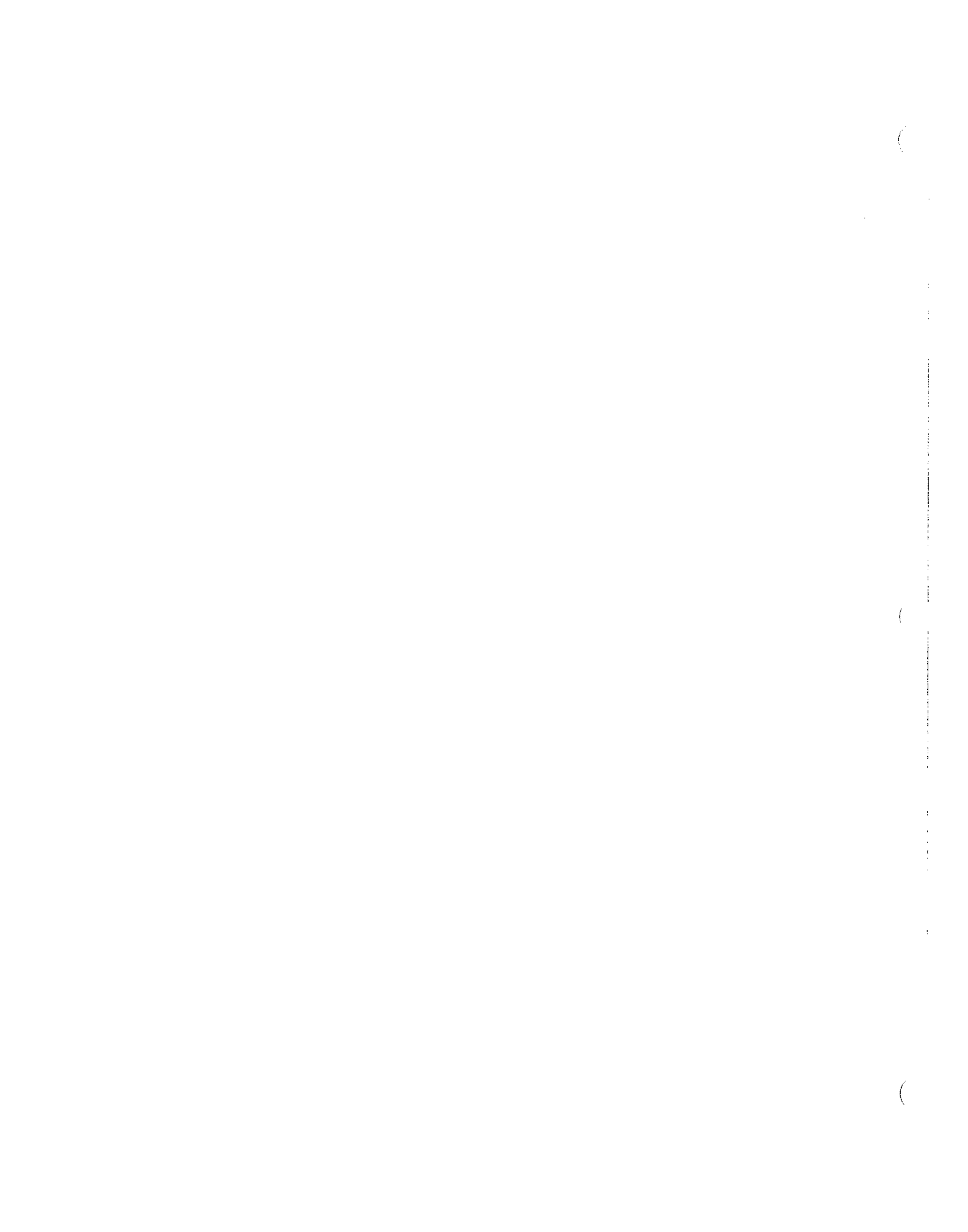
BODYWEIGHTS (g) DURING LACTATION - F0 GENERATION

- Missing record

The following females lost/destroyed their litters in addition to those marked (*): 29, 186.

Female 45, day 5 and female 87, day 16 - values excluded from statistical analysis as probable keying errors.

Female 39 - day 22 value missing - day 23 value used for statistical purposes.



