

Study Number: C11042B-01
Test Type: TOX with Perinatal Exposure
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

I05P: Pup Clinical Observations Summary
Test Compound: Triphenyl Phosphate (TPHP)
CAS Number: 115-86-6

Date Report Requested: 05/22/2026
Time Report Requested: 10:47:33
Lab: Battelle

Study Number: C11042B-01
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.7.8

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F1 Pups

Treatment Groups (ppm)

	0	30	100	300	1000	3000
Total Pups (PND 0)	247	337	328	295	280	302
No. pups post cull (PND 4)	152	188	180	168	179	198
Total Litters (PND 0)	19	28	27	23	25	28
No. litters post cull (PND 4)	19	24	23	21	25	27

Pup Clinical Observations PND 0-4

Bruising	0	0	2 (0.6)	0	0	1 (0.3)
Abdomen	0	0	1 (3.7)	0	0	1 (3.6)
			PND 0			PND 2-4
Bruising	0	0	0	1 (0.3)	1 (0.4)	1 (0.3)
Head	0	0	0	1 (4.3)	1 (4.0)	1 (3.6)
				PND 1-2	PND 0-1	PND 0
Cold To Touch	26 (10.5)	7 (2.1)	2 (0.6)	1 (0.3)	14 (5.0)	3 (1.0)
	2 (10.5)	2 (7.1)	2 (7.4)	1 (4.3)	4 (16.0)	1 (3.6)
	PND 1-4	PND 0-4	PND 0-4	PND 1	PND 0-4	PND 2-4
Discolored	0	0	0	0	0	1 (0.3)
Tip of Tail; Black	0	0	0	0	0	1 (3.6)
						PND 2-4
Discolored	0	0	0	0	1 (0.4)	0
Tip of Tail; White	0	0	0	0	1 (4.0)	0
					PND 0-3	

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	0	30	100	300	1000	3000
Lethargic	0	1 (0.3)	0	0	0	0
	0	1 (3.6) PND 2	0	0	0	0
Milk Band Absent	22 (8.9)	10 (3.0)	10 (3.0)	2 (0.7)	18 (6.4)	13 (4.3)
Abdomen	4 (21.1) PND 1-4	5 (17.9) PND 1-4	4 (14.8) PND 2-4	2 (8.7) PND 1	7 (28.0) PND 1-4	3 (10.7) PND 2-4
Missing	0	0	0	0	1 (0.4)	0
Tail	0	0	0	0	1 (4.0) PND 0	0
Missing	1 (0.4)	0	1 (0.3)	0	1 (0.4)	0
Tip of Tail	1 (5.3) PND 1-4	0	1 (3.7) PND 0-4	0	1 (4.0) PND 4	0
Pale	0	2 (0.6)	2 (0.6)	0	0	4 (1.3)
	0	2 (7.1) PND 0-2	2 (7.4) PND 0-2	0	0	4 (14.3) PND 0-4
Rales	0	0	0	0	0	1 (0.3)
	0	0	0	0	0	1 (3.6) PND 4
Scab	0	0	1 (0.3)	0	0	0
Abdomen; Left	0	0	1 (3.7) PND 3-4	0	0	0

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	0	30	100	300	1000	3000
Scab	0	0	1 (0.3)	0	0	0
Face; Right	0	0	1 (3.7) PND 2-4	0	0	0
Swelling	0	0	0	1 (0.3)	0	0
Hind Paw; Left	0	0	0	1 (4.3) PND 0	0	0
Wound	0	0	1 (0.3)	0	0	0
Nose/Snout; Right	0	0	1 (3.7) PND 0	0	0	0
Wound	0	0	1 (0.3)	0	0	0
Thorax; Left	0	0	1 (3.7) PND 0-2	0	0	0
Pup Clinical Observations PND 5-28						
Cold To Touch	4 (2.6) 3 (15.8) PND 6-7	0	0	0	0	0
Head Tilt	0	0	0	0	0	1 (0.5) 1 (3.7) PND 19-28

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F1 Pups

	Treatment Groups (ppm)					
	0	30	100	300	1000	3000
Mass	0	0	0	1 (0.6)	0	0
Head; Left, Small (1-5mm), 1	0	0	0	1 (4.8)	0	0
				PND 10-13		
Mass	0	0	0	0	1 (0.6)	0
Head; Right, 1, Small (1-5mm)	0	0	0	0	1 (4.0)	0
					PND 11	
Mass	0	0	0	0	1 (0.6)	0
Head; Small (1-5mm), 1, Right	0	0	0	0	1 (4.0)	0
					PND 12	
Mass	0	0	0	1 (0.6)	0	0
Head; Small (1-5mm), Left, 1	0	0	0	1 (4.8)	0	0
				PND 12-14		
Mass	0	0	0	0	1 (0.6)	0
Head; Small (1-5mm), Right, 1	0	0	0	0	1 (4.0)	0
					PND 13	
Missing	0	0	1 (0.6)	0	1 (0.6)	0
Tip of Tail	0	0	1 (4.3)	0	1 (4.0)	0
			PND 5-28		PND 5-28	
Scab	0	0	0	1 (0.6)	0	1 (0.5)
Face; Left	0	0	0	1 (4.8)	0	1 (3.7)
				PND 17		PND 7-11

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	Treatment Groups (ppm)					
	0	30	100	300	1000	3000
Scab	0	0	1 (0.6)	0	0	0
Face; Right	0	0	1 (4.3) PND 5	0	0	0
Scab	0	0	0	0	0	1 (0.5)
Neck; Left	0	0	0	0	0	1 (3.7) PND 7-11
Thin	0	0	1 (0.6)	1 (0.6)	0	0
	0	0	1 (4.3) PND 12	1 (4.8) PND 18	0	0
Wound	0	0	0	1 (0.6)	0	0
Head; Left	0	0	0	1 (4.8) PND 15-16	0	0

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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

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)

**** END OF REPORT ****