Number	CAS Number	Chemical Name	Species Scientific Name	Species Common Name	Species Group
26	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
28	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
42	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
29	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
27	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
24	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
321	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lemna aequinoctiales	Duckweed	Flowers, Trees, Shrubs, Ferns
25	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pseudokirchneriella subcapitata	Green Algae	Algae, Moss, Fungi
13	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlorella sp.	Green Algae	Algae, Moss, Fungi
15	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlorella vulgaris	Green Algae	Algae, Moss, Fungi
30	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Scenedesmus acutus var. acutus	Green Algae	Algae, Moss, Fungi
322	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lemna minor	Duckweed	Flowers, Trees, Shrubs, Ferns
7	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlorella fusca ssp. vacuolata	Green Algae	Algae, Moss, Fungi
6	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlamydomonas sp.	Green Algae	Algae, Moss, Fungi
12	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlorella pyrenoidosa	Green Algae	Algae, Moss, Fungi
43	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Scenedesmus acutus	Green Algae	Algae, Moss, Fungi

11	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlorella pyrenoidosa	Green Algae	Algae, Moss, Fungi
327	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lemna minor	Duckweed	Flowers, Trees, Shrubs, Ferns
326	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lemna minor	Duckweed	Flowers, Trees, Shrubs, Ferns
5	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlamydomonas reinhardtii	Green Algae	Algae, Moss, Fungi
325	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lemna minor	Duckweed	Flowers, Trees, Shrubs, Ferns
35	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Thalassiosira weissflogii	Diatom	Algae, Moss, Fungi
17	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Desmodesmus subspicatus	Green Algae	Algae, Moss, Fungi
18	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Desmodesmus subspicatus	Green Algae	Algae, Moss, Fungi
251	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Oncorhynchus mykiss	Rainbow Trout	Fish
31	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Scenedesmus quadricauda	Green Algae	Algae, Moss, Fungi
32	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Scenedesmus sp.	Green Algae	Algae, Moss, Fungi
10	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chlorella pyrenoidosa	Green Algae	Algae, Moss, Fungi
224	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Danio rerio	Zebra Danio	Fish
252	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Oncorhynchus mykiss	Rainbow Trout	Fish
248	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Oncorhynchus mykiss	Rainbow Trout	Fish
150	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Ceriodaphnia dubia	Water Flea	Crustaceans
238	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lepomis macrochirus	Bluegill	Fish

364	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chironomus plumosus	Midge	Insects/Spiders
261	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
229	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Heteropneustes fossilis	Indian Catfish	Fish
228	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Heteropneustes fossilis	Indian Catfish	Fish
151	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Ceriodaphnia dubia	Water Flea	Crustaceans
236	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lepomis macrochirus	Bluegill	Fish
227	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Heteropneustes fossilis	Indian Catfish	Fish
262	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
218	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Carassius auratus	Goldfish	Fish
265	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
266	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
239	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lepomis macrochirus	Bluegill	Fish
23	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pavlova sp.	Chrysophyte	Algae, Moss, Fungi
148	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Ceriodaphnia dubia	Water Flea	Crustaceans
264	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
149	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Ceriodaphnia dubia	Water Flea	Crustaceans
164	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Tigriopus japonicus	Harpacticoid Copepod	Crustaceans

153	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Ceriodaphnia dubia	Water Flea	Crustaceans
263	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
367	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chironomus riparius	Midge	Insects/Spiders
267	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Pimephales promelas	Fathead Minnow	Fish
233	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Lepomis macrochirus	Bluegill	Fish
368	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chironomus riparius	Midge	Insects/Spiders
157	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Echinogammarus tibaldii	Amphipod	Crustaceans
365	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chironomus riparius	Midge	Insects/Spiders
369	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chironomus riparius	Midge	Insects/Spiders
158	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Gammarus italicus	Scud	Crustaceans
139	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Daphnia magna	Water Flea	Crustaceans
160	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Rhithropanopeus harrisii	Mud Crab	Crustaceans
366	15972608	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	Chironomus riparius	Midge	Insects/Spiders

Endpoint	Effect	Effect Measurement	Response Site	Response Site Description	Exposure Duratio	Exposure Duration (Days)	Min Duration Op	Min Duration (Days)	Max Duration Op
EC50	POP	ABND	NR	Not Reported		5		NR	
EC50	POP	GPOP	NR	Not Reported		4		NR	
IC50	POP	PGRT	NR	Not Reported		3		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
EC50	POP	CHLO	NR	Not Reported		4		NR	
EC50	POP	ABND	NR	Not Reported		3		NR	
EC50	GRO	GGRT	NR	Not Reported		7		NR	
EC50	POP	ABND	NR	Not Reported		3		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
EC50	POP	CHLO	NR	Not Reported		4		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
EC50	POP	ABND	NR	Not Reported		7		NR	
EC50	POP	ABND	NR	Not Reported		1		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
EC50	POP	GPOP	NR	Not Reported		4		NR	
IC50	POP	ABND	NR	Not Reported		1		NR	