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 6



DAM NUMBER	BODYWEIGHTS (g) DURING LACTATION - FO GENERATION						
	DAY 1	DAY 5	DAY 11	DAY 16	DAY 22	DAY 23	DAY 29
25	295	305	342	353	350	-	336
26	285	304	311	344	342	-	302
27	NO LITTER						
28	310	320	319	327	332	-	319
29	-	-	-	-	-	-	-
30	328	345	339	349	362	-	326
31	304	329	328	335	341	-	314
32	275	304	320	321	337	-	321
33	304	329	356	348	336	-	341
34	309	317	315	326	328	-	311
35	299	307	347	358	347	-	320
36	320	329	347	377	369	-	338
37	301	324	347	359	353	-	338
38	280	302	321	322	345	-	313
39	325	343	357	370	-	357	337
40	320	336	336	337	344	-	321
41	291	314	338	357	361	-	339
42	306	325	346	350	355	-	345
43	290	320	340	345	343	-	321
44	-	331	331	344	342	-	309
45	264	344	-	321	283	-	299
46	313	321	336	354	345	-	330
47	293	309	340	351	334	-	330
48	295	309	315	337	348	-	326

MEAN	300.3	321.2	334.8	344.8	342.7	357.0	324.4
S.D.	16.5	13.6	13.6	15.4	17.1	0.0	13.0
(NO. OF VALUES)	(21)	(22)	(21)	(22)	(21)	(1)	(22)

DAMS WITHOUT LITTERS ARE EXCLUDED FROM THE MEANS

(D) - DEAD

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 6

DAM NUMBER	DAY 1	DAY 5	DAY 11	DAY 16	BODYWEIGHTS (g) DURING LACTATION - FO GENERATION		
					DAY 22	DAY 23	DAY 29
73	NO LITTER						
74	317	346	372	373	375	-	335
75	NO LITTER						
76	277	302	316	330	336	-	298
77	311	320	302	312	330	-	312
78	326	346	365	391	385	-	347
79	285	302	302	329	343	-	297
80	NO LITTER						
81	315	305	323	328	339	-	313
82	-	323	325	361	364	-	323
83	265	276	290	304	317	-	290
84	335	339	357	375	378	-	345
85	267	297	310	-	307	-	291
86	316	322	342	353	356	-	305
87	289	317	335	269	356	-	340
88	281	298	317	328	335	-	318
89	286	294	331	347	346	-	329
90	296	294	304	296	307	-	292
91	295	-	315	343	341	-	303
92	318	332	348	358	355	-	337
93	272	284	310	329	330	-	299
94	316	328	345	352	355	-	342
95	294	304	318	339	338	-	313
96	277	286	297	288	290	-	267

MEAN	296.9	310.8	325.0	335.3	342.0		314.1
S.D.	20.9	20.7	22.9	30.8	24.1		21.9
(NO. OF VALUES)	(20)	(20)	(21)	(20)	(21)		(21)

DAMS WITHOUT LITTERS ARE EXCLUDED FROM THE MEANS

(D) - DEAD

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

APPENDIX 6

DAM NUMBER	DAY 1	DAY 5	DAY 11	DAY 16	BODYWEIGHTS (g) DURING LACTATION - FO GENERATION		
					DAY 22	DAY 23	DAY 29
121	NO LITTER						
122	287	296	324	340	346	-	334
123	317	333	349	357	358	-	336
124	305	310	329	354	351	-	313
125	327	354	369	354	358	-	341
126	325	330	348	359	347	-	335
127	NO LITTER						
128	294	288(*)	-	-	-	-	(D)
129	307	316	326	293	334	-	315
130	297	307	312	315	324	-	303
131	334	318	325	345	371	-	342
132	NO LITTER						
133	326	320	358	366	364	-	349
134	308	320	340	354	349	-	314
135	286	296	325	331	343	-	324
136	315	328	348	358	353	-	344
137	297	299	326	341	330	-	314
138	315	315	345	350	349	-	322
139	287	305	319	323	340	-	322
140	NO LITTER						
141	291	307	330	332	322	-	294
142	NO LITTER						
143	296	311	336	337	335	-	319
144	330	349	363	383	387	-	362

MEAN	307.6	317.4	337.3	344.0	347.8		326.8
S.D.	15.9	16.4	16.0	20.6	16.4		17.3
(NO.OF VALUES)	(19)	(18)	(18)	(18)	(18)		(18)

