

Summary of the Environmental Toxicity of Propazine (12/17/93)

Test Type	% a.i.	Species	Toxicity	Status
71-2a Bobwhite Quail	80W	LC50	7,950 ppm	34121 Suppl.
calculated for 100 %		LC50	6,360 ppm	
71-2b Mallard Duck	80W	LC50	32,000 ppm	34122 Suppl.
calculated for 100 %		LC50	25,600 ppm	
123-1(a) Tier II. Seedling growth	- minimal lethal concentrations (nutrient solution exposures)			
Sorghum	?? %	EC??*	51.4 ppm	5007255 Suppl.
Wheat	?? %	EC??*	0.82 ppm	5007255 Suppl.
Cucumber	?? %	EC??*	0.12 ppm	5007255 Suppl.
141.1 Honey Bee (contact)	?? %	2.47 % dead at 97 ug/bee	0036935	Suppl.
Rat	90 %	LD50 > 5,000 mg/kg	0238806	-
Mice	Tech.	LD50 > 5,000 mg/kg	-	-
Rabbit (dermal)	90 %	LD50 > 2,000 mg/kg	0238806	-
Rat (4-hr inhal.)	90 %	LC50 > 2.1 mg/l	0238806	-
Rat (4-hr inhal.)	80W	LC50 > 14 mg/l	-	-
Rat (90-day)	80W	NOEL 200 ppm	-	-
		LOEL 1,000 ppm	-	-
Dog (90-day)	80W	NOEL 200 ppm	-	-
		LOEL 1,000 ppm	-	-
Mice (2-year)	Tech.	NOEL 100 ppm	0243350	-
		LOEL 3,000 ppm	-	-
Oncogenic		NOEL > 3,000 ppm	-	-
Rat (3 generation)	Tech.	NOEL 100 ppm	0243356	-
		LOEL 1,000 ppm	decreased wt.	-
Rat (teratology)	99.1%	NOEL 10 ppm	0073885	-
		LOEL 100 ppm	dame wt. loss	-
fetal		LOEL 100 ppm	-	-
Incomplete ossification of skeletal structures				
Rat (teratology)	99.1%	NOEL < 300 ppm	0073885	Core
		LOEL 300 ppm	fetal wt. loss	-
		LOEL 300 ppm	dame wt. loss	-
Rat (teratology)	Tech.	NOEL 100 ppm	0070554	-
		LOEL 300 ppm	fetal wt. loss	-
		LOEL 300 ppm	maternal toxic	-
Rat (2-year)	Tech.	NOEL 100 ppm	0243353	-
		LOEL 1,000 ppm	decreased wt.	-
Oncogenic		NOEL 100 ppm	-	-
		LOEL 1,000 ppm	mammary tumors	-

* "minimal lethal concentrations"



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Test	Species	% a.i.	Test Results			MRID#	Status
72.1a	Bluegill	98.7%	LC50	> 10	ppm	00034124	Suppl.
72.1a	Goldfish	98.7%	LC50	> 32	ppm	00034125	Suppl.
72.1c	Rainbow Trout	98.7%	LC50	16.5	ppm	00034123	Core
124-2	Potamogeton	Field	NOEC	0.1	ppm	100918-S	Suppl.
	nodosus is (pondweed)	Test		3.0	ppm	(minimal effect)	
124-2	Chara vulgaris	Field	NOEC	0.1	ppm	100918-S	Suppl.
	lotus Musk-grass (green algae)	Test		3.0	ppm	(minimal effect)	
124-2	Nelumbo lutea (lotus lily)	Field	NOEC	3.0	ppm	100918-S	Suppl.
124-2	Scirpus validus (bulrush)	Field	NOEC	3.0	ppm	100918-S	Suppl.