

**Study Number:** C15011B-01  
**Test Type:** TOX  
**Route:** Whole-Body Inhalation  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I05: Clinical Observations Summary**

**Test Compound:** 2-Ethyltoluene  
**CAS Number:** 611-14-3

**Date Report Requested:** 03/31/2021  
**Time Report Requested:** 08:39:29  
**Lab:** Battelle

**Study Number:** C15011B-01  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.1.9

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F0 Female

Phase	Observation	Treatment Groups (ppm)					
		0	150	300	600	900	1200
GD	Ataxia Moderate	0 / 12	0 / 12	0 / 11	0 / 12	0 / 12	1 / 12 GD 8
GD	Breathing, shallow	0 / 12	0 / 12	0 / 11	0 / 12	1 / 12 GD 9	1 / 12 GD 9
GD	Breathing, slow	0 / 12	0 / 12	0 / 11	0 / 12	0 / 12	1 / 12 GD 8
GD	Bruising Fore Paw	0 / 12	1 / 12 GD 11	0 / 11	0 / 12	1 / 12 GD 11	0 / 12
GD	Coat Ruffled	0 / 12	6 / 12 GD 9	9 / 11 GD 6	10 / 12 GD 6	10 / 12 GD 6	3 / 12 GD 6
GD	Cold To Touch	0 / 12	0 / 12	1 / 11 GD 18	0 / 12	3 / 12 GD 8	6 / 12 GD 7
GD	Discharge Eye; Bilateral, Clear	0 / 12	0 / 12	0 / 11	2 / 12 GD 7	0 / 12	1 / 12 GD 7
GD	Discharge Eye; Bilateral, Red	1 / 12 GD 11	0 / 12	1 / 11 GD 6	3 / 12 GD 7	8 / 12 GD 6	6 / 12 GD 6
GD	Discharge Eye; Left, Red	0 / 12	1 / 12 GD 17	1 / 11 GD 11	2 / 12 GD 7	2 / 12 GD 6	1 / 12 GD 6
GD	Discharge Eye; Red, Right	1 / 12 GD 12	1 / 12 GD 18	3 / 11 GD 6	0 / 12	1 / 12 GD 7	0 / 12

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Phase	Observation	Treatment Groups (ppm)					
		0	150	300	600	900	1200
GD	Discharge Nose/Snout; Bilateral, Red	4 / 12 GD 12	2 / 12 GD 12	3 / 11 GD 11	9 / 12 GD 6	12 / 12 GD 6	12 / 12 GD 6
GD	Discharge Nose/Snout; Left, Red	2 / 12 GD 15	0 / 12	0 / 11	0 / 12	0 / 12	0 / 12
GD	Discharge Vagina; Brown	1 / 12 GD 16	2 / 12 GD 15	2 / 11 GD 15	1 / 12 GD 15	0 / 12	1 / 12 GD 8
GD	Discharge Vagina; Clear	0 / 12	0 / 12	1 / 11 GD 20	0 / 12	0 / 12	0 / 12
GD	Discharge Vagina; Red	0 / 12	1 / 12 GD 14	3 / 11 GD 13	6 / 12 GD 8	10 / 12 GD 8	6 / 12 GD 8
GD	Discolored Fore Limb; Red, Right	0 / 12	1 / 12 GD 17	0 / 11	0 / 12	0 / 12	0 / 12
GD	Discolored Urine; Brown	0 / 12	0 / 12	0 / 11	0 / 12	1 / 12 GD 9	0 / 12
GD	Discolored Urine; Red	0 / 12	0 / 12	0 / 11	0 / 12	1 / 12 GD 7	0 / 12
GD	Feces Soft	0 / 12	0 / 12	0 / 11	3 / 12 GD 7	0 / 12	2 / 12 GD 6
GD	Hunched	0 / 12	0 / 12	0 / 11	2 / 12 GD 9	7 / 12 GD 7	9 / 12 GD 7