EC50	POP	GPOP	NR	Not Reported		4		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
EC50	POP	GPOP	NR	Not Reported		4		NR	
EC50	POP	CHLO	NR	Not Reported		4		NR	
EC50	POP	ABND	NR	Not Reported		4		NR	
EC50	POP	PGRT	NR	Not Reported		2		NR	
EC50	POP	ABND	NR	Not Reported		3		NR	
EC50	POP	ABND	NR	Not Reported		3		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
EC50	POP	CHLO	NR	Not Reported		4		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
EC50	POP	DBLT	NR	Not Reported		1		NR	
LC50*	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
IC50	REP	GREP	NR	Not Reported		7		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	

EC50	ITX	IMBL	NR	Not Reported		2		NR	
LC50	MOR	MORT	NR	Not Reported		7		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		2		NR	
IC50	REP	GREP	NR	Not Reported		7		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		1		NR	
LC50	MOR	MORT	NR	Not Reported		7		NR	
LC50	MOR	MORT	NR	Not Reported		2		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
EC50	POP	PGRT	NR	Not Reported		4		NR	
IC50	REP	GREP	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		2		NR	
IC50	REP	GREP	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	

LC50	MOR	MORT	NR	Not Reported		2		NR	
LC50	MOR	MORT	NR	Not Reported		1		NR	
EC50	ITX	IMBL	NR	Not Reported		2		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		1		NR	
EC50	ITX	IMBL	NR	Not Reported		2		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
EC50	ITX	IMBL	NR	Not Reported		1		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
EC50	ITX	IMBL	NR	Not Reported		2		NR	
LC50	MOR	MORT	NR	Not Reported		4		NR	
EC50	ITX	IMBL	NR	Not Reported		1		NR	

Max Duration (Days)	Duration Units (Days)	Exposure Type	Chemical Analysi	Trend	Effect Percent	Effect Percent Min	Effect Percent Max	Statistical Significa	Signifi cance Level	Conc 1 Type (ug/L)
NR	d	S	NR	NR	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR		NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	NR	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	INC	NR	NR	NR	NA	NA	A
NR	d	S	M	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	NR	NR	NR		NR	NR	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F

NR	d	S	U	NR	NR	NR		NR	NR	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR		NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	NR	NR	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	S	U	DEC	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	R	U		NR	NR		NA	NA	F
NR	d	S	NR	NR	NR	NR	NR	NA	NA	F
NR	d	S	NR	INC	NR	NR	NR	NA	NA	F
NR	d	R	M	NR	NR	NR		NA	NA	A
NR	d	S	NR	NR	NR	NR	NR	NA	NA	F

NR	d	S	NR	INC	NR	NR	NR	NA	NA	F
NR	d	R	U	INC	NR	NR	NR	NA	NA	A
NR	d	NR	U		NR	NR		NA	NA	A
NR	d	NR	U		NR	NR		NA	NA	A
NR	d	R	M	NR	NR	NR		NA	NA	A
NR	d	S	NR	INC	NR	NR	NR	NA	NA	F
NR	d	NR	U		NR	NR		NA	NA	A
NR	d	R	U	INC	NR	NR	NR	NA	NA	A
NR	d	R	U	INC	NR	NR	NR	NA	NA	F
NR	d	F	M	INC	NR	NR	NR	NA	NA	A
NR	d	F	M	INC	NR	NR		NA	NA	A
NR	d	S	NR	NR	NR	NR	NR	NA	NA	F
NR	d	S	U	DEC	NR	NR	NR	NA	NA	A
NR	d	R	M	NR	NR	NR		NA	NA	A
NR	d	F	M	INC	NR	NR	NR	NA	NA	A
NR	d	R	M	NR	NR	NR		NA	NA	A
NR	d	R	U	INC	NR	NR	NR	NA	NA	F

NR	d	S	M	INC	NR	NR		NA	NA	A
NR	d	F	M	INC	NR	NR	NR	NA	NA	A
NR	d	S	U		NR	NR		NA	NA	A
NR	d	F	M		NR	NR		NA	NA	A
NR	d	S	NR	INC	NR	NR	NR	NA	NA	F
NR	d	S	U		NR	NR		NA	NA	A
NR	d	NR	U	INC	NR	NR		NA	NA	F
NR	d	S	U		NR	NR		NA	NA	A
NR	d	S	M	INC	NR	NR	NR	NA	NA	A
NR	d	NR	U	INC	NR	NR		NA	NA	F
NR	d	S	NR	INC	NR	NR	NR	NA	NA	F
NR	d	R	U	INC	NR	NR	NR	NA	NA	A
NR	d	S	U		NR	NR		NA	NA	A