DAMS WITHOUT LITTERS ARE EXCLUDED FROM THE MEANS

(D) - DEAD

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

L

APPENDIX 6

DAM NUMBER	DAY 1	DAY 5	DAY 11	DAY 16	1000 BODYWEIGHTS (g) DURING LACTATION - F0 GENERATION ppm		
					DAY 22	DAY 23	DAY 29
169	305	317	330	347	338	-	327
170	328	334	371	377	396	-	368
171	322	321	353	358	364	-	360
172	311	307	315	327	334	-	322
173	300	323	331	350	344	-	356
174	NO LITTER						
175	(D)						
176	338	342	365	369	383	-	363
177	313	316	331	341	357	-	340
178	301	324	334	-	346	-	327
179	267	283	305	317	315	-	315
180	322	330	353	379	393	-	373
181	311	320	356	347	357	-	358
182	333	321	350	371	356	-	341
183	322	332	340	341	366	-	360
184	307	310	322	349	342	-	346
185	334	332	342	362	358	-	351
186	295	290	-	-	-	-	-
187	346	339	370	372	389	-	369
188	314	334	356	-	362	-	353
189	274	282	309	327	334	-	309
190	NO LITTER						
191	258	254	280	290	308	-	293
192	288	281(*)					

CTL/P/4097 - 354

MEAN	309.0	315.6	337.5	348.5	354.8		343.7
S.D.	23.2	22.5	24.0	23.7	24.4		22.5
(NO.OF VALUES)	(21)	(20)	(19)	(17)	(19)		(19)

DAMS WITHOUT LITTERS ARE EXCLUDED FROM THE MEANS

(D) - DEAD

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 7

REPRODUCTIVE PERFORMANCE - FO GENERATION

Key:

