



CHEMICAL MANUFACTURERS ASSOCIATION

May 11, 1998

Dear Vinyl Chloride Health Committee Members:

Enclosed is a copy of the draft reproductive study from Huntingdon Life Sciences. Please review and send us comment on this draft study no later than COB Friday, May 29, 1998. Huntingdon will then have thirty days to revise the study and respond to our comments. The final reproductive study is due to ATSDR by July 1998.

If you have any questions, please call Wendy Sherman at 703/741-5639.

Sincerely,

Cynthia Barrett
Senior Admin. Asst. Vinyl Chloride
Health Committee

Enclosure

Volume
III



INNOVATION, TECHNOLOGY AND RESPONSIBLE CARE[®] AT WORK

1300 WILSON BLVD., ARLINGTON, VA 22209 • TELEPHONE 703-741-5000 • FAX 703-741-6000

BFG 003270



STUDY NO. 96-4080

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

Reproduction Study

Unaudited Draft Final Report

Volume III of III

Submitted to: Chemical Manufacturers Association
Chemstar Department
1300 Wilson Boulevard
Arlington, Virginia 22209

Attn: Hasmukh C. Shah, Ph.D.

Date: 5 May 1998

Page 1

APPENDIX Y

	Pathology Report Table of Contents	Appendix Y
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Adult Animals

Incidence Summary of Macroscopic Postmortem Observations

P ₁ Generation.....	3
P ₂ Generation.....	7

Expanded Incidence Summary of Microscopic Postmortem Observations

P ₁ Generation.....	12
P ₂ Generation.....	21

Individual Animal Postmortem Findings

P ₁ Generation.....	31
P ₂ Generation.....	271

Pups

F₁ Pups

Day 25 Weaning - External and Internal Examination.....	510
Day 25 Weaning - External Examination.....	518

F₂ Pups

Day 21 Weaning - External and Internal Examination.....	526
Day 21 Weaning - External Examination.....	534

	Pathology Report Incidence Summary of Macroscopic Postmortem Findings Preface	Appendix Y
--	--	------------

Key to Abbreviations

LN = Lymph Nodes

GL, GLS = Glands

TISS = Tissue

FALOP T = Fallopian Tubes

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 OBSERVATIONS INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 3

STUDY NUMBER: 964080

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES:									
SEX=ALL; GROUP=ALL; WEEKS=ALL									
DEATH=T,A,D; SUBSET=T									
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	SEX: -----MALE-----				-----FEMALE-----			
		GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
		30	30	30	30	30	30	30	30
** TOP OF LIST **									
ADRENAL GLANDS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
AORTA	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
BRAIN	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
FEMUR	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
FEMORAL MARROW	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
EPIDIDYMIDES	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
ESOPHAGUS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
EYES	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
OPACITY		1	2	0	0	0	0	0	0
HARDERIAN GLANDS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
LACRIMAL GLANDS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
HEART	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
KIDNEYS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
IRREGULAR SHAPE		1	0	0	0	0	0	0	0
ENLARGED		0	1	0	0	0	0	0	0
DILATATION		0	1	1	1	2	1	2	1
CALCULUS(CALCULI)		0	0	1	0	0	0	0	0
LIVER	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
NODULE(S)/MASS(ES)		0	1	0	0	0	0	0	1
LUNGS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
FLUID FILLED		0	0	0	0	1	0	0	0
NODULE(S)/MASS(ES)		0	0	0	0	1	0	0	0
MESENTERIC LN	NUMBER EXAMINED:	30	30	30	30	30	30	30	30

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 OBSERVATIONS INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 4

STUDY NUMBER: 964080

--- NUMBER - OF - ANIMALS - AFFECTED ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;WEEKS=ALL DEATH=T,A,D;SUBSET=T	SEX: GROUP:	-----MALE-----				-----FEMALE-----			
		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	30	30	30	30	30	30	30	30
MEDIASTINAL LN DISCOLORED	NUMBER EXAMINED:	30 0	30 0	30 0	30 1	30 0	30 0	30 0	30 0
MAMMARY GLANDS MODULE(S)/MASS(ES)	NUMBER EXAMINED:	30 0	30 0	30 0	30 0	30 0	30 0	30 1	30 1
NERVE	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
NOSE/TURBINATES	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
OVIDUCTS/FALOP T	NUMBER EXAMINED:	0	0	0	0	30	30	30	30
OVARIES DISCOLORED-FOCUS(FOCI)	NUMBER EXAMINED:	0 0	0 0	0 0	0 0	30 0	30 0	30 0	30 1
PANCREAS DISCOLORED	NUMBER EXAMINED:	30 0	30 0	30 0	30 0	30 1	30 0	30 0	30 0
PITUITARY GLAND	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
PROSTATE GLAND DISCOLORED-AREA(S)	NUMBER EXAMINED:	30 0	30 0	30 0	30 1	0 0	0 0	0 0	0 0
SPINAL CORD	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
SALIVARY GLANDS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
SKIN SCAB(S)/SORE(S) HAIR ABSENT/THIN	NUMBER EXAMINED:	30 1 0	30 0 0	30 0 0	30 0 0	30 0 0	30 0 0	30 0 1	30 0 0
SKELETAL MUSCLE	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
SPLEEN	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
STOMACH DISCOLORED-FOCUS(FOCI)	NUMBER EXAMINED:	30 0	30 0	30 0	30 0	30 0	30 0	30 1	30 1
DUODENUM	NUMBER EXAMINED:	30	30	30	30	30	30	30	30

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
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 OBSERVATIONS INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 5

STUDY NUMBER: 964080

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES:									
SEX=ALL;GROUP=ALL;WEEKS=ALL									
DEATH=T,A,D;SUBSET=T									
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	SEX: -----MALE-----				-----FEMALE-----			
		GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
		30	30	30	30	30	30	30	30
		---	---	---	---	---	---	---	---
JEJUNUM	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
ILEUM	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
CECUM	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
COLON	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
LOW COLON/RECTUM	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
SEMINAL VESICLES	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
SMALL		0	1	0	0	0	0	0	0
TESTES	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
ENLARGED		0	1	0	1	0	0	0	0
SMALL		0	0	1	0	0	0	0	0
THYROID GLAND	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
PARATHYROID GLS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
THYMUS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
DISCOLORED		1	0	0	0	2	0	0	0
TONGUE	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
GINGIVA	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
TRACHEA	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
FLUID		0	0	0	0	1	0	0	0
LARYNX	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
URINARY BLADDER	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
DISTENDED		0	1	0	0	0	0	0	0
CALCULUS(CALCULI)		0	0	1	0	0	0	0	0

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PRINTED: 29-APR-98
 PAGE: 6

STUDY NUMBER: 964080

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;WEEKS=ALL DEATH=T,A,D;SUBSET=T	SEX: -----MALE-----				-----FEMALE-----				NUMBER
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	30	30	30	30	30	30	30	30
UTERUS	NUMBER EXAMINED:	0	0	0	0	30	30	30	30
IMPLANT SCARS - PRESENT		0	0	0	0	27	27	22	27
IMPLANT SCARS - NOT PRESENT		0	0	0	0	3	3	8	2
IMPLANT SITES NOT NOTED		0	0	0	0	0	0	0	1
VAGINA	NUMBER EXAMINED:	0	0	0	0	30	30	30	30
ZYMBAL'S GLANDS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
ADIPOSE TISSUE	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
MODULE(S)/MASS(ES)		0	1	0	0	0	0	0	0
EXTREMITY	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
SWOLLEN		0	1	0	0	0	0	0	0
HAIR ABSENT/THIN		0	1	0	0	0	0	1	0
EARS	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
SWOLLEN		0	0	1	1	2	0	1	2
DISCOLORED		0	0	0	1	2	0	1	1
URETHRA	NUMBER EXAMINED:	30	30	30	30	30	30	30	30
** END OF LIST **									

*** PATH/TOX SYSTEM OUTPUT ***
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 OBSERVATIONS INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 7

STUDY NUMBER: 964080A

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;WEEKS=ALL DEATH=ALL;SUBSET=1									
ORGAN AND KEYWORD(S) OR PHRASE	SEX: -----MALE-----				-----FEMALE-----				
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
NUMBER:	30	30	30	30	30	29	30	30	
--- -- -- -- --									
** TOP OF LIST **									
ADRENAL GLANDS	NUMBER EXAMINED:	30	30	30	30	29	30	30	
AORTA	NUMBER EXAMINED:	30	30	30	30	29	30	30	
BRAIN	NUMBER EXAMINED:	30	30	30	30	29	30	30	
FEMUR	NUMBER EXAMINED:	30	30	30	30	29	30	30	
FEMORAL MARROW	NUMBER EXAMINED:	30	30	30	30	29	30	30	
EPIDIDYMIDES	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
SMALL		1	0	0	1	0	0	0	0
ESOPHAGUS	NUMBER EXAMINED:	30	30	30	30	29	30	30	
EYES	NUMBER EXAMINED:	30	30	30	30	29	30	30	
OPACITY		0	0	0	0	0	0	1	
HARDERIAN GLANDS	NUMBER EXAMINED:	30	30	30	30	29	30	30	
LACRIMAL GLANDS	NUMBER EXAMINED:	30	30	30	30	29	30	30	
HEART	NUMBER EXAMINED:	30	30	30	30	29	30	30	
KIDNEYS	NUMBER EXAMINED:	30	30	30	30	29	30	30	
DILATATION		2	1	0	0	0	1	1	1
NOT EVIDENT		1	0	0	0	0	0	0	0
DISCOLORED-FOCUS(FOCI)		0	0	0	0	0	0	1	
LIVER	NUMBER EXAMINED:	30	30	30	30	29	30	30	
DISCOLORED-FOCUS(FOCI)		0	1	1	0	0	0	1	
LUNGS	NUMBER EXAMINED:	30	30	30	30	29	30	30	
MESENTERIC LN	NUMBER EXAMINED:	30	30	30	30	29	30	30	
MEDIASTINAL LN	NUMBER EXAMINED:	30	30	30	30	29	30	30	
MAMMARY GLANDS	NUMBER EXAMINED:	30	30	30	30	29	30	30	

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 OBSERVATIONS INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 8

STUDY NUMBER: 964080A

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	SEX: -----MALE-----				-----FEMALE-----			
		GROUP: -1- -2- -3- -4-				-1- -2- -3- -4-			
		30	30	30	30	30	29	30	30
NERVE	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
NOSE/TURBINATES	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
OVIDUCTS/FALOP T	NUMBER EXAMINED:	0	0	0	0	30	29	30	30
OVARIES	NUMBER EXAMINED:	0	0	0	0	30	29	30	30
PANCREAS	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
PITUITARY GLAND	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
ENLARGED		0	0	0	0	0	0	0	1
PROSTATE GLAND	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
SPINAL CORD	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
SALIVARY GLANDS	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
SKIN	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
HAIR ABSENT/THIN		0	0	0	0	1	0	2	0
SKELETAL MUSCLE	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
SPLEEN	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
STOMACH	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
DUODENUM	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
JEJUNUM	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
ILEUM	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
CECUM	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
COLON	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
LOW COLON/RECTUM	NUMBER EXAMINED:	30	30	30	30	30	29	30	30

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 OBSERVATIONS INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 9

STUDY NUMBER: 964080A

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;WEEKS=ALL DEATH=ALL;SUBSET=T	SEX: -----MALE-----				-----FEMALE-----				
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
ORGAN AND KEYWORD(S) OR PHRASE	NUMBER:	30	30	30	30	29	30	30	
	==	==	==	==	==	==	==	==	==
SEMINAL VESICLES	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
SMALL		1	0	0	0	0	0	0	0
TESTES	NUMBER EXAMINED:	30	30	30	30	0	0	0	0
SMALL		1	0	1	1	0	0	0	0
ENLARGED		0	0	0	1	0	0	0	0
SOFT		0	0	1	0	0	0	0	0
THYROID GLAND	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
PARATHYROID GLS	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
THYMUS	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
TONGUE	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
TRACHEA	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
LARYNX	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
URINARY BLADDER	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
UTERUS	NUMBER EXAMINED:	0	0	0	0	30	29	30	30
IMPLANT SCARS - PRESENT		0	0	0	0	25	24	27	27
IMPLANT SCARS - NOT PRESENT		0	0	0	0	5	5	3	3
VAGINA	NUMBER EXAMINED:	0	0	0	0	30	29	30	30
ZYMBAL'S GLANDS	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
LYMPH NODE	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
ENLARGED		1	0	0	0	0	0	0	0
ADIPOSE TISSUE	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
NODULE(S)/MASS(ES)		0	0	0	1	0	1	0	0
EXTREMITY	NUMBER EXAMINED:	30	30	30	30	30	29	30	30
HAIR ABSENT		0	0	0	0	0	0	1	0

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REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
OBSERVATIONS INCIDENCE SUMMARY

PATH/TOX SYSTEM OUTPUT

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION

VINYL CHLORIDE COMBINED INMATELATION TWO-GENERATION REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS

STUDY NUMBER: 964080A

--- NUMBER OF ANIMALS - AFFECTED ---

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;SUBSET=T

ORGAN AND KEYWORD(S) OR PHRASE

★★ FROM PREVIOUS PAGE ★★

EXTREMITY ...

