

Study Number: I11054

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

C Number:

Study Gender:

PWG Approval Date

PA46s: Summary of Gross Pathology

Test Compound: Sulfolane

CAS Number: 126-33-0

I11054

Female

See web page for date of PWG Approval

Date Report Requested: 03/27/2019

Time Report Requested: 10:58:53

Lab: Burleson Research Technologies

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Female: Immunopath

Treatment Groups (mg/kg)

	0	1	10	30	100	300	50 mg/kg CPS
Disposition Summary							
Animals Initially In Study	8	8	8	8	8	8	8
Early Deaths							
Survivors							
Scheduled sacrifice, terminal (SD 90)	8	8	8	8	8	8	8
Number of Animals Examined	8	8	8	8	8	8	8
ALIMENTARY SYSTEM							
LIVER	(8)	(8)	(8)	(8)	(8)	(8)	(8)
DISCOLORATION; DIFFUSE, MILD, PALE		2 (25.0%)		1 (13.0%)			6 (75.0%) **
DISCOLORATION; DIFFUSE, MINIMAL, PALE	1 (13.0%)						
DISCOLORATION; MINIMAL, PALE				1 (13.0%)			
FOCUS; RED			1 (13.0%)		1 (13.0%)		
STOMACH, FORESTOMACH	(0)	(0)	(0)	(0)	(0)	(1)	(0)
SWELLING; CLEAR, MODERATE, ONE						1 (100.0%)	
CARDIOVASCULAR SYSTEM							
None							
ENDOCRINE SYSTEM							
ADRENAL GLAND, RIGHT	(8)	(8)	(8)	(8)	(8)	(8)	(8)
SMALL; MINIMAL					1 (13.0%)		
SMALL; MODERATE					1 (13.0%)		
GENERAL BODY SYSTEM							
None							
GENITAL SYSTEM							
None							

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HEMATOPOIETIC SYSTEM							
LYMPH NODE, MESENTERIC	(8)	(8)	(8)	(8)	(8)	(8)	(8)
LYMPH NODE, POPLITEAL	(8)	(8)	(8)	(8)	(8)	(8)	(8)
SPLEEN	(8)	(8)	(8)	(8)	(8)	(8)	(8)
DEFORMITY		1 (13.0%)					
DISCOLORATION; BLACK, MILD					1 (13.0%)		
SMALL; MARKED							2 (25.0%)
SMALL; MILD	1 (13.0%)		1 (13.0%)		2 (25.0%)	1 (13.0%)	2 (25.0%)
SMALL; MODERATE		1 (13.0%)					3 (38.0%)
THYMUS	(8)	(8)	(8)	(8)	(8)	(8)	(8)
SMALL; MARKED						1 (13.0%)	8 (100.0%) **
SMALL; MILD					1 (13.0%)		
INTEGUMENTARY SYSTEM							
SKIN	(6)	(0)	(3)	(4)	(3)	(0)	(6)
ALOPECIA	6 (100.0%)		3 (100.0%)	4 (100.0%)	3 (100.0%)		6 (100.0%)
LYMPHOID SYSTEM							
None							
MUSCULOSKELETAL SYSTEM							
None							
NERVOUS SYSTEM							
None							
RESPIRATORY SYSTEM							
LUNG	(8)	(8)	(8)	(8)	(8)	(8)	(8)
DISCOLORATION; MILD, RED	2 (25.0%)	3 (38.0%)	2 (25.0%)	2 (25.0%)	2 (25.0%)	2 (25.0%)	1 (13.0%)
DISCOLORATION; MODERATE, RED	1 (13.0%)	2 (25.0%)	1 (13.0%)			1 (13.0%)	

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0 1 10 30 100 300 50 mg/kg CPS

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

KIDNEY, RIGHT

(8) (8) (8) (8) (8) (8) (8)

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LEGEND

Number of animals examined given for each tissue

Number (percent) of animals affected given for each observation

No statistical analysis is reported unless there are at least two lesions in one or more of the dose groups

Trend statistical analysis is reported only for those organs that were fully examined in all dose groups

For some animals in the middle dose groups, an organ was analyzed only after a gross lesion was detected. These findings were not analyzed statistically against the control group.

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

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 $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

CPS = Cyclophosphamide

**** END OF REPORT ****