



Hexazinone Direct Effects T-HERPS

Rate 8 Noncrop

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	2258.00	41.96	0.02	4.66	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2258.00	41.24	0.02	4.58	0.00	1196.78	0.53	74.80	0.03	1.43	0.00
238	2258.00	27.03	0.01	3.00	0.00	186.05	0.08	11.63	0.01	0.94	0.00

Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients										
LC50 (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
0	1080.00	#DIV/0!	120.00	#DIV/0!	1265.17	#DIV/0!	79.07	#DIV/0!	37.49	#DIV/0!

Size class not used for dietary risk quotients

Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients										
NOAEC (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
300	1080.00	3.60	120.00	0.40	1265.17	4.22	79.07	0.26	37.49	0.12

Size class not used for dietary risk quotients

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	2258.00	18.88	0.01	2.10	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2258.00	18.56	0.01	2.06	0.00	538.55	0.24	33.66	0.01	0.64	0.00
238	2258.00	12.16	0.01	1.35	0.00	83.72	0.04	5.23	0.00	0.42	0.00

Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients											
LC50 (ppm)	EECs and RQs										
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians		
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
0	486.00	#DIV/0!	54.00	#DIV/0!	569.33	#DIV/0!	35.58	#DIV/0!	16.87	#DIV/0!	

Size class not used for dietary risk quotients

Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients											
NOAEC (ppm)	EECs and RQs										
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians		
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
300	486.00	1.62	54.00	0.18	569.33	1.90	35.58	0.12	16.87	0.06	

Size class not used for dietary risk quotients

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	2258.00	15.73	0.01	1.75	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2258.00	15.46	0.01	1.72	0.00	448.79	0.20	28.05	0.01	0.54	0.00
238	2258.00	10.14	0.00	1.13	0.00	69.77	0.03	4.36	0.00	0.35	0.00

Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients										
LC50 (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
0	405.00	#DIV/0!	45.00	#DIV/0!	474.44	#DIV/0!	29.65	#DIV/0!	14.06	#DIV/0!

Size class not used for dietary risk quotients

Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients										
NOAEC (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
300	405.00	1.35	45.00	0.15	474.44	1.58	29.65	0.10	14.06	0.05

Size class not used for dietary risk quotients

Christmas Trees Rate 2

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	2258.00	10.49	0.00	1.17	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2258.00	10.31	0.00	1.15	0.00	299.20	0.13	18.70	0.01	0.36	0.00
238	2258.00	6.76	0.00	0.75	0.00	46.51	0.02	2.91	0.00	0.23	0.00

Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients										
LC50 (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
0	270.00	#DIV/0!	30.00	#DIV/0!	316.29	#DIV/0!	19.77	#DIV/0!	9.37	#DIV/0!

Size class not used for dietary risk quotients

Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients										
NOAEC (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
300	270.00	0.90	30.00	0.10	316.29	1.05	19.77	0.07	9.37	0.03

Size class not used for dietary risk quotients

Alfalfa Rate 1.5

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	2258.00	7.87	0.00	0.87	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2258.00	7.73	0.00	0.86	0.00	224.40	0.10	14.02	0.01	0.27	0.00
238	2258.00	5.07	0.00	0.56	0.00	34.89	0.02	2.18	0.00	0.18	0.00

Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients											
LC50 (ppm)	EECs and RQs										
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians		
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
0	202.50	#DIV/0!	22.50	#DIV/0!	237.22	#DIV/0!	14.83	#DIV/0!	7.03	#DIV/0!	

Size class not used for dietary risk quotients

Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients											
NOAEC (ppm)	EECs and RQs										
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians		
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	
300	202.50	0.68	22.50	0.08	237.22	0.79	14.83	0.05	7.03	0.02	

Size class not used for dietary risk quotients

Pasture Rate 1.1 lb/A

Summary of Risk Quotient Calculations Based on Upper Bound Kenaga EECs

Upper Bound Kenaga, Acute Terrestrial Herpetofauna Dose-Based Risk Quotients											
Size Class (grams)	Adjusted LD50	EECs and RQs									
		Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammal		Small Amphibians	
		EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
1.4	2258.00	5.77	0.00	0.64	0.00	N/A	N/A	N/A	N/A	N/A	N/A
37	2258.00	5.67	0.00	0.63	0.00	164.56	0.07	10.28	0.00	0.20	0.00
238	2258.00	3.72	0.00	0.41	0.00	25.58	0.01	1.60	0.00	0.13	0.00

Upper Bound Kenaga, Subacute Terrestrial Herpetofauna Dietary Based Risk Quotients										
LC50 (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
0	148.50	#DIV/0!	16.50	#DIV/0!	173.96	#DIV/0!	10.87	#DIV/0!	5.15	#DIV/0!

Size class not used for dietary risk quotients

Upper Bound Kenaga, Chronic Terrestrial Herpetofauna Dietary Based Risk Quotients										
NOAEC (ppm)	EECs and RQs									
	Broadleaf Plants/ Small Insects		Fruits/Pods/ Seeds/ Large Insects		Small Herbivore Mammals		Small Insectivore Mammals		Small Amphibians	
	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ	EEC	RQ
300	148.50	0.50	16.50	0.06	173.96	0.58	10.87	0.04	5.15	0.02

Size class not used for dietary risk quotients