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		0	150	300	600	900	1200
GD	Lethargic	0 / 12	0 / 12	0 / 11	0 / 12	5 / 12 GD 8	8 / 12 GD 8
GD	Pale	0 / 12	0 / 12	0 / 11	3 / 12 GD 11	2 / 12 GD 8	0 / 12
GD	Salivation Post Dosing	0 / 12	0 / 12	0 / 11	0 / 12	1 / 12 GD 17	0 / 12
GD	Seizure	0 / 12	0 / 12	0 / 11	0 / 12	1 / 12 GD 17	0 / 12
GD	Thin	0 / 12	1 / 12 GD 12	0 / 11	3 / 12 GD 12	4 / 12 GD 14	0 / 12
GD	Tremors Mild	0 / 12	0 / 12	0 / 11	2 / 12 GD 6	0 / 12	0 / 12
LD	Coat Ruffled	0 / 12	0 / 12	0 / 11	4 / 11 LD 1	4 / 6 LD 1	
LD	Discharge Eye; Bilateral, Red	0 / 12	0 / 12	1 / 11 LD 1	0 / 11	0 / 6	
LD	Discharge Eye; Red, Right	1 / 12 LD 1	0 / 12	1 / 11 LD 4	0 / 11	0 / 6	
LD	Discharge Nose/Snout; Bilateral, Red	0 / 12	2 / 12 LD 1	1 / 11 LD 1	1 / 11 LD 1	0 / 6	

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F0 Female

Phase	Observation	Treatment Groups (ppm)					
		0	150	300	600	900	1200
LD	Discharge Nose/Snout; Left, Red	1 / 12 LD 1	0 / 12	0 / 11	0 / 11	0 / 6	
LD	Discharge Vagina; Red	0 / 12	1 / 12 LD 1	4 / 11 LD 1	2 / 11 LD 1	0 / 6	
LD	Feces Soft	1 / 12 LD 19	1 / 12 LD 19	0 / 11	0 / 11	0 / 6	
LD	Salivation Post Dosing	0 / 12	0 / 12	0 / 11	0 / 11	1 / 6 LD 1	
LD	Seizure	0 / 12	0 / 12	0 / 11	0 / 11	2 / 6 LD 1	
LD	Sneezing	0 / 12	1 / 12 LD 7	0 / 11	0 / 11	0 / 6	
LD	Thin	0 / 12	0 / 12	1 / 11 LD 1	0 / 11	0 / 6	

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F1 Male: F1 Core

Phase	Observation	Treatment Groups (ppm)			
		0	150	300	600
PND	Discolored Fore Paw; Left, Red	1 / 8 PND 31	0 / 8	0 / 8	0 / 8
PND	Discolored Fore Paw; Red, Right	0 / 8	1 / 8 PND 33	0 / 8	0 / 8
PND	Discolored Tip of Tail; Black	0 / 8	0 / 8	1 / 8 PND 29	0 / 8
PND	Missing Tip of Tail	0 / 8	0 / 8	1 / 8 PND 33	0 / 8
PND	Swelling Fore Limb; Left	1 / 8 PND 31	0 / 8	0 / 8	0 / 8
PND	Wound Tail	0 / 8	0 / 8	1 / 8 PND 29	0 / 8

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**F1 Female: F1 Core**

Phase	Observation	Treatment Groups (ppm)			
		0	150	300	600
PND	Discharge Nose/Snout; Bilateral, Red	1 / 8 PND 35	0 / 8	0 / 8	0 / 8
PND	Discolored Tip of Tail; Red	0 / 8	1 / 8 PND 29	0 / 8	0 / 8

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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 displays cumulative number of animals with observation / total animals started on study for SD days, total number of pregnant animals for GD days, or total number of littered females for LD days.

Lower row displays day of observation onset

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

F0 females listed as SD were not pregnant.

**\*\* END OF REPORT \*\***