APPENDIX D: HED Effects Table for Tribufos.

Results, as provided in the *Human Health Risk Assessment – Tribufos* (USEPA, 2000).

STUDY TYPE	MRID	RESULTS
Acute Oral - Rat	41954903	LD_{50} = 192 – 235 mg/kg-bw
Acute Dermal - Rabbit	41954902	LD_{50} = >1,000 mg/kg (male), <2,000 mg/kg (female)
Acute Inhalation - Rat	41782301	LC_{50} = 4,650 mg/m^3 (male), 2,460 mg/m^3 (female)
Primary Eye Irritation - Rat	None	Data not available
Primary Skin Irritation - Rat	41896203	Mild to moderate erythema, dry cracked skin, edema
Dermal Sensitization	41896203	Negative
Acute Neurotoxicity - Hen	None	Data not required
Chronic Toxicity - Dogs	42007203	Plasma cholinesterase inhibition - NOAEL = 0.1 mg/kg/day (LOAEL = 0.4 mg/kg/day); Red blood cell cholinesterase inhibition – NOAEL = 0.4 mg/kg/day (LOAEL = 1.7 mg/kg/day); Brain cholinesterase inhibition – NOAEL = 1.7 mg/kg/day (a LOAEL was not established)
Developmental Toxicity - Rat	40190601	Plasma and red blood cell cholinesterase inhibition – NOAEL = 1 mg/kg/day (LOAEL = 7 mg/kg/day); No developmental toxicity was observed (NOAEL ≥ 28 mg/kg/day)
Developmental Toxicity - Rabbit	40190602	Plasma and red blood cell cholinesterase inhibition – NOAEL not established (LOAEL = 1 mg/kg/day); Decreased maternal mean body weight – NOAEL = 3 mg/kg/day (LOAEL = 9 mg/kg/day); No developmental toxicity was observed (NOAEL ≥ 9 mg/kg/day)
Two-Generation Reproduction - Rat	42040101	Plasma cholinesterase inhibition – NOAEL not established (LOAEL = 0.2 mg/kg/day); Increased number of still born pups, and pup deaths, and decrease in pup body weights – NOAEL = 1.7 mg/kg/day (LOAEL = 15 mg/kg/day)