

Study Number: C11054B-01
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

R03: Summary of Litter Data (Interim and Chronic Animals)
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 03/20/2023
Time Report Requested: 11:19:14
Lab: Battelle

Study Number: C11054B-01
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.4
Stat Version: S

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F1 Pups from F0 Females					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
No. F0 Dams					
PND 0	38	31	33	35	34
Total No. Pups					
PND 0	439	408	382	435	435
Total Pups per Litter					
PND 0	11.6 ± 0.6 (38)	13.2 ± 0.4 (31)	11.6 ± 0.7 (33)	12.4 ± 0.5 (35)	12.8 ± 0.5 (34)
Total No. Live					
PND 0	429	398	372	429	423
Live per Litter					
PND 0	11.3 ± 0.6 (38)	12.8 ± 0.4 (31)	11.3 ± 0.6 (33)	12.6 ± 0.4 (34)	12.4 ± 0.5 (34)
PND 1	11.1 ± 0.6 (38)	12.8 ± 0.4 (31)	11.2 ± 0.6 (33)	12.5 ± 0.4 (34)	12.4 ± 0.5 (34)
PND 4	11.1 ± 0.6 (38)	12.7 ± 0.4 (31)	11.5 ± 0.6 (32)	12.4 ± 0.4 (34)	12.3 ± 0.5 (34)
PND 4 post-cull	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.5 ± 0.3 (32)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 7	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.5 ± 0.3 (32)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 10	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.7 ± 0.2 (31)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 14	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.7 ± 0.2 (31)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 17	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.7 ± 0.2 (31)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 21	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.7 ± 0.2 (31)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 24	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.7 ± 0.2 (31)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
PND 28	7.5 ± 0.2 (38)	8.0 ± 0.0 (31)	7.7 ± 0.2 (31)	7.9 ± 0.1 (34)	7.9 ± 0.1 (34)
Dead per Litter					
PND 0	0.26 ± 0.09 (38)	0.32 ± 0.11 (31)	0.30 ± 0.12 (33)	0.17 ± 0.08 (35)	0.35 ± 0.13 (34)
PND 1 - 4	0.21 ± 0.14 (38)	0.10 ± 0.05 (31)	0.12 ± 0.07 (33)	0.18 ± 0.07 (34)	0.18 ± 0.08 (34)
PND 5 - 28	0.00 ± 0.00 (38)	0.03 ± 0.03 (31)	0.09 ± 0.05 (32)	0.03 ± 0.03 (34)	0.03 ± 0.03 (34)
Number of Dead					
PND 0	10 (8)	10 (8)	10 (7)	6 (5)	12 (8)
PND 1 - 4	8 (4)	3 (3)	4 (3)	6 (6)	6 (5)

F1 Pups from F0 Females					
	Treatment Groups (mg/L)				
	0	30	100	300	1000
PND 5 - 28	0 (0)	1 (1)	3 (3)	1 (1)	1 (1)
% Live Male Pups per Litter					
PND 0	51.59 ± 3.26 (38)	52.51 ± 2.40 (31)	53.14 ± 3.02 (33)	52.10 ± 2.84 (34)	53.44 ± 2.57 (34)
Survival Ratio					
PND 0	0.98 ± 0.01 (38)	0.98 ± 0.01 (31)	0.98 ± 0.01 (33)	0.96 ± 0.03 (35)	0.97 ± 0.01 (34)
PND 1 - 4	0.98 ± 0.01 (38)	0.99 ± 0.00 (31)	0.96 ± 0.03 (33)	0.99 ± 0.00 (34)	0.99 ± 0.01 (34)
PND 5 - 28	1.00 ± 0.00 (38)	1.00 ± 0.00 (31)	0.95 ± 0.03 (32)	1.00 ± 0.00 (34)	1.00 ± 0.00 (34)

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LEGEND

Total No. of Pups and Total Pups per Litter is inclusive of nonviable pups.

Values given as mean $\pm$ SEM (N), when N is the number of litters.

For Number of Dead, N is displayed as the number of pups (number of litters contributing dead pups).

All calculations are based on the last litter observation of the day.

Survival ratio on PND 0 is live pup count at the last PND 0 litter observation relative to the total number of pups upon completion of parturition.

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 $P \leq 0.01$

**** END OF REPORT ****