HAIR THIN **
END OF LIST **

	SEX:			
	MALE		FEMALE	
GROUP:	-1-	-2-3-	-4-	-5-
NUMBER:	30	30	30	30
NUMBER EXAMINED:	30	30	30	30

	Pathology Report Expanded Incidence Summary of Microscopic Postmortem Findings Preface	Appendix Y
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Key to Abbreviations

1> = Minimal
2> = Slight
3> = Moderate
4> = Moderately Severe
5> = Severe
TL> = Total
P> = Present
U/ = Unilateral
B/ = Bilateral
FALOP T = Fallopian Tubes

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 12

STUDY NUMBER: 964080

--- NUMBER - OF - ANIMALS - AFFECTED ---									
ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----				NUMBER
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
ORGAN/TISSUE EXAMINED	NUMBER:	30	30	30	30	30	30	30	30

** TOP OF LIST **									
TRACHEA	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--MUCOSA: MUCOSAL GLANDS-DILATED	1>	2	0	0	0	0	0	0	0
	TL>	2	0	0	0	0	0	0	0
LUNGS	NUMBER EXAMINED:	30	0	0	30	29	0	0	30
--CONGESTION	2>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
--PULMONARY VESSELS: MINERAL DEPOSIT(S)	1>	2	0	0	1	4	0	0	2
	TL>	2	0	0	1	4	0	0	2
--LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)	1>	3	0	0	0	0	0	0	0
	TL>	3	0	0	0	0	0	0	0
--INTERSTITIUM: MINERAL DEPOSIT(S)/OSSEOUS METAPLASIA	1>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
--PERIVASCULAR: EDEMA	1>	0	0	0	0	3	0	0	0
	TL>	0	0	0	0	3	0	0	0
--HEMORRHAGE ALVEOLAR	2>	0	0	0	0	1	0	0	0
	3>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	2	0	0	0
--PERIBRONCHIAL: LYMPHOCYTIC HYPERPLASIA	2>	0	0	0	0	3	0	0	0
	TL>	0	0	0	0	3	0	0	0
--PNEUMONITIS INTERSTITIAL SUBACUTE	2>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	1	0	0	0
--PERIVASCULAR/PERIBRONCHIAL LYMPHOID CELLS	1>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
NOSE/TURBINATES	NUMBER EXAMINED:	0	0	0	0	0	0	0	0
NOSE/TURB SEC 1	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--VOMORONASAL ORGAN: FREE ERYTHROCYTES	1>	3	0	0	0	1	0	0	2
	TL>	3	0	0	0	1	0	0	2

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98

PAGE: 13

STUDY NUMBER: 964080

--- NUMBER OF ANIMALS AFFECTED ---									
ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----				NUMBER
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
NUMBER:	30	30	30	30	30	30	30	30	
** FROM PREVIOUS PAGE **									
NOSE/TURB SEC 1	NUMBER EXAMINED: 30 0 0 30 30 0 0 30								
--NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES	1>	1	0	0	1	0	0	0	0
	2>	1	0	0	0	0	0	0	0
	TL>	2	0	0	1	0	0	0	0
--NASAL MUCOSA (RESPIRATORY): ACUTE/SUBACUTE INFLAMMATION	1>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
--ODONTOPATHY	1>	0	0	0	2	0	0	0	1
	2>	1	0	0	0	0	0	0	0
	TL>	1	0	0	2	0	0	0	1
--NASAL MUCOSA (RESPIRATORY): GOBLET CELL HYPERTROPHY/HYPERPLASIA	1>	0	0	0	0	0	0	0	3
	2>	0	0	0	1	0	0	0	0
	TL>	0	0	0	1	0	0	0	3
--NASOLACRIMAL DUCT(S): EOSINOPHILIC MATERIAL	1>	0	0	0	2	0	0	0	1
	TL>	0	0	0	2	0	0	0	1
--NASAL LUMEN: FREE ERYTHROCYTES	2>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	1	0	0	0
--NASAL LUMEN: EXUDATE	1>	0	0	0	0	1	0	0	1
	TL>	0	0	0	0	1	0	0	1
--NASAL MUCOSA (JUNCTION OF THE RESPIRATORY/OLFACTORY MUCOSA) GLANDS DILATED	1>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
--NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION	2>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
--NASOLACRIMAL DUCT: EXUDATE	2>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
NOSE/TURB SEC 2	NUMBER EXAMINED: 30 0 0 30 30 0 0 30								
--NASAL LUMEN: FREE ERYTHROCYTES	1>	2	0	0	1	0	0	0	0
	3>	0	0	0	0	1	0	0	0
	TL>	2	0	0	1	1	0	0	0

** CONTINUED ON NEXT PAGE **

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 14

STUDY NUMBER: 964080

TABLE INCLUDES:

SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL
 DEATH=T,A,D;FIND=ALL;SUBSET=T

--- NUMBER - OF - ANIMALS - AFFECTED ---

ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----			
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:	30	30	30	30	30	30	30	30
** FROM PREVIOUS PAGE **								
NOSE/TURB SEC 2	NUMBER EXAMINED:	30	0	0	30	0	0	30
--NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS	1>	2	0	0	4	3	0	2
	TL>	2	0	0	4	3	0	2
--NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/	1>	1	0	0	0	0	0	3
CHRONIC INFLAMMATION	2>	1	0	0	1	0	0	3
	3>	2	0	0	0	1	0	0
	TL>	4	0	0	1	1	0	6
--VOMERONASAL ORGAN: EOSINOPHILIC MATERIAL	1>	3	0	0	0	2	0	2
	2>	1	0	0	0	0	0	0
	TL>	4	0	0	0	2	0	2
--ODONTOPATHY	1>	0	0	0	2	0	0	1
	2>	1	0	0	1	1	0	1
	3>	2	0	0	1	0	0	0
	TL>	3	0	0	4	1	0	2
--VOMERONASAL ORGAN: FREE ERYTHROCYTES	1>	1	0	0	0	3	0	3
	TL>	1	0	0	0	3	0	3
--NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES	1>	3	0	0	3	2	0	0
	2>	2	0	0	0	3	0	0
	TL>	5	0	0	3	5	0	0
--NASOLACRIMAL DUCT: EXUDATE	1>	0	0	0	0	0	0	1
	2>	0	0	0	0	1	0	1
	TL>	0	0	0	0	1	0	2
--NASAL LUMEN: INFLAMMATORY CELLS/CELL DEBRIS	1>	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	1
--VOMERONASAL ORGAN: EXUDATE	1>	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	1
NOSE/TURB SEC 3	NUMBER EXAMINED:	30	0	0	30	0	0	30
--NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOLASMIC	1>	1	0	0	1	4	0	0
EOSINOPHILIC MATERIAL	TL>	1	0	0	1	4	0	0

** CONTINUED ON NEXT PAGE **

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98

PAGE: 15

STUDY NUMBER: 964080

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----				NUMBER EXAMINED
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
	30	30	30	30	30	30	30	30	
	---	---	---	---	---	---	---	---	
** FROM PREVIOUS PAGE **									
NOSE/TURB SEC 3	30	0	0	30	30	0	0	30	
--NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA	1> 10	0	0	2	8	0	0	5	
	2> 3	0	0	3	8	0	0	1	
	TL> 13	0	0	5	16	0	0	6	
--NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/	1> 3	0	0	0	0	0	0	0	
CHRONIC INFLAMMATION	2> 2	0	0	0	0	0	0	0	
	TL> 5	0	0	0	0	0	0	0	
--NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC	1> 7	0	0	12	13	0	0	6	
EOSINOPHILIC MATERIAL	2> 4	0	0	1	0	0	0	0	
	4> 0	0	0	1	0	0	0	0	
	TL> 11	0	0	14	13	0	0	6	
--NASAL MUCOSA (OLFACTORY): EPITHELIUM DEGENERATION	1> 1	0	0	0	0	0	0	0	
	TL> 1	0	0	0	0	0	0	0	
--NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES	1> 0	0	0	2	2	0	0	0	
	2> 0	0	0	0	1	0	0	0	
	TL> 0	0	0	2	3	0	0	0	
--NASAL LUMEN: FREE ERYTHROCYTES	1> 0	0	0	2	0	0	0	1	
	2> 0	0	0	0	1	0	0	0	
	3> 0	0	0	0	1	0	0	0	
	TL> 0	0	0	2	2	0	0	1	
--NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL	1> 0	0	0	1	1	0	0	0	
	TL> 0	0	0	1	1	0	0	0	
--NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL	1> 1	0	0	0	0	0	0	0	
	TL> 1	0	0	0	0	0	0	0	
--NASAL LUMEN: INFLAMMATORY CELLS/CELL DEBRIS	1> 0	0	0	0	0	0	0	1	
	TL> 0	0	0	0	0	0	0	1	

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

STUDY NUMBER: 964080

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---

TABLE INCLUDES:									
SEX=ALL; GROUP=ALL; SCREEN=ALL; WEEKS=ALL									
DEATH=T,A,D; FIND=ALL; SUBSET=1									
ORGAN/TISSUE EXAMINED									
SEX: -----MALE-----FEMALE-----									
GROUP: -1- -2- -3- -4- -1- -2- -3- -4-									
NUMBER: 30 30 30 30 30 30 30 30 30 30									
NOSE/TURB SEC 4									
NUMBER EXAMINED: 30 0 0 30 30 0 0 30									
1> 0 0 0 1 0 0 0 0									
2> 1 0 0 1 1 0 0 0									
TL> 1 0 0 2 1 0 0 1									
--NASAL LUMEN: FREE ERYTHROCYTES									
1> 9 0 0 15 16 0 0 12									
2> 13 0 0 5 6 0 0 3									
TL> 22 0 0 20 22 0 0 15									
--NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACITOPLASMIC									
1> 0 0 0 0 1 0 0 0									
TL> 0 0 0 0 1 0 0 0									
--NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACITOPLASMIC									
1> 3 0 0 0 1 0 0 0									
TL> 3 0 0 0 1 0 0 0									
--NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL									
1> 1 0 0 4 0 0 0 0									
TL> 1 0 0 4 0 0 0 0									
--NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL									
1> 1 0 0 4 0 0 0 0									
TL> 1 0 0 4 0 0 0 0									
LIVER									
NUMBER EXAMINED: 30 30 30 30 30 30 30 30									
1> 4 15 1 2 0 0 0 0									
TL> 4 15 1 2 0 0 0 0									
--EXTRAMEDULLARY HEMATOPOIESIS									
1> 16 2 21 17 19 5 10 18									
2> 0 0 0 1 1 0 0 0									
3> 0 0 0 0 0 0 0 1									
TL> 16 2 21 18 20 5 10 19									
--ACUTE/SUBACUTE INFLAMMATION									
1> 21 10 16 9 11 20 9 20									
2> 5 3 1 0 0 0 0 1									
TL> 26 13 17 9 11 20 9 21									
--HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)									
1> 0 0 0 0 0 0 1 0									
TL> 0 0 0 0 0 0 1 0									
--CONGESTION									
1> 0 0 0 2 1 0 0 0									
4> 0 0 0 0 0 0 0 1									
TL> 0 0 0 2 1 0 0 1									
--NECROSIS, COAGULATION									

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 17

STUDY NUMBER: 964080

TABLE INCLUDES:

SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL
 DEATH=T,A,D;FIND=ALL;SUBSET=T

--- NUMBER - OF - ANIMALS - AFFECTED ---

ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----			
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:	30	30	30	30	30	30	30	30
** FROM PREVIOUS PAGE **								
LIVER	NUMBER EXAMINED: 30 30 30 30 30 30 30 30							
--HEPATOCYTES: BASOPHILIC FOCUS	1> 0	0	0	1	0	0	0	0
TL>	0	0	0	1	0	0	0	0
--HEPATOCYTES CENTRIOBLULAR: HYPERTROPHY	1> 0	0	15	30	0	2	26	30
TL>	0	0	15	30	0	2	26	30
--HEPATOCYTES: ACIDOPHILIC FOCUS	1> 0	0	0	1	0	0	0	0
TL>	0	0	0	1	0	0	0	0
--PELIOSIS HEPATIS	1> 0	0	2	0	0	0	0	0
TL>	0	0	2	0	0	0	0	0
--MICROGRANULOMA	1> 0	0	0	0	0	0	1	0
TL>	0	0	0	0	0	0	1	0
KIDNEYS	NUMBER EXAMINED: 30 0 0 30 30 0 0 30							
--U: PYELITIS,SUBACUTE	1> 2	0	0	1	0	0	0	1
TL>	2	0	0	1	0	0	0	1
--CORTEX: INFILTRATES,SUBACUTE	1> 5	0	0	5	4	0	0	4
TL>	5	0	0	5	4	0	0	4
--DILATED TUBULES	1> 1	0	0	1	1	0	0	1
TL>	1	0	0	1	1	0	0	1
--MEDULLA: CYST	1> 1	0	0	0	1	0	0	0
TL>	1	0	0	0	1	0	0	0
--INTERSTITIAL NEPHRITIS SUBACUTE	1> 0	0	0	2	1	0	0	0
TL>	0	0	0	2	1	0	0	0
--PELVIS DILATED	1> 0	0	0	1	1	0	0	1
2>	0	0	0	0	0	0	0	1
3>	0	0	0	1	0	0	0	0
4>	0	0	0	0	2	0	0	0
TL>	0	0	0	2	3	0	0	2

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*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

STUDY NUMBER: 964080

--- NUMBER OF ANIMALS AFFECTED ---

TABLE INCLUDES:		SEX:		MALE		FEMALE	
SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL		GROUP: -1- -2- -3- -4- -1- -2- -3- -4-					
DEATH=T,A,O;FIND=ALL;SUBSET=T							
ORGAN/TISSUE EXAMINED		NUMBER: 30 30 30 30 30 30 30 30					
** FROM PREVIOUS PAGE **							
KIDNEYS		NUMBER EXAMINED: 30 0 0 30 30 0 0 30					
--CORTEX: CYST		1> 0 0 0 1 1 0 0					
		TL> 0 0 0 1 1 0 0					
--CALCIFIC GRANULES		1> 0 0 0 0 1 0 0					
		TL> 0 0 0 0 1 0 0					
--PYELONEPHRITIS, SUBACUTE		3> 0 0 0 0 0 0 0					
		TL> 0 0 0 0 2 0 0					
TESTES		NUMBER EXAMINED: 30 0 0 27 0 0 0 0					
--U: TUBULAR DEGENERATION		2> 0 0 0 1 0 0 0					
		3> 0 0 0 1 0 0 0					
		TL> 0 0 0 2 0 0 0					
--REDUCED SPERMATOGENESIS		2> 0 0 0 1 0 0 0					
		3> 0 0 0 1 0 0 0					
		TL> 0 0 0 2 0 0 0					
EPIDIDYMHIDES		NUMBER EXAMINED: 30 0 0 27 0 0 0 0					
--U: OLIGOSPERMIA		2> 0 0 0 1 0 0 0					
		TL> 0 0 0 1 0 0 0					
PROSTATE GLAND		NUMBER EXAMINED: 30 0 0 30 0 0 0 0					
--LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)		1> 5 0 0 3 0 0 0					
		2> 0 0 0 1 0 0 0					
		3> 1 0 0 0 0 0 0					
		TL> 6 0 0 4 0 0 0					
--ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES		1> 3 0 0 5 0 0 0					
		TL> 3 0 0 5 0 0 0					
--ACUTE/SUBACUTE INFLAMMATION		1> 0 0 0 1 0 0 0					
		3> 0 0 0 1 0 0 0					
		TL> 0 0 0 2 0 0 0					
SEMINAL VESICLES		NUMBER EXAMINED: 30 0 0 30 0 0 0 0					

