

Cal/Ecotox Toxicity Data for Red-legged Frog (*Rana aurora*)*

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Chemical	Tox Exposure	Endpoint Type	Endpoint Description	Endpoint Value	Note	Reference
DIURON	0, 0.5, 1.0, 3.8, 7.6, 14.5, 21.1, 29.1 mg/l	TOX-MORT - toxicity benchmarks	14 d LC50	22.2 mg/l (95% CI; 19.8 - 25.0)	a	1
DIURON	0, 0.5, 1.0, 3.8, 7.6, 14.5, 21.1, 29.1 mg/l	TOX-Non-Repro-Sublethal - whole animal	lowest NOAEL based on body weight endpoint	7.6 mg/l	b	1

Notes

- a Tadpole; Lab; NR; Species - California (R)=*Rana aurora*; TOX - Chemical=330-54-1; N=5/replicate; 3 replicates/dose; Age=7 d; Tox Exp Tech=waterborne; Tox Exp Dur=14 d; Tox Study Dur=14 d; Tox Stat Sig=NR
- b Tadpole; Lab; NR; Species - California (R)=*Rana aurora*; TOX - Chemical=330-54-1; TOX - Dose-Response Data Format=DR Figure; N=5/replicate; 3 replicates/dose; Age=7 d; Tox Exp Tech=waterborne; Tox Exp Dur=14 d; Tox Study Dur=14 d; Tox Stat Sig=Y

References

- 1 Schuytema, G.S. and A.V. Nebeker. 1998. Comparative toxicity of diuron on survival and growth of Pacific treefrog, bullfrog, red-legged frog and African clawed frog embryos and tadpoles. Arch. Environ. Contam. Toxicol. 34:370-376.

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