Conc 1 Op (ug/L)	Conc 1 (ug/L)	Conc 1 Min Op	Conc Min 1 (ug/L)	Conc 1 Max Op (ug/L)	Conc 1 Max (ug/L)	Conc 2 (ug/L)	Conc Units (ug/L)
	1.64		1.48		1.82	NR	ug/L
	6		4		9	NR	ug/L
	6.5		6.2		6.9	NC	ug/L
	10		NR		NR	NR	ug/L
	10		NR		NR	NR	ug/L
	12		NR		NR	NC	ug/L
	14.028		NR		NR	NC	ug/L
	15		NR		NR	NC	ug/L
	26		16		35	NR	ug/L
	26		16		35	NR	ug/L
	27		19		37	NR	ug/L
	35.23		30.6		40.57	NC	ug/L
	37.79		132.2		147.8	NC	ug/L
	460		388		532	NR	ug/L
	96		NR		NR	NR	ug/L
	118.69		NR		NR	NC	ug/L

	126		NR		NR	NR	ug/L
	482		332		632	NR	ug/L
	198		80		316	NR	ug/L
	460		388		532	NR	ug/L
	482		332		632	NR	ug/L
	672		NR		NR	NC	ug/L
	880		NR		NR	NC	ug/L
	995		NR		NR	NC	ug/L
	1000		840		1200	NR	ug/L
	1328		986		1669	NR	ug/L
	1328		986		1669	NR	ug/L
	1429.76		NR		NR	NR	ug/L
	1750		800		2700	NR	ug/L
	1800		1500		2100	NR	ug/L
	2400		1840		3120	NR	ug/L
	2500		NR		NR	NR	ug/L
	2800		2500		3200	NR	ug/L

	3200		2300		4400	NR	ug/L
	3580		3080		4150	NC	ug/L
	3732		3686		3766	NR	ug/L
	4162		4123		4202	NR	ug/L
	4300		NR		NR	NR	ug/L
	4300		3530		5500	NR	ug/L
	4430		4375		4467	NR	ug/L
	4880		4260		5600	NC	ug/L
	5000		NR		NR	NC	ug/L
	5000		4500		5600	NR	ug/L
	5000		NR		NR	NR	ug/L
	5600		4700		6700	NR	ug/L
	5660.95		5239.25		6337.44	NC	ug/L
	5900		NR		NR	NR	ug/L
	6600		6300		7000	NR	ug/L
	7300		NR		NR	NR	ug/L
	7300		4800		10950	NR	ug/L

	7900		NR		NR	NR	ug/L
	9900		9300		10600	NR	ug/L
	10000		7400		13400	NR	ug/L
	5000		4500		5600	NR	ug/L
	11500		8580		15410	NR	ug/L
	12500		9700		16100	NR	ug/L
	13000		12500		13500	NR	ug/L
	13100		10300		16600	NR	ug/L
	17138.3		57.51		70.18	NC	ug/L
	19700		18700		21500	NR	ug/L
	21000		15900		27800	NR	ug/L
	26000		NR		NR	NR	ug/L
	27500		20600		36600	NR	ug/L

Media Type	Test Location	Reference Number	Author
FW	LAB	344	Office of Pesticide Programs
FW	LAB	18093	Fairchild, J.F., D.S. Ruessler, P.S. Haverland, and A.R. Carlson
FW	LAB	102060	Fai, P.B., A. Grant, and B. Reid
FW	LAB	61707	Fairchild, J.F., S.D. Ruessler, M.K. Nelson, and A.R. Carlson
FW	LAB	19461	Fairchild, J.F., D.S. Ruessler, and A.R. Carlson
FW	LAB	95833	Pavlic, Z., B. Stjepanovic, J. Horvatic, V. Persic, D. Puntaric, and J. Culig
FW	LAB	72796	Michel, A., R.D. Johnson, S.O. Duke, and B.E. Scheffler
FW	LAB	95833	Pavlic, Z., B. Stjepanovic, J. Horvatic, V. Persic, D. Puntaric, and J. Culig
FW	LAB	61707	Fairchild, J.F., S.D. Ruessler, M.K. Nelson, and A.R. Carlson
FW	LAB	19461	Fairchild, J.F., D.S. Ruessler, and A.R. Carlson
FW	LAB	118780	Bian, H., J. Chen, X. Cai, P. Liu, Y. Wang, L. Huang, X. Qiao, and C. Hao
FW	LAB	71619	Blackburn, R.A.
FW	LAB	73426	Junghans, M., T. Backhaus, M. Faust, M. Scholze, and L.H. Grimme
FW	LAB	61707	Fairchild, J.F., S.D. Ruessler, M.K. Nelson, and A.R. Carlson
FW	LAB	4338	Anton, F.A., M. Ariz, and M. Alia
FW	LAB	78497	Grossmann, K., R. Berghaus, and G. Retzlaff