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 19

STUDY NUMBER: 964080

TABLE INCLUDES:

SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL
 DEATH=T,A,D;FIND=ALL;SUBSET=T

--- NUMBER - OF - ANIMALS - AFFECTED ---

ORGAN/TISSUE EXAMINED	NUMBER	SEX: ---MALE---				---FEMALE---			
		GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
		30	30	30	30	30	30	30	30
COAGULATING GL	NUMBER EXAMINED:	30	0	0	30	0	0	0	0
OVARIES	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
OVIDUCTS/FALOP T	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
UTERUS	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
--ENDOMETRIUM: BROWN PIGMENT	1>	0	0	0	0	10	0	0	4
	2>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	11	0	0	4
--ENDOMETRIUM: HEMORRHAGE(S)	2>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	1	0	0	0
--MYOMETRIUM: BROWN PIGMENT	1>	0	0	0	0	6	0	0	9
	2>	0	0	0	0	6	0	0	12
	3>	0	0	0	0	1	0	0	1
	TL>	0	0	0	0	13	0	0	22
--ENDOMETRIUM: INFILTRATES SUBACUTE	1>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	1	0	0	0
--LUMEN: DILATED	1>	0	0	0	0	0	0	0	2
	2>	0	0	0	0	0	0	0	2
	TL>	0	0	0	0	0	0	0	4
--ENDOMETRIUM: GLANDS DILATED/CYSTIC DILATION	1>	0	0	0	0	0	0	0	2
	TL>	0	0	0	0	0	0	0	2
VAGINA	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
--MUOCSA: HYERPKERATOSIS (CORNIFIED)	1>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
PITUITARY GLAND	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--PARS INTERMEDIA: CYST(S)	1>	0	0	0	0	1	0	0	0
	2>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	1	0	0	0

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 20

STUDY NUMBER: 964080

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL DEATH=T,A,D;FIND=ALL;SUBSET=T	SEX: -----MALE-----				-----FEMALE-----				ORGAN/TISSUE EXAMINED
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
	NUMBER:	30	30	30	30	30	30	30	

** FROM PREVIOUS PAGE **									
PITUITARY GLAND	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--PARS DISTALIS: CYSTS	1>	2	0	0	3	1	0	0	1
	TL>	2	0	0	3	1	0	0	1
MAMMARY GLANDS	NUMBER EXAMINED:	28	0	0	25	30	0	0	30
--ADENOMA	P>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
THYMUS	NUMBER EXAMINED:	1	0	0	0	2	0	0	0
--HEMORRHAGE(S)	1>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
--CONGESTION	1>	0	0	0	0	2	0	0	0
	TL>	0	0	0	0	2	0	0	0
SKIN	NUMBER EXAMINED:	1	0	0	0	0	0	0	0
--ULCERATIVE DERMATITIS	3>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
MEDIASTINAL LN	NUMBER EXAMINED:	0	0	0	1	0	0	0	0
--HEMORRHAGE(S)	2>	0	0	0	1	0	0	0	0
	TL>	0	0	0	1	0	0	0	0
EYES	NUMBER EXAMINED:	1	0	0	0	0	0	0	0
EARS	NUMBER EXAMINED:	0	0	0	1	2	0	0	2
--SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION	3>	0	0	0	1	2	0	0	1
	4>	0	0	0	0	0	0	0	1
	TL>	0	0	0	1	2	0	0	2
--NECROSIS CARTILAGE	1>	0	0	0	0	2	0	0	0
	3>	0	0	0	1	0	0	0	2
	TL>	0	0	0	1	2	0	0	2
PANCREAS	NUMBER EXAMINED:	0	0	0	0	1	0	0	0
STOMACH	NUMBER EXAMINED:	0	0	0	0	0	0	0	1
** END OF LIST **									

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

STUDY NUMBER: 964080A

--- NUMBER OF ANIMALS AFFECTED ---

TABLE INCLUDES:

SEX=ALL; GROUP=ALL; SCREEN=ALL; WEEKS=ALL
DEATH=ALL; FIND=ALL; SUBSET=7

SEX:	MALE	FEMALE
GROUP:	1- 2- 3- 4-	1- 2- 3- 4-

[illegible]

*** TOP OF LIST ***

[illegible]

LUNGS		NUMBER EXAMINED:	30	0	0	30	0	0	30
--OSSEOUS METAPLASIA		1>	1	0	0	1	0	0	1

---PERIVASCULAR: INFILTRATES SUBACUTE

---VISCERAL PLEURA/CAPSULE: SUBACUTE (CHRONIC ACTIVE)/						
	I>	3	0	0	0	0
	TL>	3	0	0	0	0
CHRONIC INFLAMMATION						

INTERSTITIUM: SUBACUTE/CHRONIC INFLAMMATION	1+	4	0	0	1	0	0	0	0
	TL	4	0	0	1	0	0	0	0

	---PULMONARY VESSELS: MINERAL DEPOSIT(S)						
	1>	1	0	0	3	0	0
	TL>	1	0	0	3	0	0

	I>	1	0	0	0	0	0	0	0
	IL>	1	0	0	0	0	0	0	0

---PERIBRONCHIAL: LYMPHOCYTIC HYPERPLASIA

LIVER						
--HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)	NUMBER EXAMINED:	30	30	30	30	30
	1>	30	11	15	28	29
						15
						23
						30

$\tau_{L>}$	9	13	15	29	30	1	8	15	23	30
$\tau_{L=}$	9	13	15	29	30	1	8	15	23	30

11-ACQUIT/ SUOACUIC INFLAMMATION

---NECROSIS, SINGLE CELL

--ACIDOPHILIC FOCUS

** CONTINUED ON NEXT PAGE **

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 22

STUDY NUMBER: 964080A

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----				NUMBER
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
ORGAN/TISSUE EXAMINED	30	30	30	30	30	29	30	30	

** FROM PREVIOUS PAGE **									
LIVER	NUMBER EXAMINED: 30 30 30 30 30 29 30 30								
--BASOPHILIC FOCUS	1> 0	0	0	8	0	0	1	11	
	TL> 0	0	0	8	0	0	1	11	
--CLEAR CELL FOCUS	1> 0	0	0	5	0	0	0	0	
	TL> 0	0	0	5	0	0	0	0	
--BILE DUCT/BILIARY EPITHELIUM: HYPERPLASIA	1> 0	0	0	1	0	0	0	0	
	TL> 0	0	0	1	0	0	0	0	
--HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY	1> 0	0	19	30	0	6	30	30	
	TL> 0	0	19	30	0	6	30	30	
--NECROSIS,COAGULATION	1> 0	0	0	0	0	1	0	0	
	2> 0	0	0	0	0	0	2	0	
	TL> 0	0	0	0	0	1	2	0	
--PELIOSIS HEPATIS	1> 0	0	1	0	0	0	0	0	
	TL> 0	0	1	0	0	0	0	0	
--EXTRA MEDULLARY HEMATOPOIESIS	1> 0	0	0	0	0	0	2	0	
	TL> 0	0	0	0	0	0	2	0	
--ANGIECTASIS	2> 0	0	0	0	0	0	2	0	
	TL> 0	0	0	0	0	0	2	0	
KIDNEYS	NUMBER EXAMINED: 30 0 0 30 30 0 0 30								
--CORTEX: INFILTRATES SUBACUTE	1> 4	0	0	4	1	0	0	4	
	TL> 4	0	0	4	1	0	0	4	
--TUBULES DILATED	1> 2	0	0	2	0	0	0	1	
	TL> 2	0	0	2	0	0	0	1	
--PELVIS: INFLAMMATION SUBACUTE	1> 0	0	0	0	0	0	0	1	
	2> 1	0	0	0	0	0	0	0	
	3> 1	0	0	0	0	0	0	0	
	TL> 2	0	0	0	0	0	0	1	

** CONTINUED ON NEXT PAGE **

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 23

STUDY NUMBER: 964080A

--- NUMBER OF ANIMALS AFFECTED ---									
TABLE INCLUDES:									
SEX=ALL; GROUP=ALL; SCREEN=ALL; WEEKS=ALL									
DEATH=ALL; FIND=ALL; SUBSET=T									
SEX: -----MALE-----FEMALE-----									
GROUP: -1- -2- -3- -4- -1- -2- -3- -4-									
ORGAN/TISSUE EXAMINED	NUMBER:	30	30	30	30	30	29	30	30
--- -- -- -- --									
** FROM PREVIOUS PAGE **									
KIDNEYS	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--PELVIS: EPITHELIAL HYPERPLASIA	1>	1	0	0	0	0	0	0	1
	2>	1	0	0	0	0	0	0	0
	TL>	2	0	0	0	0	0	0	1
--PELVIS: MINERALIZED GRANULES	1>	2	0	0	0	0	0	0	0
	TL>	2	0	0	0	0	0	0	0
--PELVIS: DILATED	1>	1	0	0	1	0	0	0	3
	TL>	1	0	0	1	0	0	0	3
--PYELONEPHRITIS	3>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
--MINERALIZED GRANULES	1>	0	0	0	0	1	0	0	4
	2>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	1	0	0	5
--PELVIS: FREE ERYTHROCYTES	1>	0	0	0	3	4	0	0	1
	TL>	0	0	0	3	4	0	0	1
TESTES	NUMBER EXAMINED:	29	0	0	30	0	0	0	0
--TUBULAR DEGENERATION	2>	1	0	0	0	0	0	0	0
	3>	1	0	0	1	0	0	0	0
	5>	1	0	0	1	0	0	0	0
	TL>	3	0	0	2	0	0	0	0
EPIDIDYMIDES	NUMBER EXAMINED:	29	0	0	30	0	0	0	0
--ASPERMIA	5>	1	0	0	1	0	0	0	0
	TL>	1	0	0	1	0	0	0	0
--HYOSPERMIA	3>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
PROSTATE GLAND	NUMBER EXAMINED:	30	0	0	30	0	0	0	0
--EDEMA	1>	2	0	0	1	0	0	0	0
	TL>	2	0	0	1	0	0	0	0
** CONTINUED ON NEXT PAGE **									

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 24

STUDY NUMBER: 964080A

--- NUMBER - OF - ANIMALS - AFFECTED ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL DEATH=ALL;FIND=ALL;SUBSET=T	SEX:	-----MALE-----				-----FEMALE-----			
	GROUP:	-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
ORGAN/TISSUE EXAMINED	NUMBER:	30	30	30	30	30	29	30	30
** FROM PREVIOUS PAGE **									
PROSTATE GLAND	NUMBER EXAMINED:	30	0	0	30	0	0	0	0
--ACUTE/SUBACUTE INFLAMMATION	1>	4	0	0	2	0	0	0	0
	2>	5	0	0	0	0	0	0	0
	TL>	9	0	0	2	0	0	0	0
--ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES	1>	4	0	0	4	0	0	0	0
	TL>	4	0	0	4	0	0	0	0
--ALVEOLAR LUMENS: EXUDATE	1>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
SEMINAL VESICLES	NUMBER EXAMINED:	30	0	0	30	0	0	0	0
--INFLAMMATION, SUBACUTE	2>	1	0	0	0	0	0	0	0
	TL>	1	0	0	0	0	0	0	0
COAGULATING GL	NUMBER EXAMINED:	30	0	0	30	0	0	0	0
OVARIES	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
OVIDUCTS/FALOP T	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
UTERUS	NUMBER EXAMINED:	0	0	0	0	30	0	0	30
--LUMEN: DILATED	1>	0	0	0	0	4	0	0	5
	2>	0	0	0	0	2	0	0	3
	TL>	0	0	0	0	6	0	0	8
--MYOMETRIUM: BROWN PIGMENT	1>	0	0	0	0	12	0	0	6
	2>	0	0	0	0	7	0	0	7
	TL>	0	0	0	0	19	0	0	13
--ENDOMETRIUM: BROWN PIGMENT	1>	0	0	0	0	1	0	0	12
	TL>	0	0	0	0	1	0	0	12
--ENDOMETRIUM: HYPERPLASIA	1>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 25

STUDY NUMBER: 964080A

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL DEATH=ALL;FIND=ALL;SUBSET=T									
ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----				NUMBER
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
	30	30	30	30	30	29	30	30	

VAGINA	NUMBER EXAMINED:	0	0	0	0	28	0	0	30
--MUCOSA: HYPERKERATOSIS (CORNIIFIED)	1>	0	0	0	0	3	0	0	3
	2>	0	0	0	0	1	0	0	0
	TL>	0	0	0	0	4	0	0	3
PITUITARY GLAND	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--PARS INTERMEDIA: CYST(S)	1>	1	0	0	2	0	0	0	0
	TL>	1	0	0	2	0	0	0	0
--PARS DISTALIS: CYSTS	1>	0	0	0	1	0	0	0	0
	TL>	0	0	0	1	0	0	0	0
--PARS DISTALIS: FOCAL HYPERPLASIA	1>	0	0	0	0	0	0	0	1
	TL>	0	0	0	0	0	0	0	1
MAMMARY GLANDS	NUMBER EXAMINED:	26	0	0	25	29	0	0	30
NOSE/TURBINATES	NUMBER EXAMINED:	0	0	0	0	0	0	0	0
NOSE/TURB SEC 1	NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--NASAL LUMEN: FREE ERYTHROCYTES	1>	2	0	0	1	0	0	0	0
	TL>	2	0	0	1	0	0	0	0
--NASAL MUCOSA (RESPIRATORY): ACUTE/SUBACUTE INFLAMMATION	1>	1	0	0	1	0	0	0	0
	3>	0	0	0	0	1	0	0	0
	TL>	1	0	0	1	1	0	0	0
--NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES	1>	0	0	0	1	0	0	0	0
	2>	0	0	0	0	0	0	0	2
	TL>	0	0	0	1	0	0	0	2
--NASOLACRIMAL DUCT(S): EOSINOPHILIC MATERIAL	1>	0	0	0	1	0	0	0	0
	TL>	0	0	0	1	0	0	0	0
--VOMERONASAL ORGAN: FREE ERYTHROCYTES	1>	2	0	0	2	1	0	0	1
	TL>	2	0	0	2	1	0	0	1

