

Study Number: C11054B-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Sex:

PWG Approval Date:

Version:

I05P: Pup Clinical Observations Summary (Interim and Chronic Animals)

Test Compound: Sulfolane

CAS Number: 126-33-0

C11054B-01

Both

See web page for date of PWG Approval

v1.2.7

Date Report Requested: 07/15/2021

Time Report Requested: 08:42:37

Lab: Battelle with CRL

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F1 Pups					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
Total Pups (PND 0)	439	408	382	435	435
No. pups post cull (PND 4)	285	248	241	269	268
Total Litters (PND 0)	38	31	33	35	34
No. litters post cull (PND 4)	38	31	32	34	34
Pup Clinical Observations PND 0-4					
Bruising	0	0	3 (0.8)	0	0
Abdomen	0	0	2 (6.1)	0	0
			PND 1-4		
Bruising	0	3 (0.7)	0	0	1 (0.2)
Dorsum	0	3 (9.7)	0	0	1 (2.9)
		PND 1			PND 4
Bruising	6 (1.4)	2 (0.5)	0	2 (0.5)	1 (0.2)
Head	6 (15.8)	2 (6.5)	0	1 (2.9)	1 (2.9)
	PND 1	PND 1		PND 1	PND 1
Damaged	0	0	1 (0.3)	0	0
Tail	0	0	1 (3.0)	0	0
			PND 4		
Discharge	0	2 (0.5)	0	0	0
Nose/Snout; Red	0	2 (6.5)	0	0	0
		PND 4			

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Treatment Groups (mg/L)					
	0	30	100	300	1000
Discolored	0	0	0	0	1 (0.2)
Abdomen	0	0	0	0	1 (2.9)
					PND 1
Discolored	1 (0.2)	0	0	0	2 (0.5)
Dorsum; Black	1 (2.6)	0	0	0	2 (5.9)
	PND 1-4				PND 1-4
Discolored	0	0	0	0	1 (0.2)
Dorsum	0	0	0	0	1 (2.9)
					PND 1-4
Discolored	0	0	1 (0.3)	0	0
Tip of Tail; Red	0	0	1 (3.0)	0	0
			PND 4		
Discolored	0	0	0	1 (0.2)	0
Tip of Tail	0	0	0	1 (2.9)	0
				PND 4	
Milk Band Absent	0	0	0	0	1 (0.2)
Abdomen	0	0	0	0	1 (2.9)
					PND 4
Missing	0	0	0	0	1 (0.2)
Tail	0	0	0	0	1 (2.9)
					PND 1-4

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		Treatment Groups (mg/L)				
		0	30	100	300	1000
Missing		0	0	0	0	1 (0.2)
Tip of Tail		0	0	0	0	1 (2.9)
						PND 1-4
Pale		0	2 (0.5)	0	0	0
		0	2 (6.5)	0	0	0
			PND 1			
Thin		0	0	0	0	1 (0.2)
		0	0	0	0	1 (2.9)
						PND 4
Wound		0	1 (0.2)	0	0	0
Abdomen; Bilateral		0	1 (3.2)	0	0	0
			PND 1			
Wound		1 (0.2)	0	0	0	0
Dorsum; Bilateral		1 (2.6)	0	0	0	0
		PND 1				
Pup Clinical Observations PND 5-28						
Bruising		0	0	1 (0.4)	0	0
Abdomen		0	0	1 (3.1)	0	0
				PND 7		

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F1 Pups					
Treatment Groups (mg/L)					
	0	30	100	300	1000
Cold To Touch	0	0	1 (0.4)	1 (0.4)	0
	0	0	1 (3.1)	1 (2.9)	0
			PND 7	PND 17	
Damaged	0	1 (0.4)	1 (0.4)	2 (0.7)	1 (0.4)
Tail	0	1 (3.2)	1 (3.1)	2 (5.9)	1 (2.9)
		PND 17-24	PND 7	PND 7	PND 7
Discharge	2 (0.7)	0	0	0	0
Eye; Red	2 (5.3)	0	0	0	0
	PND 24				
Discharge	0	1 (0.4)	0	0	0
Eye; Right	0	1 (3.2)	0	0	0
		PND 17-24			
Discharge	2 (0.7)	0	0	1 (0.4)	0
Nose/Snout; Red	2 (5.3)	0	0	1 (2.9)	0
	PND 17-24			PND 17	
Discolored	0	0	1 (0.4)	0	0
Tip of Tail; Red	0	0	1 (3.1)	0	0
			PND 7-24		
Discolored	0	0	0	1 (0.4)	0
Tip of Tail	0	0	0	1 (2.9)	0
				PND 7-24	

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F1 Pups					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
Gait Abnormal	0	1 (0.4)	0	0	0
	0	1 (3.2)	0	0	0
		PND 24			
Mass	0	0	0	0	1 (0.4)
Abdomen	0	0	0	0	1 (2.9)
					PND 7
Milk Band Absent	1 (0.4)	0	1 (0.4)	0	0
Abdomen	1 (2.6)	0	1 (3.1)	0	0
	PND 7		PND 7		
Missing	0	0	0	0	1 (0.4)
Tail	0	0	0	0	1 (2.9)
					PND 7-24
Missing	0	0	0	0	1 (0.4)
Tip of Tail	0	0	0	0	1 (2.9)
					PND 7-24
Pale	0	0	1 (0.4)	0	0
	0	0	1 (3.1)	0	0
			PND 7		
Swelling	1 (0.4)	0	0	0	0
Hind Limb; Right	1 (2.6)	0	0	0	0
	PND 24				

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F1 Pups						
		Treatment Groups (mg/L)				
		0	30	100	300	1000
Thin		0	5 (2.0)	1 (0.4)	1 (0.4)	0
		0	2 (6.5)	1 (3.1)	1 (2.9)	0
			PND 7-17	PND 7	PND 17-24	
Wound		0	0	0	0	1 (0.4)
Fore Paw; Left		0	0	0	0	1 (2.9)
						PND 7-24

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LEGEND

Animals exhibiting clinical observations "within normal limits" were recorded as scheduled but are omitted from the table for clarity.

Upper row denotes the pup incidence N (%)

Middle row denotes the litter incidence N (%)

Lower row denotes the range of postnatal days the finding was seen for the group

F1 litter incidence based on the number of F0 dams; F2 litter incidence based on number of F1 dams.

No. live litters includes litters with ≥ 1 live pup

Percent incidence calculated using number of live pups or litters on PND 0 (pre cull) or PND 4 (post cull)

PND - Postnatal Day, pups pre-weaning

**** END OF REPORT ****