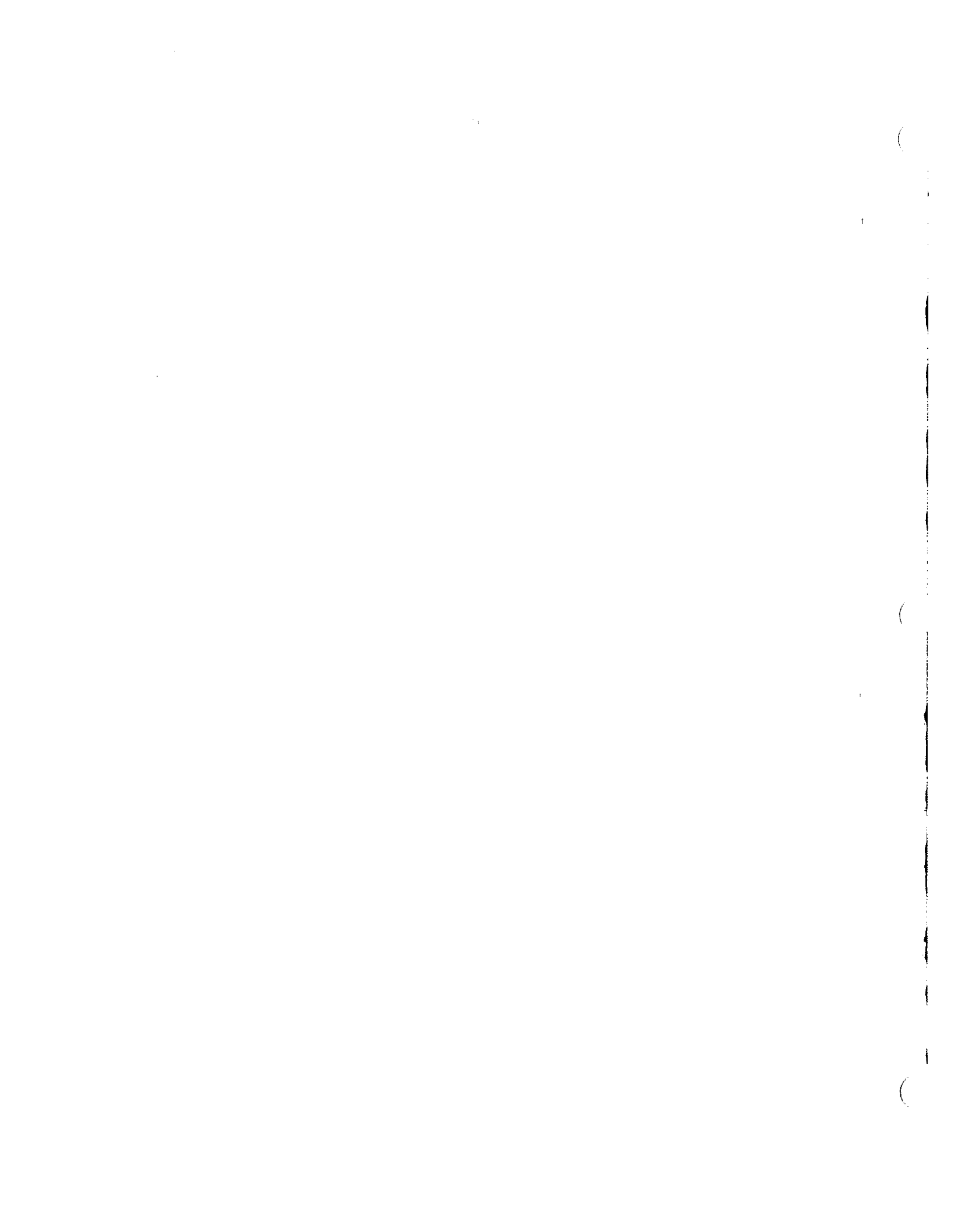
PCI = pre-coital interval

GEST'N = gestation

The following litters were lost/destroyed: 29, 128, 186, 192.

Where values were not recorded in error, or were inconsistent with subsequent values, for statistical and reporting purposes the number of young alive was considered to be the same as recorded subsequently.

In the case of female 91, the pups were sexed and counted on day 7 and these data input for day 5 with the assumption that one of the pups had died on or before day 5.



PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 7

REPRODUCTIVE PERFORMANCE - F0 GENERATION

FEMALE NUMBER	PAIRING DATE	+VE SMEAR DATE	0	ppm	DATE LITTERED	GEST'N PERIOD (DAYS)	MALE NUMBER	YOUNG AT DAY ONE		YOUNG ALIVE DAY 5	YOUNG ALIVE DAY 11	YOUNG ALIVE DAY 16	YOUNG ALIVE DAY 22	YOUNG ALIVE DAY 29
			PCI					ALIVE	DEAD					
25	20/07/92	22/07/92	2		13/08/92	22	1	13	0	8	7	7	7	7
26	20/07/92	25/07/92	5		16/08/92	22	2	10	0	9	9	9	9	9
27	20/07/92 16/08/92	28/07/92	8				3 10							
28	20/07/92	24/07/92	4		15/08/92	22	4	9	0	9	9	9	9	9
29	20/07/92	21/07/92	1		13/08/92	23	5	1	1					
30	20/07/92	26/07/92	6		19/08/92	24	6	3	0	3	3	3	3	3
31	20/07/92	01/08/92	12		23/08/92	22	7	3	0	3	3	3	3	3
32	20/07/92	21/07/92	1		12/08/92	22	8	10	0	10	10	10	10	10
33	20/07/92	22/07/92	2		13/08/92	22	9	12	0	12	12	12	12	12
34	20/07/92	22/07/92	2		13/08/92	22	10	10	0	9	9	9	9	9
35	20/07/92 10/08/92	21/07/92 12/08/92	1 2		03/09/92	22	11 5	12	0	12	12	12	12	12
36	20/07/92	24/07/92	4		15/08/92	22	12	13	0	13	13	13	13	13
37	20/07/92 10/08/92	25/07/92 13/08/92	5 3		04/09/92	22	13 24	13	0	13	13	13	13	13
38	20/07/92	23/07/92	3		14/08/92	22	14	11	0	11	11	11	11	11
39	20/07/92 10/08/92	21/07/92 12/08/92	1 2		03/09/92	22	15 8	12	0	11	11	11		11
40	20/07/92	25/07/92	5		18/08/92	24	16	3	0	3	3	3	3	3

CTL/P/4097 - 356

F₀ rep. perf.