** CONTINUED ON NEXT PAGE **

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 26

STUDY NUMBER: 964080A

--- NUMBER - O F - A N I M A L S - A F F E C T E D ---									
ORGAN/TISSUE EXAMINED	SEX: -----MALE-----				-----FEMALE-----				NUMBER
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
ORGAN/TISSUE EXAMINED	30	30	30	30	30	29	30	30	
** FROM PREVIOUS PAGE **									
NOSE/TURB SEC 1	NUMBER EXAMINED: 30 0 0 30 30 0 0 30								
--NASAL MUCOSA (RESPIRATORY): GOBLET CELL HYPERTROPHY/HYPERPLASIA	1>	1	0	0	2	0	0	0	0
TL>	1	0	0	2	0	0	0	0	0
--ODONTOPATHY	1>	1	0	0	1	1	0	0	0
TL>	1	0	0	1	1	0	0	0	0
--VOMERONASAL ORGAN: EOSINOPHILIC MATERIAL	1>	1	0	0	0	1	0	0	0
TL>	1	0	0	0	1	0	0	0	0
--NASOLACRIMAL DUCT: EXUDATE	2>	0	0	0	0	1	0	0	0
TL>	0	0	0	0	1	0	0	0	0
--NASAL LUMEN: EXUDATE	3>	0	0	0	0	1	0	0	0
TL>	0	0	0	0	1	0	0	0	0
--NASAL MUCOSA (VESTIBULAR): SUBACUTE (CHRONIC ACTIVE)/	1>	0	0	0	1	0	0	0	0
CHRONIC INFLAMMATION	TL>	0	0	0	1	0	0	0	0
NOSE/TURB SEC 2	NUMBER EXAMINED: 30 0 0 30 30 0 0 30								
--NASAL LUMEN: FREE ERYTHROCYTES	TL>	0	0	0	0	0	0	0	0
--NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS	1>	0	0	0	3	1	0	0	1
TL>	0	0	0	3	1	0	0	1	1
--NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/	1>	0	0	0	4	0	0	0	1
CHRONIC INFLAMMATION	4>	0	0	0	0	1	0	0	0
5>	0	0	0	0	1	0	0	0	0
TL>	0	0	0	4	2	0	0	1	1
--ODONTOPATHY	1>	2	0	0	2	1	0	0	0
2>	1	0	0	0	0	0	0	0	0
TL>	3	0	0	2	1	0	0	0	0
--VOMERONASAL ORGAN: FREE ERYTHROCYTES	1>	2	0	0	3	0	0	0	0
TL>	2	0	0	3	0	0	0	0	0

** CONTINUED ON NEXT PAGE **

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 27

STUDY NUMBER: 964080A

--- NUMBER - OF - ANIMALS - AFFECTED ---

TABLE INCLUDES:

SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL
 DEATH=ALL;FIND=ALL;SUBSET=T

TABLE INCLUDES:		SEX: -----MALE-----				-----FEMALE-----				
SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL		GROUP: -1- -2- -3- -4-				-1- -2- -3- -4-				
DEATH=ALL;FIND=ALL;SUBSET=T										
ORGAN/TISSUE EXAMINED		NUMBER:	30	30	30	30	30	29	30	30
-----		---	---	---	---	---	---	---	---	---
** FROM PREVIOUS PAGE **										
NOSE/TURB SEC 2		NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES		1>	2	0	0	2	2	0	0	2
		2>	0	0	0	0	0	0	0	3
		TL>	2	0	0	2	2	0	0	5
--VOMERONASAL ORGAN: EOSINOPHILIC MATERIAL		1>	3	0	0	0	1	0	0	1
		TL>	3	0	0	0	1	0	0	1
--VOMERONASAL ORGAN: EXUDATE		1>	0	0	0	0	0	0	0	1
		TL>	0	0	0	0	0	0	0	1
--NASOLACRIMAL DUCT: EXUDATE		1>	0	0	0	1	0	0	0	0
		3>	0	0	0	0	1	0	0	0
		4>	0	0	0	0	1	0	0	0
		TL>	0	0	0	1	2	0	0	0
NOSE/TURB SEC 3		NUMBER EXAMINED:	30	0	0	30	30	0	0	30
--NASAL LUMEN: FREE ERYTHROCYTES		1>	1	0	0	1	0	0	0	0
		2>	0	0	0	0	1	0	0	1
		3>	0	0	0	1	0	0	0	0
		TL>	1	0	0	2	1	0	0	1
--NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTEPLASMIC EOSINOPHILIC MATERIAL		1>	8	0	0	3	7	0	0	4
		TL>	8	0	0	3	7	0	0	4
--NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION		1>	2	0	0	0	1	0	0	0
		2>	0	0	0	0	1	0	0	0
		4>	0	0	0	0	1	0	0	0
		TL>	2	0	0	0	3	0	0	0
--NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA		1>	13	0	0	8	8	0	0	8
		2>	0	0	0	0	2	0	0	0
		3>	0	0	0	0	1	0	0	0
		TL>	13	0	0	8	11	0	0	8
--NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL		1>	2	0	0	1	0	0	0	0
		TL>	2	0	0	1	0	0	0	0

** CONTINUED ON NEXT PAGE **

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 28

STUDY NUMBER: 964080A

--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---									
TABLE INCLUDES: SEX=ALL;GROUP=ALL;SCREEN=ALL;WEEKS=ALL DEATH=ALL;FIND=ALL;SUBSET=T	SEX: -----MALE-----				-----FEMALE-----				ORGAN/TISSUE EXAMINED
	GROUP: -1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-	
	NUMBER:	30	30	30	30	29	30	30	
** FROM PREVIOUS PAGE **									
NOSE/TURB SEC 3	NUMBER EXAMINED:	30	0	0	30	0	0	30	
--NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES	1>	0	0	0	0	0	0	0	
	2>	0	0	0	0	0	0	1	
	TL>	1	0	0	1	0	0	1	
--NASOLACRIMAL DUCT: EXUDATE	1>	0	0	0	0	1	0	0	
	3>	0	0	0	0	1	0	0	
	TL>	0	0	0	0	2	0	0	
NOSE/TURB SEC 4	NUMBER EXAMINED:	30	0	0	30	0	0	30	
--NASAL LUMEN: FREE ERYTHROCYTES	1>	2	0	0	0	1	0	0	
	2>	1	0	0	0	0	0	0	
	3>	0	0	0	1	1	0	1	
	TL>	3	0	0	1	2	0	2	
--NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL	1>	18	0	0	9	11	0	10	
	2>	1	0	0	1	3	0	0	
	TL>	19	0	0	10	14	0	10	
--NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION	TL>	0	0	0	0	0	0	0	
--NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL	1>	3	0	0	6	1	0	3	
	TL>	3	0	0	6	1	0	3	
URETHRA	NUMBER EXAMINED:	3	0	0	0	0	0	0	
--SEMINAL COAGULUM	1>	2	0	0	0	0	0	0	
	TL>	2	0	0	0	0	0	0	
--INFLAMMATION, SUBACUTE	2>	1	0	0	0	0	0	0	
	TL>	1	0	0	0	0	0	0	
MESENTERIC LN	NUMBER EXAMINED:	1	0	0	0	0	0	0	
--LYMPHOID HYPERPLASIA	2>	1	0	0	0	0	0	0	
	TL>	1	0	0	0	0	0	0	

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 MICROSCOPIC FINDINGS --- EXPANDED INCIDENCE SUMMARY

PRINTED: 29-APR-98
 PAGE: 29

STUDY NUMBER: 964080A

--- NUMBER - OF - ANIMALS - AFFECTED ---									
TABLE INCLUDES:									
SEX=ALL; GROUP=ALL; SCREEN=ALL; WEEKS=ALL									
DEATH=ALL; FIND=ALL; SUBSET=T									
SEX: -----MALE----- FEMALE-----									
GROUP: -1- -2- -3- -4- -1- -2- -3- -4-									
ORGAN/TISSUE EXAMINED									
NUMBER: 30 30 30 30 30 29 30 30									

PREPUT/CLIT GL NUMBER EXAMINED:									
--INFLAMMATION, SUBACUTE									
I> 1 0 0 0 0 0 0 0									
TL> 1 0 0 0 0 0 0 0									
SKIN NUMBER EXAMINED:									
EXTREMITY NUMBER EXAMINED:									
ADIPOSE TISSUE NUMBER EXAMINED:									
--ECTOPIC EPIDIDYMS									
3> 0 0 0 1 0 0 0 0									
TL> 0 0 0 1 0 0 0 0									
** END OF LIST **									

	Individual Animal Postmortem Findings Preface	Appendix Y
--	--	------------

Key to Abbreviations

U/	=	Unilateral
B/	=	Bilateral
R,(R)	=	Right
L,(L)	=	Left
W	=	With
TE	=	Testes
LN	=	Lymph Node
FALOP T	=	Fallopian Tubes
ASSOC	=	Associated
MFOC	=	Multifocal
SUBA	=	Subacute

Note

Unless otherwise specified in a histopathology note, the organ/tissue examined was the required (routine) section.

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 31

STUDY NUMBER: 964080

ANIMAL NUMBER: 1001 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 458.3 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMITIS	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL, MULTI-FOCAL -MINIMAL, MULTI-FOCAL HISTOPATHOLOGICAL COMMENT: -EXTRAMEDULLARY HEMATOPOIESIS -ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL) >INFLAMMATORY FOCI ASSOC W SINGLE CELL NECROSIS
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL -NASAL LUMEN: FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMITIS, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, PROSTATE GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 32

STUDY NUMBER: 964080

ANIMAL NUMBER: 1002 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 539.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR	
KIDNEYS	MICRO: HISTOPATHOLOGICAL COMMENT: >KIDNEY-L: IRREGULAR SHAPE/NMC
LIVER	GROSS: -IRREGULAR SHAPE -LEFT
LUNGS	MICRO: -MINIMAL, FOCAL -EXTRAMEDULLARY HEMATOPOIESIS
NOSE/TURB SEC 4	MICRO: -SLIGHT -CONGESTION
TRACHEA	MICRO: -MINIMAL -NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL
	MICRO: -MINIMAL, FOCAL -MUCOSA: MUCOSAL GLANDS-DILATED

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 33

STUDY NUMBER: 964080

ANIMAL NUMBER: 1003 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 493.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL	-NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS
NOSE/TURB SEC 3	MICRO: -MINIMAL -SLIGHT	-NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003305

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 34

STUDY NUMBER: 964080

ANIMAL NUMBER: 1004 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 560.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
GROSS/MICRO CORR	MICRO:	HISTOPATHOLOGICAL COMMENT: >THYMUS: DISCOLORED/HEMORRHAGE MFOC
KIDNEYS	MICRO: -MINIMAL, FOCAL	-U: PYELITIS, SUBACUTE
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL, FOCAL	-PULMONARY VESSELS: MINERAL DEPOSIT(S)
NOSE/TURB SEC 2	MICRO: -MODERATE -SLIGHT -MODERATE	-NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/ CHRONIC INFLAMMATION -VOMORONASAL ORGAN: EOSINOPHILIC MATERIAL -ODONTOPATHY
NOSE/TURB SEC 3	MICRO: -SLIGHT -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
THYMUS	GROSS: -DISCOLORED MICRO: -MINIMAL, MULTI-FOCAL	-RED -HEMORRHAGE(S)

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 35

STUDY NUMBER: 964080

ANIMAL NUMBER: 1005 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 545.1 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 1	MICRO: -MINIMAL, FOCAL	-VOMORONASAL ORGAN: FREE ERYTHROCYTES
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL -MINIMAL, FOCAL	-NASAL LUMEN: FREE ERYTHROCYTES -VOMORONASAL ORGAN: EOSINOPHILIC MATERIAL
NOSE/TURB SEC 3	MICRO: -SLIGHT	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 4, PITUITARY GLAND, SEMINAL VESICLES, TESTES,
 TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003307

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 36

STUDY NUMBER: 964080

ANIMAL NUMBER: 1006 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 433.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
EPIDIDYIMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
KIDNEYS	MICRO: -MINIMAL, FOCAL -DILATED TUBULES
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -ACUTE/SUBACUTE INFLAMMATION -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	MICRO: -MODERATE -NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/ -MODERATE CHRONIC INFLAMMATION -ODONTOPATHY
NOSE/TURB SEC 3	MICRO: -SLIGHT -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -SLIGHT -NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/ CHRONIC INFLAMMATION

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 4, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

PRINTED: 29-APR-98
PAGE: 37

ANIMAL NUMBER: 1007	SEX: MALE	DOSE GROUP: 1	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97	STUDY DAY OF DEATH: 112	STUDY WEEK OF DEATH: 16	TERMINAL BODY WEIGHT: 447.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
TRACHEA	-MUCOSA: MUCOSAL GLANDS-DILATED

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
PROSTATE GLAND, SEMINAL VESICLES, TESTES

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 38

STUDY NUMBER: 964080

ANIMAL NUMBER: 1008 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 501.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -SLIGHT -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 39

STUDY NUMBER: 964080

ANIMAL NUMBER: 1009 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 546.8 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT	
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: INFILTRATES, SUBACUTE
LUNGS	MICRO: -MINIMAL, MULTI-FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
PROSTATE GLAND	MICRO: -MINIMAL, MULTI-FOCAL	-ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LIVER, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4,
 PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 40

STUDY NUMBER: 964080

ANIMAL NUMBER: 1010 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 425.3 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
 ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

EPIDIDYMIDES
 MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
 EYES
 GROSS: -OPACITY -RIGHT LENS: FOCAL OPACITY
 GROSS/MICRO CORR
 MICRO: HISTOPATHOLOGICAL COMMENT: >SKIN: SORE VENTRAL CERVICAL/ULCERATIVE DERMATITIS
 EYE-R: OPACITY/NMC
 NOSE/TURB SEC 1
 MICRO: -MINIMAL, FOCAL -VOMORONASAL ORGAN: FREE ERYTHROCYTES
 -MINIMAL, FOCAL -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
 NOSE/TURB SEC 3
 MICRO: -MINIMAL -NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/
 CHRONIC INFLAMMATION
 -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL
 NOSE/TURB SEC 4
 MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL
 SKIN
 GROSS: -SCAB(S)/SORE(S) -SORE, VENTRAL CERVICAL: TAN
 MICRO: -MODERATE, FOCAL -ULCERATIVE DERMATITIS

