9-30-92

Shaughnessey # 081901 Chemical Name Chlorothalonil Chemical Class ______

Study/Species/Lab/ MRID #	Chemical % a.i.	Results	Reviewer/ Date	Validation Status
14-Day EC_{50} Species: Lab: MRID #		EC_{50} = pp 95% C.L. ( ) Slope = # plants/vessel = Temperature = 14-Day Dose Level pp /(% Effect) ( ), ( ), ( ), ( ), ( ) Comments:		

5-Day EC_{50}
Tier 2,
L:-123-2
Species: Selenastrum capricornutum
Lab: Malcolm Pirnie, Inc. (MPI)
MRID # 424328-01
	97.9	EC_{50} (120 hrs) = 0.19 mg ai/l* ~~pp~~ 95% C.L. (0.18 - 0.21) -moving average mg/L
		Slope = n/a # Cells/ml = 3000
		NOEC = 0.1 mg/L (author) (OK use Reviewer's #'s) Temperature = 24±2°C
		5-Day Dose Level mg ai/l* ~~pp~~ /(% Effect)
		0.025 (0), 0.05 (0), 0.1 (17), 0.2 (43), 0.4 (92)
		Comments: *-based on nominal concentrations
		NOEC = 0.05 mg ai/l*
		LOEC = 0.1 mg ai/l*
			study → Rev.
			1992/1992
			T. Perry
			[signature]
			9/30/92
				"C"
				Core

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Study/Species/Lab/ MRID #	Chemical % a.i.	Results	Reviewer/ Date	Validation Status

48-Hour EC_{50}	54%	EC_{50} = 97 pp b* (95% C.L. Probit 86-109) Control Mortality (%) = 0
		48/FT
		Solvent Control Mortality (%) = N/A
		Species: Daphnia magna Slope = # Animals/Level = 20
		Temperature = 19-21°C
		Lab: Springborn Labs. Inc. (SBL)
		48-Hour Dose Level pp b*/(% Effect)
		27 (0), 49 (0), 86 (30), 140 (95), 227 (100)
		MRID # 424338-06
		Comments: * mean measured concentrations of active ingredient
		NOEC = 49 mg/L
			T. Perry Lab 9/28/92	1992/1992 "C" Core for formulated product.

96-Hour LC_{50}		LC_{50} = pp (95% C.L.) Control Mortality (%) = Solvent Control Mortality (%) = Species: Slope = # Animals/Level = Temperature = Lab: 96-Hour Dose Level pp /(% Mortality) ( ), ( ), ( ), ( ), ( ) MRID # Comments:		

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Study/Species/Lab/ MRID #	Chemical % a.i.	Results	Reviewer/ Date	Validation Status
48-Hour EC_{50}	_____	EC_{50} = pp (95% C.L.) Control Mortality (%) = Solvent Control Mortality (%) =		
Species:		Slope = # Animals/Level = Temperature =		
Lab:		48-Hour Dose Level pp /(% Effect) ( ), ( ), ( ), ( ), ( )	_____	_____
MRID #		Comments:		

96-Hour LC_{50}	54.1	LC_{50} = 26.3 pp* (95% C.L. Moving Average 22.1-32.0) Control Mortality (%) = 0		1992/1992
Weight .39 g (.21-.70)		FT/96 NOEC = 15 ug/L Solvent Control Mortality (%) = N/A		
Species: Lepomis macrochirus		Slope = N/A # Animals/Level = 20 Temperature = 22-23°C	T. Perry	
Lab: Springborn Labs, Inc. SBI		96-Hour Dose Level pp* /(% Mortality) 4 (5), 8 (5), 15 (0), 27 (15), 51 (95), 65 (100)	9/25/92	Core for formulated product
MRID # 424338-04		Comments: * mean measured concentrations of octave ingredient		

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Study/Species/Lab/ MRID #	Chemical % a.i.	Results	Reviewer/ Date	Validation Status
48-Hour EC_{50}	_____	EC_{50} = pp 95% C.L. ( ) Control Mortality (%) = Solvent Control Mortality (%) =		
Species:		Slope = # Animals/Level = Temperature =		
Lab:		48-Hour Dose Level pp /(% Effect) ( ), ( ), ( ), ( ), ( )	_____	_____
MRID #		Comments:		

96-Hour LC_{50}		* 95% C.L. logit		
2.9 g.	40.4	LC_{50} = 0.195 ppm (0.160-0.259) Control Mortality (%) = 0		
	96/S.	Solvent Control Mortality (%) = N/A		9/2/92
Species: Salmo gairdneri		Slope = 5.177 # Animals/Level = 10	T. Perry	
		Temperature = 13-14°C	LMR	Invalid
Lab: RRC Umweltchemie dg		96-Hour Dose Level pp * m /(% Mortality)	9/25/92	
MRID # 424338-05		0.095 (0), 0.171 (20), 0.308 (100), 0.556 (100), 1.0 (100)		
		Comments: * nominal concentrations NOEC : < 0.095 mg/L		

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Study/Species/Lab/ MRID #	Chemical % a.i.	Results	Reviewer/ Date	Validation Status
Chronic Fish Species: Lab: MRID #	_____	Concentrations Tested (pp___) = _____ MATC = >_____<_____ pp___. Effected Parameters = _____ Control Mortality (%) = Solvent Control Mortality (%) = Comments:	_____	_____
Chronic Invertebrate guide - 72-4 Species: Mysidopsis bahia ≤ 24hr old Lab: Springborn Labs. Inc. (SBL) MRID # 424338-07	100 %	Concentrations Tested (pp b*) = 0.65, 0.83, 1.2, 3.0, 5.7 MATC = > 0.83 < 1.2 pp b*. (28 day life cycle Effected Parameters = Reproductive output Control Mortality (%) = 23 Solvent Control Mortality (%) = 38 Comments: * mean measured concentrations	1991/92 // T. Perry 9/30/92	Invalid

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