FW	LAB	4338	Anton, F.A., M. Ariz, and M. Alia
FW	LAB	61707	Fairchild, J.F., S.D. Ruessler, M.K. Nelson, and A.R. Carlson
FW	LAB	18093	Fairchild, J.F., D.S. Ruessler, P.S. Haverland, and A.R. Carlson
FW	LAB	19461	Fairchild, J.F., D.S. Ruessler, and A.R. Carlson
FW	LAB	19461	Fairchild, J.F., D.S. Ruessler, and A.R. Carlson
SW	LAB	105925	Doherty, M.A.
FW	LAB	95833	Pavlic, Z., B. Stjepanovic, J. Horvatic, V. Persic, D. Puntaric, and J. Culig
FW	LAB	95833	Pavlic, Z., B. Stjepanovic, J. Horvatic, V. Persic, D. Puntaric, and J. Culig
FW	LAB	344	Office of Pesticide Programs
FW	LAB	19461	Fairchild, J.F., D.S. Ruessler, and A.R. Carlson
FW	LAB	61707	Fairchild, J.F., S.D. Ruessler, M.K. Nelson, and A.R. Carlson
FW	LAB	7485	Hawxby, K., B. Tubea, J. Ownby, and E. Basler
FW	LAB	10392	Bresch, H.
FW	LAB	344	Office of Pesticide Programs
FW	LAB	6797	Mayer, F.L.,Jr., and M.R. Ellersieck
FW	LAB	3590	Oris, J.T., R.W. Winner, and M.V. Moore
FW	LAB	344	Office of Pesticide Programs

FW	LAB	6797	Mayer, F.L.,Jr., and M.R. Ellersieck
FW	LAB	71619	Blackburn, R.A.
FW	LAB	4366	Chaturvedi, L.D., and K. Agrawal
FW	LAB	4366	Chaturvedi, L.D., and K. Agrawal
FW	LAB	3590	Oris, J.T., R.W. Winner, and M.V. Moore
FW	LAB	6797	Mayer, F.L.,Jr., and M.R. Ellersieck
FW	LAB	4366	Chaturvedi, L.D., and K. Agrawal
FW	LAB	71619	Blackburn, R.A.
FW	LAB	105141	Yi, X., H. Ding, Y. Lu, H. Liu, M. Zhang, and W. Jiang
FW	LAB	10635	Call, D.J., L.T. Brooke, R.J. Kent, S.H. Poirier, M.L. Knuth, P.J. Shubat, and E.J. Slick
FW	LAB	15031	Broderius, S.J., M.D. Kahl, and M.D. Hoglund
FW	LAB	344	Office of Pesticide Programs
SW	LAB	106637	Pennington, P.L.
FW	LAB	3590	Oris, J.T., R.W. Winner, and M.V. Moore
FW	LAB	10635	Call, D.J., L.T. Brooke, R.J. Kent, S.H. Poirier, M.L. Knuth, P.J. Shubat, and E.J. Slick
FW	LAB	3590	Oris, J.T., R.W. Winner, and M.V. Moore
SW	LAB	111315	Lee, K.W., S. Raisuddin, D.S. Hwang, H.G. Park, and J.S. Lee

FW	LAB	3590	Oris, J.T., R.W. Winner, and M.V. Moore
FW	LAB	10635	Call, D.J., L.T. Brooke, R.J. Kent, S.H. Poirier, M.L. Knuth, P.J. Shubat, and E.J. Slick
FW	LAB	3914	Buhl, K.J., and N.L. Faerber
FW	LAB	12858	Geiger, D.L., S.H. Poirier, L.T. Brooke, and D.J. Call
FW	LAB	6797	Mayer, F.L.,Jr., and M.R. Ellersieck
FW	LAB	3914	Buhl, K.J., and N.L. Faerber
FW	LAB	18621	Pantani, C., G. Pannunzio, M. De Cristofaro, A.A. Novelli, and M. Salvatori
FW	LAB	3914	Buhl, K.J., and N.L. Faerber
FW	LAB	65836	Osano, O., W. Admiraal, H.J.C. Klamer, D. Pastor, and E.A.J. Bleeker
FW	LAB	18621	Pantani, C., G. Pannunzio, M. De Cristofaro, A.A. Novelli, and M. Salvatori
FW	LAB	6797	Mayer, F.L.,Jr., and M.R. Ellersieck
FW	LAB	748	Takacs, R.L., R.B.,Jr. Forward, and W. Kirby-Smith
FW	LAB	3914	Buhl, K.J., and N.L. Faerber