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, EYES, KIDNEYS, LIVER, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 41

STUDY NUMBER: 964080

ANIMAL NUMBER: 1011 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 426.2 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
KIDNEYS	MICRO: -MINIMAL, FOCAL -CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -ACUTE/SUBACUTE INFLAMMATION -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
MAMMARY GLANDS	MICRO: -TISSUE MISSING
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL -VOMERONASAL ORGAN: FREE ERYTHROCYTES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, NOSE/TURB SEC 4, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 42

STUDY NUMBER: 964080

ANIMAL NUMBER: 1012 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 574.0 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	HISTOPATHOLOGICAL COMMENT	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT:	>ONE PRESENT
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL		-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL		-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL		-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 43

STUDY NUMBER: 964080

ANIMAL NUMBER: 1013 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 488.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -SLIGHT -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL -LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

PRINTED: 29-APR-98
PAGE: 44

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 1014 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 493.6 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S * * *		GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION		
EPIDIDYIMIDES		HISTOPATHOLOGICAL COMMENT: >ONE PRESENT	
KIDNEYS			
LIVER		-CORTEX: INFILTRATES, SUBACUTE	
NOSE/TURB SEC 2		-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)	
NOSE/TURB SEC 3		-NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS	
		-NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION	
PITUITARY GLAND			
PROSTATE GLAND		-PARS INTERMEDIA: CYST(S)	
		-ALVEOLAR LUMENS: CORPORA ANYLACIA/MINERALIZED GRANULES	

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
COAGULATING GL, EPIDIDYIMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 4, SEMINAL VESICLES, TESTES,
TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 45

STUDY NUMBER: 964080

ANIMAL NUMBER: 1015 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 493.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	MICRO: -MINIMAL, FOCAL	-U: PYELITIS, SUBACUTE
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -SLIGHT	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL, FOCAL	-INTERSTITIUM: MINERAL DEPOSIT(S)/OSSEOUS METAPLASIA
MAMMARY GLANDS	MICRO: -TISSUE MISSING	
NOSE/TURB SEC 1	MICRO: -SLIGHT, FOCAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 2	MICRO: -SLIGHT	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003317

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 46

STUDY NUMBER: 964080

ANIMAL NUMBER: 1016 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 570.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -SLIGHT	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	MICRO: -MINIMAL	-VOMORONASAL ORGAN: EOSINOPHILIC MATERIAL
NOSE/TURB SEC 3	MICRO: -MINIMAL -SLIGHT	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, PROSTATE GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 47

STUDY NUMBER: 964080

ANIMAL NUMBER: 1017 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 535.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL, FOCAL -LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)
NOSE/TURB SEC 2	MICRO: -MINIMAL -VOMORONASAL ORGAN: EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, NOSE/TURB SEC 4,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 48

STUDY NUMBER: 964080

ANIMAL NUMBER: 1018 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 18 TERMINAL BODY WEIGHT: 486.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -SLIGHT -ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL, FOCAL -PULMONARY VESSELS: MINERAL DEPOSIT(S)
NOSE/TURB SEC 3	MICRO: -MINIMAL, FOCAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM DEGENERATION
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACITOPLASMIC EOSINOPHILIC MATERIAL
PITUITARY GLAND	MICRO: -MINIMAL, FOCAL -PARS DISTALIS: CYSTS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PROSTATE GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 49

STUDY NUMBER: 964080

ANIMAL NUMBER: 1019 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 499.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 1	MICRO: -MINIMAL, FOCAL -NASAL MUCOSA (RESPIRATORY): ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 2	MICRO: -MINIMAL -NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION
NOSE/TURB SEC 3	MICRO: -MINIMAL, FOCAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL -ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 50

STUDY NUMBER: 964080

ANIMAL NUMBER: 1020 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 516.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL, FOCAL -LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)
NOSE/TURB SEC 2	MICRO: -SLIGHT, FOCAL -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL -LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, SEMINAL VESICLES, TESTES,
 TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 51

STUDY NUMBER: 964080

ANIMAL NUMBER: 1021 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 482.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL / -ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 1	MICRO: -SLIGHT, FOCAL / -ODONTOPATHY
NOSE/TURB SEC 2	MICRO: -SLIGHT / -ODONTOPATHY
NOSE/TURB SEC 3	MICRO: -MINIMAL / -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
	-SLIGHT / -NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/
	CHRONIC INFLAMMATION
NOSE/TURB SEC 4	MICRO: -SLIGHT / -NASAL LUMEN: FREE ERYTHROCYTES
	-MINIMAL / -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
	EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 52

STUDY NUMBER: 964080

ANIMAL NUMBER: 1022 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 529.6 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	MICRO: -MINIMAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, NOSE/TURB SEC 4,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003324

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 53

STUDY NUMBER: 964080

ANIMAL NUMBER: 1023 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 451.8 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	HISTOPATHOLOGICAL COMMENT	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT:	>ONE PRESENT
LIVER	MICRO: -MINIMAL		-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 4	MICRO: -MINIMAL		-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-MINIMAL		-NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 54

STUDY NUMBER: 964080

ANIMAL NUMBER: 1024 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 469.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -SLIGHT	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 1	MICRO: -MINIMAL	-VOMORONASAL ORGAN: FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PITUITARY GLAND	MICRO: -MINIMAL, FOCAL	-PARS DISTALIS: CYSTS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 2, PROSTATE GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 55

STUDY NUMBER: 964080

ANIMAL NUMBER: 1025 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 511.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL, FOCAL -NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/ CHRONIC INFLAMMATION -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTEPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTEPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 56

STUDY NUMBER: 964080

ANIMAL NUMBER: 1026 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 456.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	MICRO: -SLIGHT -MINIMAL	-NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/ CHRONIC INFLAMMATION -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003328

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 57

STUDY NUMBER: 964080

ANIMAL NUMBER: 1027 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 454.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
KIDNEYS	MICRO: -MINIMAL, FOCAL -CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 58

STUDY NUMBER: 964080

ANIMAL NUMBER: 1028 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 496.7 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL -MINIMAL, FOCAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -MINIMAL, FOCAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MODERATE, MULTI-FOCAL -LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003330

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 59

STUDY NUMBER: 964080

ANIMAL NUMBER: 1029 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 489.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 60

STUDY NUMBER: 964080

ANIMAL NUMBER: 1030 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 480.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	
MICRO: -MINIMAL, FOCAL	-MEDULLA: CYST
LIVER	
MICRO: -MINIMAL, MULTI-FOCAL	-ACUTE/SUBACUTE INFLAMMATION
MICRO: -MINIMAL	-HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	
MICRO: -MINIMAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	
MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	
MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 61

STUDY NUMBER: 964080

ANIMAL NUMBER: 2001 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 543.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL, FOCAL -EXTRAMEDULLARY HEMATOPOIESIS -ACUTE/SUBACUTE INFLAMMATION

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 62

STUDY NUMBER: 964080

ANIMAL NUMBER: 2002 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 451.9 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER MICRO: -MINIMAL, FOCAL -EXTRAMEDULLARY HEMATOPOIESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003334

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 63

STUDY NUMBER: 964080

ANIMAL NUMBER: 2003 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 536.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 2004	DOSE GROUP: 2	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97	STUDY DAY OF DEATH: 112	STUDY WEEK OF DEATH: 16
		TERMINAL BODY WEIGHT: 619.7 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	HISTOPATHOLOGIC FINDINGS
KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS	

LIVER MICRO: -MINIMAL, FOCAL
 -SLIGHT
 -EXTRAMEDULLARY HEMATOPOIETIS
 -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 65

STUDY NUMBER: 964080

ANIMAL NUMBER: 2005 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 495.5 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***
KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	
MICRO: -MINIMAL, FOCAL	-EXTRAMEDULLARY HEMATOPOIESIS
-MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

PRINTED: 29-APR-98
PAGE: 66

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 2006 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 493.0 GRAMS

ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION * * * P A T H O L O G Y O B S E R V A T I O N S * * *
LIVER MICRO: -MINIMAL, FOCAL GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

-EXTRAMEDULLARY HEMATOPOIESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 67

STUDY NUMBER: 964080

ANIMAL NUMBER: 2007 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 549.6 GRAMS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

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PRINTED: 29-APR-98
PAGE: 68

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 2008 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 560.2 GRAMS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

ANIMAL NUMBER: 2009	SEX: MALE	DOSE GROUP: 2	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97	STUDY DAY OF DEATH: 113	STUDY WEEK OF DEATH: 17	TERMINAL BODY WEIGHT: 535.6 GRAMS
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	*** PATHOLOGY OBSERVATIONS ***	
EYES	GROSS: -OPACITY	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS	
		-LEFT CORNEA: FOCAL, MINIMAL	

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 70

STUDY NUMBER: 964080

ANIMAL NUMBER: 2010 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 441.7 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 71

STUDY NUMBER: 964080

ANIMAL NUMBER: 2011 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 437.4 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***
KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	
MICRO: -MINIMAL, FOCAL	-EXTRAMEDULLARY HEMATOPOIESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003343

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 72

STUDY NUMBER: 964080

ANIMAL NUMBER: 2012 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: NOT ENTERED

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 73

STUDY NUMBER: 964080

ANIMAL NUMBER: 2013 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 483.9 GRAMS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 74

STUDY NUMBER: 964080

ANIMAL NUMBER: 2014 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 495.0 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-EXTRAMEDULLARY HEMATOPOIESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003346

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 75

STUDY NUMBER: 964080

ANIMAL NUMBER: 2015 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 471.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 76

STUDY NUMBER: 964080

ANIMAL NUMBER: 2016 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 511.9 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
ADIPOSE TISSUE	GROSS: -NODULE(S)/MASS(ES)	-NODULE, ABDOMINAL: 0.2 X 0.4 CM, TAN, FIRM
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 77

STUDY NUMBER: 964080

ANIMAL NUMBER: 2017 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 535.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EYES	GROSS: -OPACITY	-LEFT CORNEA: FOCAL, MINIMAL
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 28-APR-98
PAGE: 78

STUDY NUMBER: 964080

ANIMAL NUMBER: 2018 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 588.4 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003350

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 79

STUDY NUMBER: 964080

ANIMAL NUMBER: 2019	SEX: MALE	DOSE GROUP: 2	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97	STUDY DAY OF DEATH: 112	STUDY WEEK OF DEATH: 16	TERMINAL BODY WEIGHT: 538.7 GRAMS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98

PAGE: 80

STUDY NUMBER: 964080

ANIMAL NUMBER: 2020 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 526.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER MICRO: -MINIMAL, FOCAL -EXTRAMEDULLARY HEMATOPOIESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

PRINTED: 29-APR-98
PAGE: 81

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 2021	SEX: MALE	DOSE GROUP: 2	SACRIFICE STATUS: SCHEDULED	TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97	STUDY DAY OF DEATH: 112	STUDY WEEK OF DEATH: 16	TERMINAL BODY WEIGHT: 503.0 GRAMS	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	*** PATHOLOGY OBSERVATIONS ***		
GROSS/MICRO CORR	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS			
LIVER	MICRO:	HISTOPATHOLOGICAL COMMENT: >LIVER: NODULE/MASS ACC LOBE/MNC		
TESTES	GROSS: -NODULE(S)/MASS(ES)	-MASS, ACCESSORY LOBE: 4.0 CM DIA		
	MICRO: -MINIMAL, FOCAL	-EXTRAMEDULLARY HEMATOPOIESIS		
	GROSS: -ENLARGED, SLIGHT	-LEFT		
KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER				

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 82

STUDY NUMBER: 964080

ANIMAL NUMBER: 2022 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 598.5 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS *** KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-EXTRAMEDULLARY HEMATOPOIESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 83

STUDY NUMBER: 964080

ANIMAL NUMBER: 2023 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 523.2 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -SLIGHT	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 84

STUDY NUMBER: 964080

ANIMAL NUMBER: 2024 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: UNSCHEDULED (D)
 DATE OF DEATH: 04/26/97 STUDY DAY OF DEATH: 110 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 405.3 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EXTREMITY	GROSS: -SWOLLEN, SLIGHT	-RIGHT HINDPAW
KIDNEYS	GROSS: -ENLARGED, SLIGHT -DILATATION	-BOTH -RIGHT PELVIS: EXTREME; LEFT PELVIS: MODERATE
URINARY BLADDER	GROSS: -DISTENDED, SEVERE	-WITH THIN RED FLUID

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

PRINTED: 29-APR-98
PAGE: 85

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 2025 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 521.8 GRAMS

ORGAN NAME *** PATHOLOGY OBSERVATIONS ***
KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS HISTOPATHOLOGIC FINDINGS

LIVER MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98

PAGE: 86

STUDY NUMBER: 964080

ANIMAL NUMBER: 2026 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 631.8 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -SLIGHT	-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 87

STUDY NUMBER: 964080

ANIMAL NUMBER: 2027 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 431.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EXTREMITY	GROSS: -HAIR ABSENT/THIN, SLIGHT	-HAIR ABSENT, BOTH FOREPAWS
LIVER	MICRO: -MINIMAL, FOCAL	-EXTRAMEDULLARY HEMATOPOIESIS

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 88

STUDY NUMBER: 964080

ANIMAL NUMBER: 2028 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 490.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
SEMINAL VESICLES	GROSS: -SMALL, MODERATE -LEFT HORN

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 89

STUDY NUMBER: 964080

ANIMAL NUMBER: 2029	SEX: MALE	DOSE GROUP: 2	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97	STUDY DAY OF DEATH: 113	STUDY WEEK OF DEATH: 17	TERMINAL BODY WEIGHT: 439.2 GRAMS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 90

STUDY NUMBER: 964080

ANIMAL NUMBER: 2030 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 529.5 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 91

STUDY NUMBER: 964080

ANIMAL NUMBER: 3001 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 493.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 92

STUDY NUMBER: 964080

ANIMAL NUMBER: 3002 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 561.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003364

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 93

STUDY NUMBER: 964080

ANIMAL NUMBER: 3003 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 515.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-PELIOSIS HEPATIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 94

STUDY NUMBER: 964080

ANIMAL NUMBER: 3004 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 531.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER
MICRO: -MINIMAL, FOCAL
-MINIMAL
-ACUTE/SUBACUTE INFLAMMATION
-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 95

STUDY NUMBER: 964080

ANIMAL NUMBER: 3005 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 552.6 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 96