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 7

REPRODUCTIVE PERFORMANCE - F0 GENERATION

FEMALE NUMBER	PAIRING DATE	+VE SMEAR DATE	PCI	0	ppm	DATE LITTERED	GEST'N PERIOD (DAYS)	MALE NUMBER	YOUNG AT DAY ONE ALIVE	YOUNG ALIVE DAY 5	YOUNG ALIVE DAY 11	YOUNG ALIVE DAY 16	YOUNG ALIVE DAY 22	YOUNG ALIVE DAY 29
41	20/07/92 10/08/92	13/08/92	3			04/09/92	22	17 1	11	0	11	11	11	11
42	20/07/92	31/07/92	11			22/08/92	22	18	12	1	12	12	12	12
43	20/07/92	26/07/92	6			17/08/92	22	19	12	0	11	10	10	10
44	20/07/92	02/08/92	13			24/08/92	22	20	12	0	9	9	9	9
45	20/07/92 17/08/92	24/07/92 19/08/92	4 2			10/09/92	22	21 9	12	0	11	11	11	11
46	20/07/92	28/07/92	8			19/08/92	22	22	12	0	11	11	11	11
47	20/07/92	23/07/92	3			14/08/92	22	23	10	0	10	10	10	10
48	20/07/92	21/07/92	1			12/08/92	22	24	8	0	8	8	8	8

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 7

REPRODUCTIVE PERFORMANCE - F0 GENERATION

FEMALE NUMBER	PAIRING DATE	+VE SMEAR DATE	100	ppm	DATE LITTERED	GEST'N PERIOD (DAYS)	MALE NUMBER	YOUNG AT		YOUNG ALIVE DAY 5	YOUNG ALIVE DAY 11	YOUNG ALIVE DAY 16	YOUNG ALIVE DAY 22	YOUNG ALIVE DAY 29
			PCI					ALIVE	DEAD					
73	20/07/92	28/07/92	8				49							
74	20/07/92	05/08/92	16		27/08/92	22	50	14	0	14	14	14	14	14
75	20/07/92	21/07/92	1				51							
	10/08/92	11/08/92	1				57							
76	20/07/92	22/07/92	2		13/08/92	22	52	11	0	11	11	11	11	11
77	20/07/92	26/07/92	6		18/08/92	23	53	5	0	5	5	5	5	5
78	20/07/92	22/07/92	2				54							
	10/08/92	11/08/92	1		02/09/92	22	52	12	0	10	10	10	10	10
79	20/07/92	24/07/92	4		15/08/92	22	55	14	0	14	14	14	14	14
80	20/07/92	21/07/92	1				56							
	10/08/92	11/08/92	1				59							
81	20/07/92	21/07/92	1		12/08/92	22	57	13	0	12	12	12	12	12
82	20/07/92	24/07/92	4		15/08/92	22	58	14	0	12	12	12	12	12
83	20/07/92	21/07/92	1		12/08/92	22	59	9	0	9	9	9	9	9
84	20/07/92	21/07/92	1		12/08/92	22	60	13	0	12	12	12	12	12
85	20/07/92	21/07/92	1				61							
	10/08/92	12/08/92	2		04/09/92	23	60	11	0	10 *	11		11	11
86	20/07/92	23/07/92	3		14/08/92	22	62	11	0	11	11	11	11	11
87	20/07/92	26/07/92	6		17/08/92	22	63	16	0	15	15	15	15	15
88	20/07/92	21/07/92	1		12/08/92	22	64	11	0	11	11	11	11	11

* Indicates value is inconsistent with subsequent value

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 7

REPRODUCTIVE PERFORMANCE - FO GENERATION

FEMALE NUMBER	PAIRING DATE	+VE SMEAR DATE	100	ppm	DATE LITTERED	GEST'N PERIOD (DAYS)	MALE NUMBER	YOUNG AT		YOUNG ALIVE DAY 5	YOUNG ALIVE DAY 11	YOUNG ALIVE DAY 16	YOUNG ALIVE DAY 22	YOUNG ALIVE DAY 29
			PCI					DAY ONE ALIVE	DEAD					
89	20/07/92	22/07/92	2		03/09/92	22	65	12	0	12	12	12	12	12
	10/08/92	12/08/92	2	70										
90	20/07/92	21/07/92	1		13/08/92	23	66	3	0	2	2	2	2	2
91	20/07/92				03/09/92	22	67	12	0	11	11	11	11	11
	10/08/92	12/08/92	2	66										
92	20/07/92	25/07/92	5		05/09/92	22	68	6	4	4	4	4	4	4
	10/08/92	14/08/92	4	64										
93	20/07/92	23/07/92	3		14/08/92	22	69	12	0	11	11	11	11	11
94	20/07/92	22/07/92	2		13/08/92	22	70	12	0	12	12	12	12	12
95	20/07/92	23/07/92	3		14/08/92	22	71	11	0	11	11	11	11	11
96	20/07/92	26/07/92	6		18/08/92	23	72	4	0	4	4	4	4	4