Title	Source	Publication Year
Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB))	Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.	2000
Comparative Sensitivity of Selenastrum capricornutum and Lemna minor to Sixteen Herbicides	Arch. Environ. Contam. Toxicol.32(4): 353-357	1997
Chlorophyll a Fluorescence as a Biomarker for Rapid Toxicity Assessment	Environ. Toxicol. Chem.26(7): 1520-1531	2007
An Aquatic Risk Assessment of Four Herbicides Using Six Species of Algae and Five Species of Aquatic Macrophytes	Presented at the 1994 Meet.of the Soc.of Environ.Toxicol.Chem., Oct.30-Nov.3, 1994, Denver, CO: 8	1994
Comparative Sensitivity of Five Species of Macrophytes and Six Species of Algae to Atrazine, Metribuzin, Alachlor, and	Environ. Toxicol. Chem.17(9): 1830-1834	1998
Comparative Sensitivity of Green Algae to Herbicides Using Erlenmeyer Flask and Microplate Growth-Inhibition Assays	Bull. Environ. Contam. Toxicol.76(5): 883-890	2006
Dose-Response Relationships Between Herbicides with Different Modes of Action and Growth of Lemna paucicostata: An	Environ. Toxicol. Chem.23(4): 1074-1079	2004
Comparative Sensitivity of Green Algae to Herbicides Using Erlenmeyer Flask and Microplate Growth-Inhibition Assays	Bull. Environ. Contam. Toxicol.76(5): 883-890	2006
An Aquatic Risk Assessment of Four Herbicides Using Six Species of Algae and Five Species of Aquatic Macrophytes	Presented at the 1994 Meet.of the Soc.of Environ.Toxicol.Chem., Oct.30-Nov.3, 1994, Denver, CO: 8	1994
Comparative Sensitivity of Five Species of Macrophytes and Six Species of Algae to Atrazine, Metribuzin, Alachlor, and	Environ. Toxicol. Chem.17(9): 1830-1834	1998
Dechlorination of Chloroacetanilide Herbicides by Plant Growth Regulator Sodium Bisulfite	Water Res.43(14): 3566-3574	2009
The Effects of Single and Joint Toxicity of Atrazine and Alachlor on Three Non-Target Aquatic Organisms	M.S.Thesis, Univ.of Kansas, Lawrence, KS: 163 p.	1985
Predictability of Combined Effects of Eight Chloroacetanilide Herbicides on Algal Reproduction	Pest Manag. Sci.59(10): 1101-1110	2003
An Aquatic Risk Assessment of Four Herbicides Using Six Species of Algae and Five Species of Aquatic Macrophytes	Presented at the 1994 Meet.of the Soc.of Environ.Toxicol.Chem., Oct.30-Nov.3, 1994, Denver, CO: 8	1994
Ecotoxic Effects of Four Herbicides (Glyphosate, Alachlor, Chlortoluron and Isoproturon) on the Algae Chlorella	Sci. Total Environ.Suppl: 845-851	1993
Heterotrophic Plant Cell Suspension Cultures for Monitoring Biological Activity in Agrochemical Research. Comparison with	Pestic. Sci.35(3): 283-289	1992

Ecotoxic Effects of Four Herbicides (Glyphosate, Alachlor, Chlortoluron and Isoproturon) on the Algae Chlorella	Sci. Total Environ.Suppl: 845-851	1993
An Aquatic Risk Assessment of Four Herbicides Using Six Species of Algae and Five Species of Aquatic Macrophytes	Presented at the 1994 Meet.of the Soc.of Environ.Toxicol.Chem., Oct.30-Nov.3, 1994, Denver, CO: 8	1994
Comparative Sensitivity of Selenastrum capricornutum and Lemna minor to Sixteen Herbicides	Arch. Environ. Contam. Toxicol.32(4): 353-357	1997
Comparative Sensitivity of Five Species of Macrophytes and Six Species of Algae to Atrazine, Metribuzin, Alachlor, and	Environ. Toxicol. Chem.17(9): 1830-1834	1998
Comparative Sensitivity of Five Species of Macrophytes and Six Species of Algae to Atrazine, Metribuzin, Alachlor, and	Environ. Toxicol. Chem.17(9): 1830-1834	1998
Biochemical Toxicology of Herbicide Mixtures on Thalassiosira weisflogii	Ph.D.Thesis, Univ.of Maryland, College Park, MD: 276 p.	1997
Comparative Sensitivity of Green Algae to Herbicides Using Erlenmeyer Flask and Microplate Growth-Inhibition Assays	Bull. Environ. Contam. Toxicol.76(5): 883-890	2006
Comparative Sensitivity of Green Algae to Herbicides Using Erlenmeyer Flask and Microplate Growth-Inhibition Assays	Bull. Environ. Contam. Toxicol.76(5): 883-890	2006
Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB))	Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.	2000
Comparative Sensitivity of Five Species of Macrophytes and Six Species of Algae to Atrazine, Metribuzin, Alachlor, and	Environ. Toxicol. Chem.17(9): 1830-1834	1998
An Aquatic Risk Assessment of Four Herbicides Using Six Species of Algae and Five Species of Aquatic Macrophytes	Presented at the 1994 Meet.of the Soc.of Environ.Toxicol.Chem., Oct.30-Nov.3, 1994, Denver, CO: 8	1994
Effects of Various Classes of Herbicides on Four Species of Algae	Pestic. Biochem. Physiol.7(3): 203-209	1977
Investigation of the Long-Term Action of Xenobiotics on Fish with Special Regard to Reproduction	Ecotoxicol. Environ. Saf.6(1): 102-112	1982
Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB))	Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.	2000
Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals	Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC: 505 p.	1986
A Four-Day Survival and Reproduction Toxicity Test for Ceriodaphnia dubia	Environ. Toxicol. Chem.10(2): 217-224	1991
Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB))	Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.	2000

Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals	Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC: 505 p.	1986
The Effects of Single and Joint Toxicity of Atrazine and Alachlor on Three Non-Target Aquatic Organisms	M.S.Thesis, Univ.of Kansas, Lawrence, KS: 163 p.	1985
Physiological Responses of Fish to Rogor and Alachlor Part I. General Impact on Heteropneustes fossilis	Uttar Pradesh J. Zool.11(2): 93-102	1991
Physiological Responses of Fish to Rogor and Alachlor Part I. General Impact on Heteropneustes fossilis	Uttar Pradesh J. Zool.11(2): 93-102	1991
A Four-Day Survival and Reproduction Toxicity Test for Ceriodaphnia dubia	Environ. Toxicol. Chem.10(2): 217-224	1991
Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals	Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC: 505 p.	1986
Physiological Responses of Fish to Rogor and Alachlor Part I. General Impact on Heteropneustes fossilis	Uttar Pradesh J. Zool.11(2): 93-102	1991
The Effects of Single and Joint Toxicity of Atrazine and Alachlor on Three Non-Target Aquatic Organisms	M.S.Thesis, Univ.of Kansas, Lawrence, KS: 163 p.	1985
Effects of Long-Term Alachlor Exposure on Hepatic Antioxidant Defense and Detoxifying Enzyme Activities in Crucian Carp (Carassius	Chemosphere68(8): 1576-1581	2007
Toxicity, Uptake, and Elimination of the Herbicides Alachlor and Dinoseb in Freshwater Fish	J. Environ. Qual.13(3): 493-498	1984
Use of Joint Toxic Response to Define the Primary Mode of Toxic Action for Diverse Industrial Organic Chemicals	Environ. Toxicol. Chem.14(9): 1591-1605	1995
Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB))	Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.	2000
The Toxicity of the Herbicides Atrazine and Alachlor on the Estuarine Phytoplankter Pavlova sp. (Prymnesiophyceae) with an	M.S.Thesis, Univ.of Charleston, Charleston, SC: 142 p.	1996
A Four-Day Survival and Reproduction Toxicity Test for Ceriodaphnia dubia	Environ. Toxicol. Chem.10(2): 217-224	1991
Toxicity, Uptake, and Elimination of the Herbicides Alachlor and Dinoseb in Freshwater Fish	J. Environ. Qual.13(3): 493-498	1984
A Four-Day Survival and Reproduction Toxicity Test for Ceriodaphnia dubia	Environ. Toxicol. Chem.10(2): 217-224	1991
Acute Toxicities of Trace Metals and Common Xenobiotics to the Marine Copepod Tigriopus Japonicus: Evaluation of Its Use as a	Environ. Toxicol.22(5): 532-538	2007

A Four-Day Survival and Reproduction Toxicity Test for Ceriodaphnia dubia	Environ. Toxicol. Chem.10(2): 217-224	1991
Toxicity, Uptake, and Elimination of the Herbicides Alachlor and Dinoseb in Freshwater Fish	J. Environ. Qual.13(3): 493-498	1984
Acute Toxicity of Selected Herbicides and Surfactants to Larvae of the Midge Chironomus riparius	Arch. Environ. Contam. Toxicol.18(4): 530-536	1989
Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas) Volume III	Center for Lake Superior Environmental Studies, University of Wisconsin, Superior, WI: 328 p.	1986
Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals	Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC: 505 p.	1986
Acute Toxicity of Selected Herbicides and Surfactants to Larvae of the Midge Chironomus riparius	Arch. Environ. Contam. Toxicol.18(4): 530-536	1989
Comparative Acute Toxicity of Some Pesticides, Metals, and Surfactants to Gammarus italicus Goedm. and	Bull. Environ. Contam. Toxicol.59(6): 963-967	1997
Acute Toxicity of Selected Herbicides and Surfactants to Larvae of the Midge Chironomus riparius	Arch. Environ. Contam. Toxicol.18(4): 530-536	1989
Comparative Toxic and Genotoxic Effects of Chloroacetanilides, Formamidines and Their Degradation Products on Vibrio fischeri and	Environ. Pollut.119(2): 195-202	2002
Comparative Acute Toxicity of Some Pesticides, Metals, and Surfactants to Gammarus italicus Goedm. and	Bull. Environ. Contam. Toxicol.59(6): 963-967	1997
Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals	Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC: 505 p.	1986
Effects of the Herbicide Alachlor on Larval Development of the Mud Crab, Rhithropanopeus harrisii (Gould)	Estuaries11(2): 79-82	1988
Acute Toxicity of Selected Herbicides and Surfactants to Larvae of the Midge Chironomus riparius	Arch. Environ. Contam. Toxicol.18(4): 530-536	1989

Comments	Changes	Purity
		F: 98,6%
		F:100%/Comment:ALACHLOR/Solvent:Sulfinyl bis(methane) DMSO
		F:NR/Comment:ALACHLOR
		F: 99,9%/Form:PU/Comment: ALACHLOR
exp. type OK	uM to ug/L (0,052)	
		F: 99,9%/Form:PU/Comment: ALACHLOR
		F:NR/Comment:ALACHLOR
	nM/L to ug/L (140,1)	
		F:NR/ Comment:ALACHLOR
	M to ug/L (0,00000044)	F:100%/Solvent:Methanol