STUDY NUMBER: 964080

ANIMAL NUMBER: 3006 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 490.8 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	GROSS: -DILATATION, MODERATE	-RIGHT PELVIS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 97

STUDY NUMBER: 964080

ANIMAL NUMBER: 3007 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 18 TERMINAL BODY WEIGHT: 541.1 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS *** KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 98

STUDY NUMBER: 964080

ANIMAL NUMBER: 3008 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 533.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL
	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 99

STUDY NUMBER: 964080

ANIMAL NUMBER: 3009 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 564.0 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EARS	GROSS: -SWOLLEN, MODERATE	-BOTH
LIVER	MICRO: -MINIMAL -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003371

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 100

STUDY NUMBER: 964080

ANIMAL NUMBER: 3010 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 439.3 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 101

STUDY NUMBER: 964080

ANIMAL NUMBER: 3011 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 522.4 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 103

STUDY NUMBER: 964080

ANIMAL NUMBER: 3013 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 512.2 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -PELIOSIS HEPATIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 104

STUDY NUMBER: 964080

ANIMAL NUMBER: 3014 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 542.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003376

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 105

STUDY NUMBER: 964080

ANIMAL NUMBER: 3015 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 501.4 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

PRINTED: 29-APR-98
PAGE: 106
STUDY NUMBER: 964080

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

ANIMAL NUMBER: 3016	SEX: MALE	DOSE GROUP: 3	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97	STUDY DAY OF DEATH: 112	STUDY WEEK OF DEATH: 16	TERMINAL BODY WEIGHT: 511.8 GRAMS
ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL		-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 107

STUDY NUMBER: 964080

ANIMAL NUMBER: 3017 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 525.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL, FOCAL -MINIMAL -EXTRAMEDULLARY HEMATOPOIESIS -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 108

STUDY NUMBER: 964080

ANIMAL NUMBER: 3018 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 562.4 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER MICRO: -MINIMAL, FOCAL
 -MINIMAL -ACUTE/SUBACUTE INFLAMMATION
 -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 109

STUDY NUMBER: 964080

ANIMAL NUMBER: 3019 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 564.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 110

STUDY NUMBER: 964080

ANIMAL NUMBER: 3020 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 473.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -MINIMAL	-HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCTYES CENTRIOLOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 111

STUDY NUMBER: 964080

ANIMAL NUMBER: 3021 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 523.0 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -SLIGHT	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 112

STUDY NUMBER: 964080

ANIMAL NUMBER: 3022 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 453.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 113

STUDY NUMBER: 964080

ANIMAL NUMBER: 3023 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 495.8 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER MICRO: -MINIMAL -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 114

STUDY NUMBER: 964080

ANIMAL NUMBER: 3024 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 479.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 115

STUDY NUMBER: 964080

ANIMAL NUMBER: 3025 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 521.5 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003387

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 116
 STUDY NUMBER: 964080

ANIMAL NUMBER: 3026 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 371.3 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	GROSS: -CALCULUS(CALCULI), MODERATE	-BOTH PELVES
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
URINARY BLADDER	GROSS: -CALCULUS(CALCULI), SEVERE	

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 117

STUDY NUMBER: 964080

ANIMAL NUMBER: 3027 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 489.4 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOBLULAR: HYPERTROPHY

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003389

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 118

STUDY NUMBER: 964080

ANIMAL NUMBER: 3028 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 456.8 GRAMS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 119

STUDY NUMBER: 964080

ANIMAL NUMBER: 3029 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 513.3 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	*** PATHOLOGY OBSERVATIONS *** GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003391

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98

PAGE: 120

STUDY NUMBER: 964080

ANIMAL NUMBER: 3030 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 513.1 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
TESTES	GROSS: -SMALL, MODERATE	-BOTH

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 121

STUDY NUMBER: 964080

ANIMAL NUMBER: 4001 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 481.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 122

STUDY NUMBER: 964080

ANIMAL NUMBER: 4002 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 568.3 GRAMS

*** PATHOLOGY OBSERVATIONS ***		GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION		
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT	
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: INFILTRATES, SUBACUTE	
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY	
MAMMARY GLANDS	MICRO: -TISSUE MISSING		
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL	
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL	
PROSTATE GLAND	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL, FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S) -ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES	
TESTES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT	

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND, SEMINAL VESICLES, TESTES,
 TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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 003394

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 123

STUDY NUMBER: 964080

ANIMAL NUMBER: 4003 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 562.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
KIDNEYS	MICRO: -MINIMAL, MULTI-FOCAL -INTERSTITIAL NEPHRITIS SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION -MINIMAL -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL) -MINIMAL -HEPATOCTYES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003395

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 124

STUDY NUMBER: 964080

ANIMAL NUMBER: 4004 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 538.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: -TISSUE MISSING	
GROSS/MICRO CORR	MICRO:	HISTOPATHOLOGICAL COMMENT: >LN MEDIASTINAL: DISCOLORED/HEMORRHAGE
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
MEDIASTINAL LN	GROSS: -DISCOLORED MICRO: -SLIGHT	-RED -HEMORRHAGE(S)
NOSE/TURB SEC 3	MICRO: -MINIMAL -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)
TESTES	MICRO: -TISSUE MISSING	

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND, SEMINAL VESICLES,
 TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 125

STUDY NUMBER: 964080

ANIMAL NUMBER: 4005 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 465.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
NOSE/TURB SEC 1	MICRO: -MINIMAL -SLIGHT	-ODONTOPATHY -NASAL MUCOSA (RESPIRATORY): GOBLET CELL HYPERTROPHY/HYPERPLASIA
NOSE/TURB SEC 2	MICRO: -MINIMAL	-ODONTOPATHY
NOSE/TURB SEC 3	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 126

STUDY NUMBER: 964080

ANIMAL NUMBER: 4006 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/26/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 536.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOBLULAR: HYPERTROPHY
MAMMARY GLANDS	MICRO: -TISSUE MISSING	

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3, NOSE/TURB SEC 4,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 127

STUDY NUMBER: 964080

ANIMAL NUMBER: 4007 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 518.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: -TISSUE MISSING
KIDNEYS	MICRO: -MINIMAL, FOCAL -CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 1	MICRO: -MINIMAL -ODONTOPATHY
NOSE/TURB SEC 2	MICRO: -MINIMAL -NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS -ODONTOPATHY
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL -ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES
TESTES	MICRO: -TISSUE MISSING

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, LUNGS, MAMMARY GLANDS, PITUITARY GLAND, SEMINAL VESICLES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 128

STUDY NUMBER: 964080

ANIMAL NUMBER: 4008 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 530.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES		
	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
GROSS/MICRO CORR		
	MICRO:	HISTOPATHOLOGICAL COMMENT: >TESTES-L: ENLARGED/TUBULAR DEGENERATION
LIVER		
	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
	-MINIMAL	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
LUNGS		
	MICRO: -MINIMAL, FOCAL	-PULMONARY VESSELS: MINERAL DEPOSIT(S)
NOSE/TURB SEC 4		
	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
		EOSINOPHILIC MATERIAL
	-MINIMAL	-NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL
TESTES		
	GROSS: -ENLARGED, MODERATE	-LEFT
	MICRO: -MODERATE	-U: TUBULAR DEGENERATION
	-MODERATE	-REDUCED SPERMATOGENESIS

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 129

STUDY NUMBER: 964080

ANIMAL NUMBER: 4009 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 477.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL, MULTI-FOCAL -MINIMAL -EXTRANEDULLARY HEMATOPOIESIS -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PITUITARY GLAND	MICRO: -MINIMAL, FOCAL -PARS DISTALIS: CYSTS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

ANIMAL NUMBER: 4010 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 476.3 GRAMS

*** PATHOLOGY OBSERVATIONS ***
 KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

EPIDIDYMIDES MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
 KIDNEYS MICRO: -MINIMAL, FOCAL -CORTEX: INFILTRATES, SUBACUTE
 LIVER MICRO: -MINIMAL, MULTI-FOCAL -ACUTE/SUBACUTE INFLAMMATION
 -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
 NOSE/TURB SEC 4 MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98

PAGE: 131

STUDY NUMBER: 964080

ANIMAL NUMBER: 4011 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 595.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
KIDNEYS	MICRO: -MINIMAL, FOCAL -DILATED TUBULES
LIVER	MICRO: -SLIGHT, MULTI-FOCAL -ACUTE/SUBACUTE INFLAMMATION -MINIMAL -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOLASMIC -MINIMAL EOSINOPHILIC MATERIAL -NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 132

STUDY NUMBER: 964080

ANIMAL NUMBER: 4012 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 543.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***
 ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

EPIDIDYMIDES MICRO: HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
 LIVER MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION
 -MINIMAL -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
 NOSE/TURB SEC 3 MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL
 NOSE/TURB SEC 4 MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL
 PROSTATE GLAND MICRO: -SLIGHT, MULTI-FOCAL -LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 133

STUDY NUMBER: 964080

ANIMAL NUMBER: 4013 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 566.4 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIIDYIMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4,
 PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 134

STUDY NUMBER: 964080

ANIMAL NUMBER: 4014 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 505.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 135

STUDY NUMBER: 964080

ANIMAL NUMBER: 4015 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 483.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL
NOSE/TURB SEC 4	MICRO: -MINIMAL
	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY -NASAL LUMEN: FREE ERYTHROCYTES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 136

STUDY NUMBER: 964080

ANIMAL NUMBER: 4016 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 549.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR		
	MICRO: HISTOPATHOLOGICAL COMMENT:	>KIDNEYS: DILATATION/PELVIS DILATED PROSTATE: DISCOLORED/ACUTE/SUBA INFLAMMATION
KIDNEYS	GROSS: -DILATATION, MODERATE MICRO: -MINIMAL, FOCAL -MINIMAL, FOCAL -MODERATE	-BOTH PELVES -U: PYELITIS, SUBACUTE -INTERSTITIAL NEPHRITIS SUBACUTE -PELVIS DILATED
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTYES CENTRILOBULAR: HYPERTROPHY
MAMMARY GLANDS	MICRO: -TISSUE MISSING	
NOSE/TURB SEC 2	MICRO: -SLIGHT -MODERATE	-NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/ CHRONIC INFLAMMATION -ODONTOPATHY
PROSTATE GLAND	GROSS: -DISCOLORED-AREA(S), SLIGHT MICRO: -MODERATE, FOCAL	-0.3 X 0.8 CM, GREEN -ACUTE/SUBACUTE INFLAMMATION

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, NOSE/TURB SEC 4, PITUITARY GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 137

STUDY NUMBER: 964080

ANIMAL NUMBER: 4017 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 538.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMOIDES	MICRO: -SLIGHT	-U: OLIGOSPERMIA
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
NOSE/TURB SEC 2	MICRO: -MINIMAL	-NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
TESTES	MICRO: -SLIGHT, FOCAL -SLIGHT	-U: TUBULAR DEGENERATION -REDUCED SPERMATOGENESIS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 138

STUDY NUMBER: 964080

ANIMAL NUMBER: 4018 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 482.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***
 ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION
 -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
 -MINIMAL -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
 MAMMARY GLANDS MICRO: -TISSUE MISSING
 NOSE/TURB SEC 3 MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 138

STUDY NUMBER: 964080

ANIMAL NUMBER: 4018 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 482.0 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
MAMMARY GLANDS	MICRO: -TISSUE MISSING	
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 139

STUDY NUMBER: 964080

ANIMAL NUMBER: 4019 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 483.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL
NOSE/TURB SEC 2	MICRO: -MINIMAL
	-EXTRAMEDULLARY HEMATOPOIESIS -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, NOSE/TURB SEC 4,
 PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 140

STUDY NUMBER: 964080

ANIMAL NUMBER: 4020 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 527.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	MICRO: -MINIMAL -PELVIS DILATED
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION -MINIMAL -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY
NOSE/TURB SEC 2	MICRO: -MINIMAL -NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL
PITUITARY GLAND	MICRO: -MINIMAL, FOCAL -PARS DISTALIS: CYSTS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, PROSTATE GLAND, SEMINAL VESICLES
 , TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 141

STUDY NUMBER: 964080

ANIMAL NUMBER: 4021 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 525.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYMIDES	
LIVER	MICRO: -TISSUE MISSING
	MICRO: -MINIMAL
	-MINIMAL, FOCAL
	-MINIMAL
NOSE/TURB SEC 2	
NOSE/TURB SEC 3	MICRO: -SLIGHT
	MICRO: -MINIMAL
	-MINIMAL
NOSE/TURB SEC 4	
TESTES	MICRO: -SLIGHT
	MICRO: -TISSUE MISSING

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES,
 TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003414

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 142

STUDY NUMBER: 964080

ANIMAL NUMBER: 4022 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/28/97 STUDY DAY OF DEATH: 112 STUDY WEEK OF DEATH: 16 TERMINAL BODY WEIGHT: 461.2 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
KIDNEYS	MICRO: -MINIMAL, FOCAL
LIVER	MICRO: -MINIMAL, MULTI-FOCAL -MINIMAL
NOSE/TURB SEC 1	MICRO: -MINIMAL
NOSE/TURB SEC 2	MICRO: -MINIMAL
NOSE/TURB SEC 3	MICRO: -MINIMAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL
	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
	-CORTEX: CYST
	-NECROSIS, COAGULATION
	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
	-NASAL LUMEN: FREE ERYTHROCYTES
	-NASAL LUMEN: FREE ERYTHROCYTES
	-ALVEOLAR LUMENS: CORPORA AMYLACIA/MINERALIZED GRANULES

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 4, PITUITARY GLAND, SEMINAL VESICLES, TESTES,
 TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 143

STUDY NUMBER: 964080

ANIMAL NUMBER: 4023 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 439.4 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-HEPATOCYTES: BASOPHILIC FOCUS -HEPATOCYTES CENTRIOBLULAR: HYPERTROPHY
NOSE/TURB SEC 3	MICRO: -MINIMAL -MINIMAL	-NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 144

STUDY NUMBER: 964080

ANIMAL NUMBER: 4024 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 430.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY
NOSE/TURB SEC 2	MICRO: -MINIMAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PITUITARY GLAND	MICRO: -MINIMAL, FOCAL	-PARS DISTALIS: CYSTS

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, PROSTATE GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003417

