Study Number:	C10987
Study Gender:	Both
PWG Approval Date	See web page for date of PWG Approval

F1 Male

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
Disposition Summary					
Animals Initially In Study					
Early Deaths					
Scheduled Deaths					
Number of Animals Examined					
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					

F1 Male

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
None					

F1 Male

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
GENITOURINARY SYSTEM					
Cowper's Glands	(48)	(49)	(48)	(49)	(46)
Size, Enlarged (or swelling)	1 (2.1%) [1]				
Epididymis	(48)	(49)	(48)	(49)	(46)
Right; Caput; Agenesis					2 (4.3%) [2]
Right; Cauda; Agenesis					2 (4.3%) [2]
Right; Corpus; Agenesis					2 (4.3%) [2]
Right; Corpus, Cauda, or Caput; Agenesis					2 (4.3%) [2]
Size, Enlarged (or swelling)		2 (4.1%) [2]			
Size, Small	0 **		3 (6.3%) [3]		27 (58.7%) [19] **
Gubernaculum	(46)	(48)	(47)	(46)	(38)
Right; Not Present					1 (2.6%) [1]
Phallus	(48)	(49)	(48)	(49)	(45)
Not Present			1 (2.1%) [1]		
Prepuce	(48)	(49)	(48)	(49)	(45)
Incomplete Preputial Separation	1 (2.1%) [1]				
Prostate	(48)	(49)	(48)	(49)	(46)
Size, Enlarged (or swelling)		2 (4.1%) [2]			
Size, Small	0 *		1 (2.1%) [1]	2 (4.1%) [2]	4 (8.7%) [4]
Prostate, Left	(47)	(49)	(48)	(49)	(46)
Ventral; Agenesis					2 (4.3%) [2]
Ventral, Dorsal, or Lateral; Agenesis					2 (4.3%) [2]
Prostate, Right	(48)	(49)	(48)	(49)	(46)
Dorsal; Agenesis				1 (2.0%) [1]	
Lateral; Agenesis				1 (2.0%) [1]	
Ventral; Agenesis				1 (2.0%) [1]	2 (4.3%) [2]
Ventral, Dorsal, or Lateral; Agenesis				1 (2.0%) [1]	2 (4.3%) [2]
Prostate, Right or Left	(48)	(49)	(48)	(49)	(46)

F1 Male

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
Dorsal; Agenesis				1 (2.0%) [1]	
Lateral; Agenesis				1 (2.0%) [1]	
Ventral; Agenesis				1 (2.0%) [1]	2 (4.3%) [2]
Ventral, Dorsal, or Lateral; Agenesis				1 (2.0%) [1]	2 (4.3%) [2]
Seminal Vesicles/Coagulating Glands	(48)	(49)	(48)	(49)	(46)
Size, Small	1 (2.1%) [1] *	2 (4.1%) [2]	2 (4.2%) [2]	1 (2.0%) [1]	7 (15.2%) [6]
Testis	(48)	(49)	(48)	(49)	(46)
Fluid or Blood Filled	1 (2.1%) [1]			1 (2.0%) [1]	3 (6.5%) [3]
Right; Not Present					2 (4.3%) [2]
Size, Enlarged (or swelling)			1 (2.1%) [1]	1 (2.0%) [1]	1 (2.2%) [1]
Size, Small	1 (2.1%) [1] **		4 (8.3%) [4]	2 (4.1%) [2]	36 (78.3%) [23] **
Left; Abdominal; Undescended	1 (2.1%) [1] **	2 (4.1%) [2]	1 (2.1%) [1]	2 (4.1%) [2]	20 (43.5%) [14] **
Left; Inguinal; Undescended	1 (2.1%) [1] *				4 (8.7%) [4]
Left; Inguinal or Abdominal; Undescended	2 (4.2%) [2] **	2 (4.1%) [2]	1 (2.1%) [1]	2 (4.1%) [2]	24 (52.2%) [17] **
Right; Abdominal; Undescended	1 (2.1%) [1] **	3 (6.1%) [3]	1 (2.1%) [1]	2 (4.1%) [2]	20 (43.5%) [16] **
Right; Inguinal; Undescended	1 (2.1%) [1]				3 (6.5%) [3]
Right; Inguinal or Abdominal; Undescended	2 (4.2%) [2] **	3 (6.1%) [3]	1 (2.1%) [1]	2 (4.1%) [2]	23 (50.0%) [17] **
Right or Left; Abdominal; Undescended	1 (2.1%) [1] **	3 (6.1%) [3]	2 (4.2%) [2]	2 (4.1%) [2]	29 (63.0%) [21] **
Right or Left; Inguinal; Undescended	1 (2.1%) [1] **				7 (15.2%) [7]
Right or Left; Inguinal or Abdominal; Undescended	2 (4.2%) [2] **	3 (6.1%) [3]	2 (4.2%) [2]	2 (4.1%) [2]	32 (69.6%) [23] **
Urinary Tract	(48)	(49)	(48)	(49)	(46)
Hematuria or Discolored Urine	1 (2.1%) [1]				
Left; Hydronephrosis					1 (2.2%) [1]
Right; Hydronephrosis					1 (2.2%) [1]
Right or Left; Hydronephrosis					1 (2.2%) [1]
Left; Hydroureter				1 (2.0%) [1]	
Right; Hydroureter				1 (2.0%) [1]	
Right or Left; Hydroureter				1 (2.0%) [1]	

F1 Male

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
Vas Deferens	(48)	(49)	(48)	(49)	(46)
Right; Not Present					2 (4.3%) [2]

F1 Female

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
Disposition Summary					
Animals Initially In Study					
Early Deaths					
Scheduled Deaths					
Number of Animals Examined					
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOLYMPHOID SYSTEM					
None					
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					

F1 Female

	Treatment Groups (ppm)				
	0	**300**	**1000**	**3000**	**10000**
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
None					
GENITOURINARY SYSTEM					
Ovaries	(49)	(47)	(48)	(48)	(48)
Left; Corpora Albicans	1 (2.0%) [1]				1 (2.1%) [1]
Right; Corpora Albicans	1 (2.0%) [1]				1 (2.1%) [1]
Follicular Cysts	1 (2.0%) [1]	3 (6.4%) [3]	3 (6.3%) [3]	3 (6.3%) [3]	5 (10.4%) [5]
Left; Not Present		1 (2.1%) [1]			
Size, Enlarged (or swelling)	2 (4.1%) [2]	1 (2.1%) [1]	1 (2.1%) [1]	1 (2.1%) [1]	
Uterus	(49)	(47)	(48)	(48)	(48)
Hydrometrocolpus	2 (4.1%) [1]	1 (2.1%) [1]		1 (2.1%) [1]	3 (6.3%) [3]
Size, Enlarged (or swelling)	4 (8.2%) [4]	2 (4.3%) [2]	4 (8.3%) [4]	2 (4.2%) [2]	4 (8.3%) [3]
Vagina	(49)	(47)	(48)	(48)	(48)
Not Patent			1 (2.1%) [1]		

LEGEND

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number (percent) of animals affected given for each observation

Number of litters with observations shown in square brackets for F1 animals. F1 litter incidence based on the number of F0 dams.

All trend and pairwise p-values are reported as one-sided.

Statistical analysis performed by Cochran-Armitage test with a Rao-Scott modification for the random effect due to litter.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at P <= 0.05

** Statistically significant at P <= 0.01

"None" under a system heading means that no data were collected for that system.

** END OF REPORT **