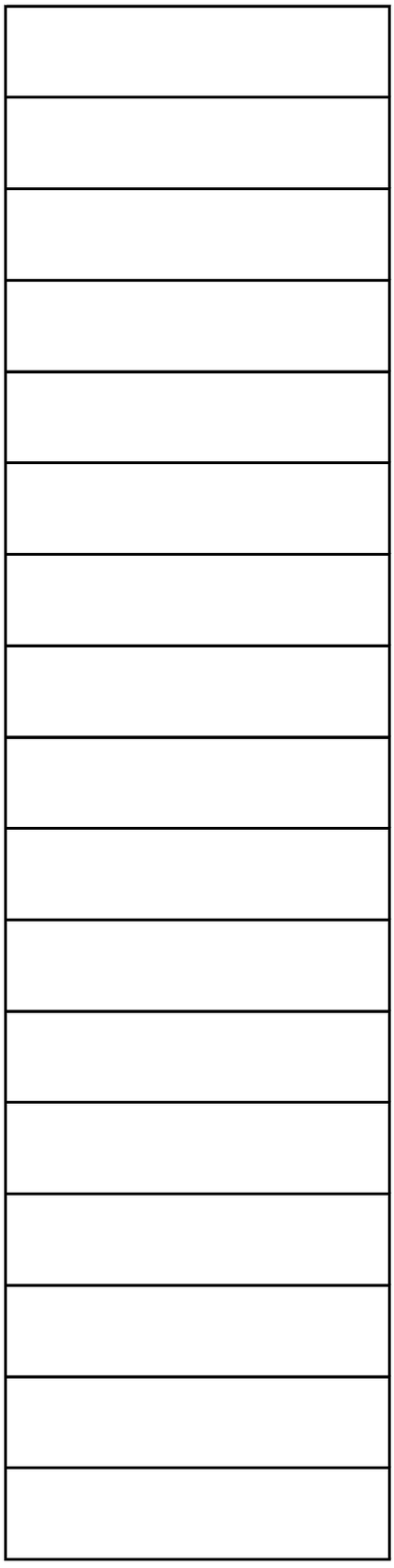
		F:NR/Comment:ALACHLOR
		F:>=98%/Comment:ALACHLOR/Solvent:Methanol
		F:99,9%/Form:PU/ Comment:ALACHLOR
		F:99,9%/Form:PU/ Comment:ALACHLOR
		F: 93,8%
		F:NR/Comment:ALACHLOR
	uM to ug/L (5,3)/media type NR to **FW**	
	conc calculated from min&max	F:NR/Solvent:Ethanol
		F: 90%
		F:100%/Form:PU/Comment: TECHNICAL MATERIAL
		F:90%

		F:93% / Form: PU/Comment:TECHNICAL MATERIAL
exp. type NR		
exp. type NR		
		F:100%/Form:PU/Comment: TECHNICAL MATERIAL
exp. type NR		
	exp.type changed from NR to R	F:99% / Form:PU/Comment:ALACHLOR
		F:93,8%
		F:99,9%/Comment:ALACHLOR/Solvent:Sulfinyl bis(methane) DMSO

		F:100%/Form:PU/Comment: TECHNICAL MATERIAL
exp.type OK		F:99%/Comment:ALACHLOR/ Form:PU/Solvent:2-Propanone or water
	uM to ug/L (63,53)	
exp.type OK		F:99%/Comment:ALACHLOR/ Form:PU/Solvent:2-Propanone or water
		F:93% / Form: PU/Comment:TECHNICAL MATERIAL

Duplicates
dupl:diff.eff.meas/diff.source
dupl:diff.eff.meas/diff.source

dupl:diff.eff.meas/diff.source



dupl:diff source,author

Number	CAS Number	Chemical Name	Species Scientific Name	Species Common Name
26	15972608	2-Chloro-N-(2,6-	Pseudokirchneriella subcapitata	Green Algae
28	15972608	2-Chloro-N-(2,6-	Pseudokirchneriella subcapitata	Green Algae
42	15972608	2-Chloro-N-(2,6-	Pseudokirchneriella subcapitata	Green Algae
27	15972608	2-Chloro-N-(2,6-	Pseudokirchneriella subcapitata	Green Algae
24	15972608	2-Chloro-N-(2,6-	Pseudokirchneriella subcapitata	Green Algae
321	15972608	2-Chloro-N-(2,6-	Lemna aequinoctiales	Duckweed
25	15972608	2-Chloro-N-(2,6-	Pseudokirchneriella subcapitata	Green Algae
8	15972608	2-Chloro-N-(2,6-	Chlorella kessleri	Green Algae
13	15972608	2-Chloro-N-(2,6-	Chlorella sp.	Green Algae
15	15972608	2-Chloro-N-(2,6-	Chlorella vulgaris	Green Algae
30	15972608	2-Chloro-N-(2,6-	Scenedesmus acutus var. acutus	Green Algae
9	15972608	2-Chloro-N-(2,6-	Chlorella kessleri	Green Algae
322	15972608	2-Chloro-N-(2,6-	Lemna minor	Duckweed
7	15972608	2-Chloro-N-(2,6-	Chlorella fusca ssp. vacuolata	Green Algae
12	15972608	2-Chloro-N-(2,6-	Chlorella pyrenoidosa	Green Algae
43	15972608	2-Chloro-N-(2,6-	Scenedesmus acutus	Green Algae
11	15972608	2-Chloro-N-(2,6-	Chlorella pyrenoidosa	Green Algae
326	15972608	2-Chloro-N-(2,6-	Lemna minor	Duckweed
5	15972608	2-Chloro-N-(2,6-	Chlamydomonas reinhardtii	Green Algae
325	15972608	2-Chloro-N-(2,6-	Lemna minor	Duckweed
35	15972608	2-Chloro-N-(2,6-	Thalassiosira weissflogii	Diatom
17	15972608	2-Chloro-N-(2,6-	Desmodesmus subspicatus	Green Algae
18	15972608	2-Chloro-N-(2,6-	Desmodesmus subspicatus	Green Algae
251	15972608	2-Chloro-N-(2,6-	Oncorhynchus mykiss	Rainbow Trout
31	15972608	2-Chloro-N-(2,6-	Scenedesmus quadricauda	Green Algae
32	15972608	2-Chloro-N-(2,6-	Scenedesmus sp.	Green Algae
10	15972608	2-Chloro-N-(2,6-	Chlorella pyrenoidosa	Green Algae
224	15972608	2-Chloro-N-(2,6-	Danio rerio	Zebra Danio
252	15972608	2-Chloro-N-(2,6-	Oncorhynchus mykiss	Rainbow Trout
248	15972608	2-Chloro-N-(2,6-	Oncorhynchus mykiss	Rainbow Trout