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 145

STUDY NUMBER: 964080

ANIMAL NUMBER: 4025 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 523.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL
NOSE/TURB SEC 2	MICRO: -MINIMAL
NOSE/TURB SEC 4	MICRO: -MINIMAL
	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCTES CENTRIOLOBULAR: HYPERTROPHY -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003418

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 146

STUDY NUMBER: 964080

ANIMAL NUMBER: 4026 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 559.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
NOSE/TURB SEC 3	MICRO: -SLIGHT -MARKED -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND,
 PROSTATE GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003419

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 147

STUDY NUMBER: 964080

ANIMAL NUMBER: 4027 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 487.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
KIDNEYS	MICRO: -MINIMAL, FOCAL
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL
NOSE/TURB SEC 1	MICRO: -MINIMAL
NOSE/TURB SEC 3	MICRO: -SLIGHT
NOSE/TURB SEC 4	MICRO: -MINIMAL
	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
	-CORTEX: INFILTRATES, SUBACUTE
	-ACUTE/SUBACUTE INFLAMMATION
	-HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
	-NASOLACRIMAL DUCT(S): EOSINOPHILIC MATERIAL
	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 2, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES
 , TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 148

STUDY NUMBER: 964080

ANIMAL NUMBER: 4028 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 465.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES CENTRILOBULAR: HYPERTROPHY -HEPATOCTES: ACIDOPHILIC FOCUS
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOLASMIC EOSINOPHILIC MATERIAL
PROSTATE GLAND	MICRO: -MINIMAL, FOCAL	-LYMPHOID CELL INFILTRATE(S)/AGGREGATE(S)

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3,
 PITUITARY GLAND, SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 149

STUDY NUMBER: 964080

ANIMAL NUMBER: 4029 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 451.1 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EPIDIDYIMIDES	MICRO:	HISTOPATHOLOGICAL COMMENT: >ONE PRESENT
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
MAMMARY GLANDS	MICRO: -TISSUE MISSING	
NOSE/TURB SEC 3	MICRO: -SLIGHT -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL

*** ANIMAL HAS NO GROSS ABNORMALITIES OBSERVED ***

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYIMIDES, KIDNEYS, LUNGS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, PITUITARY GLAND, PROSTATE GLAND,
 SEMINAL VESICLES, TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 150

STUDY NUMBER: 964080

ANIMAL NUMBER: 4030 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 04/29/97 STUDY DAY OF DEATH: 113 STUDY WEEK OF DEATH: 17 TERMINAL BODY WEIGHT: 492.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EARS	GROSS: -SWOLLEN, MODERATE -DISCOLORED MICRO: -MODERATE -MODERATE
GROSS/MICRO CORR	HISTOPATHOLOGICAL COMMENT: >EARS: SWOLLEN, DISCOLORED/SUBA. CHRONIC INFLAMMATION
LIVER	MICRO: -MINIMAL -MINIMAL
NOSE/TURB SEC 1	MICRO: -MINIMAL
NOSE/TURB SEC 2	MICRO: -MINIMAL
NOSE/TURB SEC 3	MICRO: -MINIMAL
NOSE/TURB SEC 4	MICRO: -MINIMAL

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 COAGULATING GL, EPIDIDYMIDES, KIDNEYS, LUNGS, MAMMARY GLANDS, PITUITARY GLAND, PROSTATE GLAND, SEMINAL VESICLES,
 TESTES, TRACHEA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 151

STUDY NUMBER: 964080

ANIMAL NUMBER: 1501 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 310.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR		
KIDNEYS	MICRO: HISTOPATHOLOGICAL COMMENT: >KIDNEY (R): DILATATION/PELVIS DILATED	
	GROSS: -DILATATION, SEVERE	-RIGHT
	MICRO: -MARKED	-PELVIS DILATED
	-MODERATE	-PYELONEPHRITIS, SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
	-MINIMAL	-HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL, FOCAL	-PULMONARY VESSELS: MINERAL DEPOSIT(S)
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
	-MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-MINIMAL	-NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-LEFT: 6; RIGHT: 0

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, UTERUS,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 152

STUDY NUMBER: 964080

ANIMAL NUMBER: 1502 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 282.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
	-MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-MINIMAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
	-SLIGHT	-NASAL LUMEN: FREE ERYTHROCYTES
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL LUMEN: FREE ERYTHROCYTES
	-MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 6; LEFT: 6
	MICRO: -SLIGHT	-ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LIVER, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 153

STUDY NUMBER: 964080

ANIMAL NUMBER: 1503 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 297.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -SLIGHT -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
PITUITARY GLAND	MICRO: -MINIMAL, FOCAL -PARS INTERMEDIA: CYST(S)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -MINIMAL, FOCAL -RIGHT: 12; LEFT: 3 -ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CO RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 154

STUDY NUMBER: 964080

ANIMAL NUMBER: 1504 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 305.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 6; LEFT: 7 MICRO: -MINIMAL, FOCAL -ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 155

STUDY NUMBER: 964080

ANIMAL NUMBER: 1505 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 284.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -NECROSIS, COAGULATION
NOSE/TURB SEC 3	MICRO: -MINIMAL -MINIMAL -MINIMAL	-NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -MINIMAL, FOCAL	-RIGHT: 9; LEFT: 5 -ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 156

STUDY NUMBER: 964080

ANIMAL NUMBER: 1506 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 305.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
KIDNEYS	MICRO: -MINIMAL, FOCAL
LIVER	MICRO: -MINIMAL
NOSE/TURB SEC 2	MICRO: -MINIMAL
NOSE/TURB SEC 3	MICRO: -MINIMAL
NOSE/TURB SEC 4	MICRO: -MINIMAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -MINIMAL, FOCAL
	-CORTEX: INFILTRATES, SUBACUTE
	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
	-NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS
	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-RIGHT: 5; LEFT: 8
	-ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 157

STUDY NUMBER: 964080

ANIMAL NUMBER: 1507 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 06/03/97 STUDY DAY OF DEATH: 148 STUDY WEEK OF DEATH: 22 TERMINAL BODY WEIGHT: 298.0 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
LUNGS	MICRO: -MINIMAL	-PERIVASCULAR: EDEMA
NOSE/TURB SEC 3	MICRO: -SLIGHT	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -SLIGHT, FOCAL	-RIGHT: 8; LEFT: 5 -ENDOMETRIUM: HEMORRHAGE(S)

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 158

STUDY NUMBER: 964080

ANIMAL NUMBER: 1508 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 298.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
LUNGS	MICRO: -MINIMAL, FOCAL	-PULMONARY VESSELS: MINERAL DEPOSIT(S)
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	-MINIMAL, FOCAL	-NASAL MUCOSA (OLFACTORY): BASOPHILIC MATERIAL
	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 8; LEFT: 7
	MICRO: -MINIMAL	-ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 159

STUDY NUMBER: 964080

ANIMAL NUMBER: 1509 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 309.0 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - NOT PRESENT	

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, UTERUS,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 160

STUDY NUMBER: 964080

ANIMAL NUMBER: 1510 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 277.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EARS	GROSS: -SWOLLEN, SLIGHT -DISCOLORED, SLIGHT MICRO: -MODERATE -MINIMAL, FOCAL	-BOTH -BOTH: RED -SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION -NECROSIS CARTILAGE
GROSS/MICRO CORR	MICRO: HISTOPATHOLOGICAL COMMENT:	>EARS: SWOLLEN, DISCOLORED/INFLAMMATION SUBACUTE
KIDNEYS	MICRO: -MINIMAL, MULTI-FOCAL	-CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL	-VOMERONASAL ORGAN: FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 12; LEFT: 2

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, UTERUS,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 161

STUDY NUMBER: 964080

ANIMAL NUMBER: 1511 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 06/03/97 STUDY DAY OF DEATH: 148 STUDY WEEK OF DEATH: 22 TERMINAL BODY WEIGHT: 315.8 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL
NOSE/TURB SEC 3	MICRO: -MINIMAL
NOSE/TURB SEC 4	MICRO: -MINIMAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -SLIGHT, MULTI-FOCAL

GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

-ACUTE/SUBACUTE INFLAMMATION
 -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)

-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL

-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC
 EOSINOPHILIC MATERIAL

-RIGHT: 6; LEFT: 9
 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 162

STUDY NUMBER: 964080

ANIMAL NUMBER: 1512 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 276.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR		
	MICRO:	HISTOPATHOLOGICAL COMMENT: >PANCREAS: DISCOLORED/NMC THYMUS: DISCOLORED/CONGESTION
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: CYST
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
PANCREAS	GROSS: -DISCOLORED, SLIGHT	-RED
THYMUS	GROSS: -DISCOLORED, SLIGHT	-RED
	MICRO: -MINIMAL	-CONGESTION
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 4; LEFT: 11
	MICRO: -MINIMAL, FOCAL	-ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LIVER, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T, PANCREAS,
 PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 163

STUDY NUMBER: 964080

ANIMAL NUMBER: 1513 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 289.9 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	MICRO: -MINIMAL, FOCAL -MINIMAL -MEDULLA: CYST -PELVIS DILATED
NOSE/TURB SEC 2	MICRO: -MINIMAL -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -SLIGHT -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 4; LEFT: 0 MICRO: -MINIMAL, FOCAL -ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LIVER, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 164

STUDY NUMBER: 964080

ANIMAL NUMBER: 1514 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 306.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	MICRO: -MINIMAL, MULTI-FOCAL	-CALCIFIC GRANULES
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 2	MICRO: -MINIMAL	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (RESPIRATORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-SLIGHT	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
	-MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	-SLIGHT	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
	-MINIMAL, FOCAL	-NASAL MUCOSA (RESPIRATORY): BASOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 7; LEFT: 8
	MICRO: -MINIMAL, FOCAL	-ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003437

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 165

STUDY NUMBER: 964080

ANIMAL NUMBER: 1515 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 302.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
EARS	GROSS: -SWOLLEN, MODERATE -DISCOLORED, MODERATE MICRO: -MODERATE -MINIMAL, FOCAL -BOTH -BOTH: RED -SUBACUTE (CHRONIC ACTIVE)/CHRONIC INFLAMMATION -NECROSIS CARTILAGE
GROSS/MICRO CORR	MICRO: HISTOPATHOLOGICAL COMMENT: >EARS: SWOLLEN, DISCOLORED/SUBA, CHRONIC INFLAMMATION
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -MINIMAL -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -MINIMAL, FOCAL -RIGHT: 3; LEFT: 9 -ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 166

STUDY NUMBER: 964080

ANIMAL NUMBER: 1516 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 286.7 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
LUNGS	MICRO: -TISSUE MISSING	
NOSE/TURB SEC 3	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -SLIGHT, FOCAL	-RIGHT: 8; LEFT: 6 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 167

STUDY NUMBER: 964080

ANIMAL NUMBER: 1517 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 296.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL	-VOMERONASAL ORGAN: FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -SLIGHT -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 5; LEFT: 8

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, UTERUS, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 168

STUDY NUMBER: 964080

ANIMAL NUMBER: 1518 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 284.8 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL	-VOMERONASAL ORGAN: EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -MINIMAL, FOCAL	-RIGHT: 5; LEFT: 8 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LIVER, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 169

STUDY NUMBER: 964080

ANIMAL NUMBER: 1519 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: UNSCHEDULED (A)
 DATE OF DEATH: 05/23/97 STUDY DAY OF DEATH: 137 STUDY WEEK OF DEATH: 20 TERMINAL BODY WEIGHT: 320.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR	MICRO:	HISTOPATHOLOGICAL COMMENT: >TRACHEA: FLUID/MNC LUNGS: FLUID FILLED/HEMORRHAGE ALVEOLAR
KIDNEYS	MICRO: -MINIMAL, FOCAL	-CORTEX: INFILTRATES, SUBACUTE
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
LUNGS	GROSS: -FLUID FILLED, SLIGHT MICRO: -MINIMAL -MODERATE	-ALL LOBES -PERIVASCULAR: EDEMA -HEMORRHAGE ALVEOLAR
NOSE/TURB SEC 1	MICRO: -MINIMAL -SLIGHT	-VOMERONASAL ORGAN: FREE ERYTHROCYTES -NASAL LUMEN: FREE ERYTHROCYTES
NOSE/TURB SEC 2	MICRO: -MODERATE -MINIMAL -SLIGHT	-NASAL LUMEN: FREE ERYTHROCYTES -VOMERONASAL ORGAN: FREE ERYTHROCYTES -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 3	MICRO: -MODERATE	-NASAL LUMEN: FREE ERYTHROCYTES
TRACHEA	GROSS: -FLUID, SLIGHT	-LUMEN: WHITE, FROTHY
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -SLIGHT, FOCAL	-RIGHT: 8; LEFT: 9 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 MAMMARY GLANDS, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003442

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 170

STUDY NUMBER: 964080

ANIMAL NUMBER: 1520 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 271.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR		
NOSE/TURB SEC 3	MICRO: -SLIGHT	HISTOPATHOLOGICAL COMMENT: >THYMUS: DISCOLORED/CONGESTION
NOSE/TURB SEC 4	MICRO: -MINIMAL	-NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
PITUITARY GLAND	MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
THYMUS	GROSS: -DISCOLORED, SLIGHT MICRO: -MINIMAL	-PARS DISTALIS: CYSTS
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RED -CONGESTION
		-RIGHT: 5; LEFT: 6

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LIVER, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, TRACHEA, UTERUS,
 VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 171

STUDY NUMBER: 964080

ANIMAL NUMBER: 1521 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 06/05/97 STUDY DAY OF DEATH: 150 STUDY WEEK OF DEATH: 22 TERMINAL BODY WEIGHT: 279.3 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	
MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 2	
MICRO: -SLIGHT	-NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES
NOSE/TURB SEC 4	
MICRO: -MINIMAL	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	
GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 11; LEFT: 4
MICRO: -MINIMAL, FOCAL	-MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 172

STUDY NUMBER: 964080

ANIMAL NUMBER: 1522 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 283.3 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 2	MICRO: -MINIMAL -NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -SLIGHT -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 5; LEFT: 9 MICRO: -MINIMAL, FOCAL -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 173

STUDY NUMBER: 964080

ANIMAL NUMBER: 1523 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 358.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
KIDNEYS	MICRO: -MINIMAL, MULTI-FOCAL
LIVER	MICRO: -MINIMAL, FOCAL
NOSE/TURB SEC 2	MICRO: -SLIGHT
NOSE/TURB SEC 4	MICRO: -MINIMAL
UTERUS	GROSS: -IMPLANT SCARS - NOT PRESENT MICRO: -MINIMAL, FOCAL
	-INTERSTITIAL NEPHRITIS SUBACUTE -ACUTE/SUBACUTE INFLAMMATION -NASOLACRIMAL DUCT(S): FREE ERYTHROCYTES -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 174

