PAN Pesticides Database - Chemical Toxicity Studies on Aquatic Organisms

Toxicity Studies for Triclopyr, triethylamine salt on Zooplankton - Toxicology studies from the primary scientific literature on aquatic organisms

Use(s): Herbicide Chem Class: Chloropyridinyl U.S. EPA PC Code: 116002 CAS Number: 57213-69-1

Sorted by Organism Group, Effect, Measurement, Endpoint and LatinName.
Note: Only partial study information is reported on these pages. Full study information can be found at the U.S. EPA AQUIRE web site.

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Common Name / Scientific Name	Effect	Measurement	Life Stage	Study Time	Toxicity Endpoint	Toxic Dose			Conc Units	Conc Type	Chem Desc	Exper. Type	Acute Tox Rating	Outlier	Year	Journal
						Mean	Min	Max								
Zooplankton Show list of all Zooplankton Species																
Water flea *Daphnia magna*	Growth	Growth, general	NEONATE	21 d	NR	149,000	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C.I D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252
Water flea *Daphnia magna*	Growth	Growth, general	NEONATE	21 d	NR	290,000	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C.I D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252
Water flea *Daphnia magna*	Intoxication	Immobile	1st instar	48 h	EC50	132,900	104,500	216,700	ug/L	F	NR	Static			2000	Environ Effects Divis Washington,
Water flea *Daphnia magna*	Intoxication	Immobile	<24 h	48 h	EC50	775,000	614,000	1,108,000	ug/L	F	NR	Static			2000	Environ Effects Divis Washington,
Water flea *Daphnia magna*	Intoxication	Immobile	<24 h	48 h	EC50	1,496,000	-	-	ug/L	F	NR	Static			2000	Environ Effects Divis Washington,
Water flea *Daphnia magna*	Mortality	Mortality	NEONATE	48 h	LC50	1,170,000	1,030,000	1,340,000	ug/L	F	NR	Static	Not Acutely Toxic		1984	Bull.Environ. 32:497-502
Water flea *Daphnia magna*	Mortality	Mortality	NEONATE	21 d	LC50	1,140,000	950,000	1,590,000	ug/L	A	NR	Renewal	Not Acutely Toxic		1984	Bull.Environ. 32:497-502
Daggerblade grass shrimp *Palaemonetes pugio*	Mortality	Mortality	14 d	96 h	LC50	326,000	275,000	405,000	ug/L	F	NR	Flow through	Not Acutely Toxic		2000	Environ Effects Divis Washington,
Water flea *Daphnia magna*	Mortality	Mortality	NEONATE	21 d	NR	574,000	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C.I D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252
Water flea *Daphnia magna*	Mortality	Mortality	NEONATE	21 d	NR	1,177,000	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C.I D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252
Water flea *Daphnia magna*	Mortality	Survival	3-5 D	24 h	NR	-	60.0	430.0	ug/L	A	6%, GARLON 3A	Lentic - static water system without measurable flow rate (e.g. lake)			1996	Environ. 15(4):441-45
Scud order *Amphipoda*	Population	Abundance	NR	NR d	NR	-	60.0	430.0	ug/L	A	6%, GARLON 3A	Lentic - static water system without measurable flow rate (e.g. lake)			1996	Environ. 15(4):441-45

Copepod subclass Copepoda	Population	Abundance	NR	NR d	NR	-	60.0	430.0	ug/L	A	6%, GARLON 3A	Lentic - static water system without measurable flow rate (e.g. lake)			1996	Environ. 15(4):441-45
Water flea Daphnia magna	Reproduction	Reproduction, general	NEONATE	21 d	MATC	110,000	-	-	ug/L	A	NR	Renewal			1984	Bull.Environ. 32:497-502
Water flea Daphnia magna	Reproduction	Reproduction, general	NR	21 d	MATC	110,000	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C. D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252
Water flea Daphnia magna	Reproduction	Reproduction, general	NEONATE	21 d	NR	80,700	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C. D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252
Water flea Daphnia magna	Reproduction	Reproduction, general	NEONATE	21 d	NR	149,000	-	-	ug/L	A	44.9 % TRICLOPYR	Renewal			1985	In: R.C. D.J.Hansen Toxicology a Assessment Symposium, 891, Philade :245-252

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