

**Study Number:** MOG10866  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I05P: Pup Clinical Observations Summary**  
**Test Compound:** Isopropylated Phenyl Phosphate  
**CAS Number:** 68937-41-7

**Date Report Requested:** 03/30/2020  
**Time Report Requested:** 10:32:07  
**Lab:** Battelle

**C Number:**

MOG10866

**Study Gender:**

Both

**PWG Approval Date**

See web page for date of PWG Approval

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F1 Pups

Treatment Groups (ppm)

	0	1000	3000	10000	15000
Total Pups (PND 0)	145	209	130	128	70
No. pups post cull (PND 4)	135	169	81	30	9
Total Litters (PND 0)	12	17	12	12	8
No. litters post cull (PND 4)	11	17	10	5	1

Pup Clinical Observations PND 0-4

Bruising	0	0	0	1 (0.8)	0
Dorsum	0	0	0	1 (8.3) PND 1	0
Bruising	0	3 (1.4)	0	0	0
Head	0	2 (11.8) PND 1	0	0	0
Cold To Touch	0	0	6 (4.6)	4 (3.1)	0
	0	0	3 (25.0) PND 1	2 (16.7) PND 1	0
Damaged	0	1 (0.5)	0	0	0
Tail	0	1 (5.9) PND 1	0	0	0
Missing	0	1 (0.5)	0	0	0
Hind Limb; Left	0	1 (5.9) PND 1-4	0	0	0

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Treatment Groups (ppm)

	0	1000	3000	10000	15000
Missing Tail	0	1 (0.5)	0	0	0
	0	1 (5.9) PND 4	0	0	0
Missing Tip of Tail	0	2 (1.0)	2 (1.5)	0	0
	0	2 (11.8) PND 1-4	2 (16.7) PND 1-4	0	0
Thin	2 (1.4)	1 (0.5)	3 (2.3)	1 (0.8)	0
	2 (16.7) PND 4	1 (5.9) PND 4	3 (25.0) PND 4	1 (8.3) PND 4	0
Wound Dorsum; Mild	0	0	1 (0.8)	0	0
	0	0	1 (8.3) PND 4	0	0
<b>Pup Clinical Observations PND 5-28</b>					
Damaged Tail	0	1 (0.6)	0	0	0
	0	1 (5.9) PND 17-24	0	0	0
Discolored Tip of Tail; Black	0	1 (0.6)	0	0	0
	0	1 (5.9) PND 7	0	0	0

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F1 Pups

Treatment Groups (ppm)

	0	1000	3000	10000	15000
Eye Abnormality	1 (0.7)	0	0	0	0
Left	1 (9.1)	0	0	0	0
	PND 17-24				
Gait Abnormal	0	0	0	1 (3.3)	0
	0	0	0	1 (20.0)	0
				PND 24	
Hunched	0	0	0	1 (3.3)	0
	0	0	0	1 (20.0)	0
				PND 24	
Mass	0	1 (0.6)	0	0	0
Head; Right, Firm	0	1 (5.9)	0	0	0
		PND 24			
Missing	0	0	1 (1.2)	0	0
Tip of Tail	0	0	1 (10.0)	0	0
			PND 7-24		
Swelling	0	1 (0.6)	0	0	0
Fore Paw; Left	0	1 (5.9)	0	0	0
		PND 7			
Thin	0	2 (1.2)	0	1 (3.3)	0
	0	2 (11.8)	0	1 (20.0)	0
		PND 7		PND 7	

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## LEGEND

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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.

No. live litters includes litters with  $\geq 1$  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 \*\***