STUDY NUMBER: 964080

ANIMAL NUMBER: 1524 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 292.1 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION
LUNGS	MICRO: -MINIMAL, FOCAL -SLIGHT -SLIGHT, FOCAL -PULMONARY VESSELS: MINERAL DEPOSIT(S) -HEMORRHAGE ALVEOLAR -PERIBRONCHIAL: LYMPHOCYTIC HYPERPLASIA
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 5; LEFT: 8 MICRO: -MODERATE, FOCAL -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T
 , PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 175

STUDY NUMBER: 964080

ANIMAL NUMBER: 1525 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 294.3 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
KIDNEYS	-DILATED TUBULES
LUNGS	-PERIBRONCHIAL: LYMPHOCYTIC HYPERPLASIA
NOSE/TURB SEC 2	-NASOLACRIMAL DUCT(S): INFLAMMATORY CELLS/CELL DEBRIS
NOSE/TURB SEC 4	-NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	-RIGHT: 10; LEFT: 6 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LIVER, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 3, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 176

STUDY NUMBER: 964080

ANIMAL NUMBER: 1526 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 277.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -SLIGHT, FOCAL -RIGHT: 9; LEFT: 2 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 3, NOSE/TURB SEC 4, OVARIES,
 OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 177

STUDY NUMBER: 964080

ANIMAL NUMBER: 1527 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 273.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
NOSE/TURB SEC 3	MICRO: -SLIGHT -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - NOT PRESENT MICRO: -MINIMAL, FOCAL -MINIMAL -MYOMETRIUM: BROWN PIGMENT -ENDOMETRIUM: INFILTRATES SUBACUTE

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 178

STUDY NUMBER: 964080

ANIMAL NUMBER: 1528 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 06/04/97 STUDY DAY OF DEATH: 149 STUDY WEEK OF DEATH: 22 TERMINAL BODY WEIGHT: 299.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
GROSS/MICRO CORR		
LUNGS	MICRO: HISTOPATHOLOGICAL COMMENT:	>LUNGS: NODULES/NMC
	GROSS: -NODULE(S)/MASS(ES)	-NODULES, ALL LOBES: 0.1 - 0.3 CM DIA, TAN
	MICRO: -MINIMAL, FOCAL	-PULMONARY VESSELS: MINERAL DEPOSIT(S)
	-MINIMAL	-PERIVASCULAR: EDEMA
	-SLIGHT, FOCAL	-PERIBRONCHIAL: LYMPHOCYTIC HYPERPLASIA
NOSE/TURB SEC 1		
	MICRO: -MINIMAL	-NASAL LUMEN: EXUDATE
NOSE/TURB SEC 2		
	MICRO: -MODERATE	-NASOLACRIMAL DUCT(S): MUCOSA-SUBACUTE (CHRONIC ACTIVE)/
	-SLIGHT	CHRONIC INFLAMMATION
	-SLIGHT	-ODONTOPATHY
NOSE/TURB SEC 3		
	MICRO: -SLIGHT	-NASOLACRIMAL DUCT: EXUDATE
UTERUS		
	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 3; LEFT: 6
	MICRO: -SLIGHT, FOCAL	-MYOMETRIUM: BROWN PIGMENT
THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:		
KIDNEYS, LIVER, MAMMARY GLANDS, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA		
KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER		

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*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 179

STUDY NUMBER: 964080

ANIMAL NUMBER: 1529 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 276.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION
GROSS/MICRO CORR	HISTOPATHOLOGICAL COMMENT: >KIDNEYS: DILATATION/PYELONEPHRITIS SUBA
KIDNEYS	MICRO: -DILATATION, MODERATE GROSS: -MARKED MICRO: -MODERATE -BOTH PELVES -PELVIS DILATED -PYELONEPHRITIS, SUBACUTE
LIVER	MICRO: -SLIGHT, FOCAL -ACUTE/SUBACUTE INFLAMMATION
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -SLIGHT, FOCAL -RIGHT: 8; LEFT: 4 -MYOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 LUNGS, MAMMARY GLANDS, NOSE/TURB SEC 1, NOSE/TURB SEC 2, NOSE/TURB SEC 4, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND,
 TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 180

STUDY NUMBER: 964080

ANIMAL NUMBER: 1530 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 281.6 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -ACUTE/SUBACUTE INFLAMMATION
LUNGS	MICRO: -SLIGHT, FOCAL -PNEUMONITIS INTERSTITIAL SUBACUTE
NOSE/TURB SEC 2	MICRO: -MINIMAL, FOCAL -VOMORONASAL ORGAN: EOSINOPHILIC MATERIAL
NOSE/TURB SEC 3	MICRO: -MINIMAL -NASOLACRIMAL DUCT: LYMPHOID HYPERPLASIA
NOSE/TURB SEC 4	MICRO: -MINIMAL -NASAL MUCOSA (OLFACTORY): EPITHELIUM-INTRACYTOPLASMIC EOSINOPHILIC MATERIAL
UTERUS	GROSS: -IMPLANT SCARS - PRESENT MICRO: -MINIMAL, FOCAL -RIGHT: 3; LEFT: 8 -ENDOMETRIUM: BROWN PIGMENT

THE FOLLOWING TISSUES HAD NO MICROSCOPIC ABNORMALITIES OBSERVED:
 KIDNEYS, MAMMARY GLANDS, NOSE/TURB SEC 1, OVARIES, OVIDUCTS/FALOP T, PITUITARY GLAND, TRACHEA, VAGINA

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 181

STUDY NUMBER: 964080

ANIMAL NUMBER: 2501 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 271.9 GRAMS

*** PATHOLOGY OBSERVATIONS ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

UTERUS GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 13; LEFT: 4

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 182

STUDY NUMBER: 964080

ANIMAL NUMBER: 2502 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 273.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - NOT PRESENT	
KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER		

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 183

STUDY NUMBER: 964080

ANIMAL NUMBER: 2503 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 292.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 7; LEFT: 6

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 184

STUDY NUMBER: 964080

ANIMAL NUMBER: 2504 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 314.9 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

UTERUS GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 6; LEFT: 4

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

BFG 003457

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 185

STUDY NUMBER: 964080

ANIMAL NUMBER: 2505 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 280.9 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

UTERUS
GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 10; LEFT: 3

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

BFG 003458

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 186

STUDY NUMBER: 964080

ANIMAL NUMBER: 2506 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 296.8 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 5; LEFT: 8

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 187

STUDY NUMBER: 964080

ANIMAL NUMBER: 2507 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 290.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 6; LEFT: 10

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG
 003460

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 188

STUDY NUMBER: 964080

ANIMAL NUMBER: 2508 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 06/06/97 STUDY DAY OF DEATH: 151 STUDY WEEK OF DEATH: 22 TERMINAL BODY WEIGHT: 282.5 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 10; LEFT: 5

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003461

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 189

STUDY NUMBER: 964080

ANIMAL NUMBER: 2509 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 319.1 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 9; LEFT: 4

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 190

STUDY NUMBER: 964080

ANIMAL NUMBER: 2510 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 281.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 4; LEFT: 8

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 191

STUDY NUMBER: 964080

ANIMAL NUMBER: 2511 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 264.9 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS ***	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER		MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS		GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 5; LEFT: 10

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 192

STUDY NUMBER: 964080

ANIMAL NUMBER: 2512 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 273.9 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

KIDNEYS	GROSS: -DILATATION, SLIGHT	-RIGHT PELVIS
UTERUS	GROSS: -IMPLANT SCARS - NOT PRESENT	

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 193

STUDY NUMBER: 964080

ANIMAL NUMBER: 2513 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 285.8 GRAMS.

*** P A T H O L O G Y O B S E R V A T I O N S ***			
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS	
LIVER	MICRO: -MINIMAL, FOCAL	-ACUTE/SUBACUTE INFLAMMATION	
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 8; LEFT: 8	
KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER			

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 194

STUDY NUMBER: 964080

ANIMAL NUMBER: 2514 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 296.0 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

UTERUS GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 4; LEFT: 10

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 195

STUDY NUMBER: 964080

ANIMAL NUMBER: 2515 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 325.5 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 9; LEFT: 7

KEY TO NEOPLASMS: "H-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 196

STUDY NUMBER: 964080

ANIMAL NUMBER: 2516 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 304.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 4; LEFT: 9

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 197

STUDY NUMBER: 964080

ANIMAL NUMBER: 2517 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 290.8 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 12; LEFT: 5

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 198

STUDY NUMBER: 964080

ANIMAL NUMBER: 2518 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 310.6 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 8; LEFT: 9

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 199

STUDY NUMBER: 964080

ANIMAL NUMBER: 2519 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 303.3 GRAMS

*** P A T H O L O G Y O B S E R V A T I O N S ***
ORGAN NAME KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

UTERUS GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 4; LEFT: 3

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

BFG 003471

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET
 STUDY NUMBER: 964080

ANIMAL NUMBER: 2520 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 293.7 GRAMS

*** PATHOLOG Y O B S E R V A T I O N S ***
 KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS

LIVER MICRO: MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
 UTERUS GROSS: -IMPLANT SCARS - NOT PRESENT

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 201

STUDY NUMBER: 964080

ANIMAL NUMBER: 2521 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 256.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 10; LEFT: 6

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 202

STUDY NUMBER: 964080

ANIMAL NUMBER: 2522 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 309.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 8; LEFT: 8

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
PAGE: 203

STUDY NUMBER: 964080

ANIMAL NUMBER: 2523 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 286.7 GRAMS

ORGAN NAME	*** PATHOLOGY OBSERVATIONS *** KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 8; LEFT: 7

*** ANIMAL HAS NO MICROSCOPIC ABNORMALITIES OBSERVED ***

BFG 003475

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 204

STUDY NUMBER: 964080

ANIMAL NUMBER: 2524 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/29/97 STUDY DAY OF DEATH: 143 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 274.4 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 6; LEFT: 6

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003476

*** PATH/TOX SYSTEM OUTPUT ***
VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
INDIVIDUAL ANIMAL DATA SHEET

STUDY NUMBER: 964080

ANIMAL NUMBER: 2525	SEX: FEMALE	DOSE GROUP: 2	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/27/97	STUDY DAY OF DEATH: 141	STUDY WEEK OF DEATH: 21	TERMINAL BODY WEIGHT: 274.1 GRAMS
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	*** PATHOLOGY OBSERVATIONS *** GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS	
LIVER	MICRO: -MINIMAL -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY	
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 8; LEFT: 4	

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 206

STUDY NUMBER: 964080

ANIMAL NUMBER: 2S26 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 298.9 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, MULTI-FOCAL	-ACUTE/SUBACUTE INFLAMMATION
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 8; LEFT: 9

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003478

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 207

STUDY NUMBER: 964080

ANIMAL NUMBER: 2527 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 275.0 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 6; LEFT: 8

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 208

STUDY NUMBER: 964080

ANIMAL NUMBER: 2528 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 273.7 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -HEPATOCTYES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 3; LEFT: 10

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003480

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 209

STUDY NUMBER: 964080

ANIMAL NUMBER: 2530 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 279.4 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
UTERUS	GROSS: -IMPLANT SCARS - PRESENT -RIGHT: 6; LEFT: 4
KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER	

*** PATH/TOX SYSTEM OUTPUT ***
 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 210

STUDY NUMBER: 964080

ANIMAL NUMBER: 2531 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 06/05/97 STUDY DAY OF DEATH: 150 STUDY WEEK OF DEATH: 22 TERMINAL BODY WEIGHT: 276.7 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL)
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 10; LEFT: 4

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 211

STUDY NUMBER: 964080

ANIMAL NUMBER: 3501 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/27/97 STUDY DAY OF DEATH: 141 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 305.2 GRAMS

*** PATHOLOGY OBSERVATIONS ***	
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION / GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL -MINIMAL -HEPATOCYTES: CYTOPLASMIC VACUOLES (NON-ZONAL) -HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
UTERUS	GROSS: -IMPLANT SCARS - NOT PRESENT

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003483

PRINTED: 29-APR-98
PAGE: 212

ANIMAL NUMBER: 3502	SEX: FEMALE	DOSE GROUP: 3	SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 05/30/97	STUDY DAY OF DEATH: 144	STUDY WEEK OF DEATH: 21	TERMINAL BODY WEIGHT: 282.5 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL, FOCAL -MINIMAL	-ACUTE/SUBACUTE INFLAMMATION -HEPATOCYTES CENTRIOBULAR: HYPERTROPHY
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 4; LEFT: 11

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003484

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 213

STUDY NUMBER: 964080

ANIMAL NUMBER: 3503 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 320.5 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 13; LEFT: 7

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 214

STUDY NUMBER: 964080

ANIMAL NUMBER: 3504 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/28/97 STUDY DAY OF DEATH: 142 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 272.1 GRAMS

*** PATHOLOGY OBSERVATIONS ***		
ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRILOBULAR: HYPERTROPHY
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 7; LEFT: 8

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

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 VINYL CHLORIDE COMBINED INHALATION TWO-GENERATION
 REPRODUCTION AND DEVELOPMENTAL TOXICITY STUDY IN CD RATS
 INDIVIDUAL ANIMAL DATA SHEET

PRINTED: 29-APR-98
 PAGE: 215

STUDY NUMBER: 964080

ANIMAL NUMBER: 3505 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
 DATE OF DEATH: 05/30/97 STUDY DAY OF DEATH: 144 STUDY WEEK OF DEATH: 21 TERMINAL BODY WEIGHT: 289.3 GRAMS

ORGAN NAME	KEYWORDS, SEVERITY, DISTRIBUTION	GROSS FREE-TEXT COMMENTS / HISTOPATHOLOGIC FINDINGS
LIVER	MICRO: -MINIMAL	-HEPATOCYTES CENTRIOLOBULAR: HYPERTROPHY
UTERUS	GROSS: -IMPLANT SCARS - PRESENT	-RIGHT: 6; LEFT: 7

KEY TO NEOPLASMS: "M-" MALIGNANT, "B-" BENIGN, "S-" METASTATIC, "I-" INVASIVE, "X-" OTHER

BFG 003487