Study Number:	C11049-01
Study Gender:	Male
PWG Approval Date:	See web page for date of PWG Approval

Male : 1 Day Exposure

	Treatment Groups (ppm)		
	0	**10**	**25 ppm Hexanes**
Disposition Summary			
Animals Initially In Study	**8**	**8**	**8**
Early Deaths			
Scheduled Deaths			
Scheduled sacrifice, terminal (SD 1)	**8**	**8**	**8**
Number of Animals Examined	**8**	**8**	**8**
ALIMENTARY SYSTEM			
LIVER	(8)	(8)	(8)
PHARYNX	(8)	(8)	(8)
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
None			
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
None			
HEMATOLYMPHOID SYSTEM			
None			
INTEGUMENTARY SYSTEM			
None			
MUSCULOSKELETAL SYSTEM			
None			

Male : 1 Day Exposure

	Treatment Groups (ppm)		
	0	**10**	**25 ppm Hexanes**
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
LARYNX	(7)	(8)	(8)
LUNG	(8)	(8)	(8)
TRACHEA	(8)	(8)	(8)
SPECIAL SENSES SYSTEM			
None			
URINARY SYSTEM			
KIDNEY, LEFT	(8)	(8)	(8)

Male : 1 Day Recovery

	Treatment Groups (ppm)		
	0	**10**	**25 ppm Hexanes**
Disposition Summary			
Animals Initially In Study	**8**	**8**	**8**
Early Deaths			
Scheduled Deaths			
Scheduled sacrifice, terminal (SD 9)	**8**	**8**	**8**
Number of Animals Examined	**8**	**8**	**8**
ALIMENTARY SYSTEM			
LIVER	(8)	(8)	(8)
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
None			
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
None			
HEMATOLYMPHOID SYSTEM			
None			
INTEGUMENTARY SYSTEM			
None			
MUSCULOSKELETAL SYSTEM			
None			

Male : 1 Day Recovery

	Treatment Groups (ppm)		
	0	**10**	**25 ppm Hexanes**
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
LUNG	(8)	(8)	(8)
NOSE	(8)	(8)	(8)
SPECIAL SENSES SYSTEM			
None			
URINARY SYSTEM			
KIDNEY, LEFT	(8)	(8)	(8)

Male : 5 Day Exposure

	Treatment Groups (ppm)					
	0	**0.3**	**1**	**3**	**10**	**25 ppm Hexanes**
Disposition Summary						
Animals Initially In Study	**8**	**8**	**8**	**8**	**8**	**8**
Early Deaths						
Scheduled Deaths						
Scheduled sacrifice, terminal (SD 5)	**8**	**8**	**8**	**8**	**8**	**8**
Number of Animals Examined	**8**		**8**	**8**	**8**	**8**
ALIMENTARY SYSTEM						
LIVER	(8)	(0)	(0)	(0)	(8)	(8)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOLYMPHOID SYSTEM						
LYMPH NODE, MEDIASTINAL	(8)	(0)	(7)	(8)	(8)	(8)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						

Male : 5 Day Exposure

	Treatment Groups (ppm)					
	0	**0.3**	**1**	**3**	**10**	**25 ppm Hexanes**
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
LARYNX	(8)	(0)	(0)	(0)	(8)	(8)
LUNG	(8)	(0)	(8)	(8)	(8)	(8)
TRACHEA	(8)	(0)	(0)	(0)	(8)	(8)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
KIDNEY, LEFT	(8)	(0)	(0)	(0)	(8)	(8)
RENAL TUBULE; CARCINOMA	1 (12.5%)					

Male : 5 Day Recovery

	Treatment Groups (ppm)					
	0	**0.3**	**1**	**3**	**10**	**25 ppm Hexanes**
Disposition Summary						
Animals Initially In Study	**8**	**8**	**8**	**8**	**8**	**8**
Early Deaths						
Scheduled Deaths						
Scheduled sacrifice, terminal (SD 9)	**8**	**8**	**8**	**8**	**8**	**8**
Number of Animals Examined	**8**	**8**	**8**	**8**	**8**	**8**
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOLYMPHOID SYSTEM						
LYMPH NODE, MEDIASTINAL	(8)	(0)	(8)	(8)	(8)	(8)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						

Male : 5 Day Recovery

	Treatment Groups (ppm)					
	0	**0.3**	**1**	**3**	**10**	**25 ppm Hexanes**
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
LARYNX	(8)	(0)	(0)	(0)	(8)	(8)
LUNG	(8)	(8)	(8)	(8)	(8)	(8)
NOSE	(8)	(0)	(0)	(0)	(8)	(8)
TRACHEA	(8)	(0)	(0)	(0)	(8)	(8)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
KIDNEY, LEFT	(8)	(0)	(0)	(0)	(8)	(8)

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 of animals with observation reported with percent incidence in parentheses

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests.

Statistical analysis for the negative control group compared to the vehicle control group was performed using the Fisher Exact test.

Trend significance is reported only for those organs that were fully examined in the control group plus two or more other dose groups. For organs that were fully examined in just the control and one other dose group, only the pairwise significance is reported.

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

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

* Statistically significant at P <= 0.05

** Statistically significant at P <= 0.01

The 1 Day Exposure animals were exposed for one day and then sacrificed on study day 1 (first day of exposure was study day 0); the 1 Day Recovery animals were exposed for 1 day and then sacrificed on study day 9; the 5 Day Exposure animals were exposed for five days and then sacrificed on study day 5; the 5 Day Recovery animals were exposed for five days and then sacrificed on study day 9.

** END OF REPORT **