150	15972608	2-Chloro-N-(2,6-	Ceriodaphnia dubia	Water Flea
238	15972608	2-Chloro-N-(2,6-	Lepomis macrochirus	Bluegill
364	15972608	2-Chloro-N-(2,6-	Chironomus plumosus	Midge
261	15972608	2-Chloro-N-(2,6-	Pimephales promelas	Fathead Minnow
111	15972608	2-Chloro-N-(2,6-	Xenopus laevis	African Clawed Frog
229	15972608	2-Chloro-N-(2,6-	Heteropneustes fossilis	Indian Catfish
228	15972608	2-Chloro-N-(2,6-	Heteropneustes fossilis	Indian Catfish
151	15972608	2-Chloro-N-(2,6-	Ceriodaphnia dubia	Water Flea
236	15972608	2-Chloro-N-(2,6-	Lepomis macrochirus	Bluegill
227	15972608	2-Chloro-N-(2,6-	Heteropneustes fossilis	Indian Catfish
262	15972608	2-Chloro-N-(2,6-	Pimephales promelas	Fathead Minnow
218	15972608	2-Chloro-N-(2,6-	Carassius auratus	Goldfish
265	15972608	2-Chloro-N-(2,6-	Pimephales promelas	Fathead Minnow
266	15972608	2-Chloro-N-(2,6-	Pimephales promelas	Fathead Minnow
239	15972608	2-Chloro-N-(2,6-	Lepomis macrochirus	Bluegill
23	15972608	2-Chloro-N-(2,6-	Pavlova sp.	Chrysophyte
148	15972608	2-Chloro-N-(2,6-	Ceriodaphnia dubia	Water Flea
264	15972608	2-Chloro-N-(2,6-	Pimephales promelas	Fathead Minnow
149	15972608	2-Chloro-N-(2,6-	Ceriodaphnia dubia	Water Flea
164	15972608	2-Chloro-N-(2,6-	Tigriopus japonicus	Harpacticoid Copepod
153	15972608	2-Chloro-N-(2,6-	Ceriodaphnia dubia	Water Flea
263	15972608	2-Chloro-N-(2,6-	Pimephales promelas	Fathead Minnow
367	15972608	2-Chloro-N-(2,6-	Chironomus riparius	Midge
233	15972608	2-Chloro-N-(2,6-	Lepomis macrochirus	Bluegill
368	15972608	2-Chloro-N-(2,6-	Chironomus riparius	Midge
157	15972608	2-Chloro-N-(2,6-	Echinogammarus tibaldii	Amphipod
365	15972608	2-Chloro-N-(2,6-	Chironomus riparius	Midge
369	15972608	2-Chloro-N-(2,6-	Chironomus riparius	Midge
158	15972608	2-Chloro-N-(2,6-	Gammarus italicus	Scud
139	15972608	2-Chloro-N-(2,6-	Daphnia magna	Water Flea
160	15972608	2-Chloro-N-(2,6-	Rhithropanopeus harrisii	Mud Crab
366	15972608	2-Chloro-N-(2,6-	Chironomus riparius	Midge

Species Group	Endpoint	Effect	Measurement	Response Site	Site Description	Duration Op (Days)	Duration (Days)
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		5
Algae, Moss, Fungi	EC50	POP	GPOP	NR	Not Reported		4
Algae, Moss, Fungi	IC50	POP	PGRT	NR	Not Reported		3
Algae, Moss, Fungi	EC50	POP	CHLO	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		3
Flowers, Trees, Shrubs, Ferns	EC50	GRO	GGRT	NR	Not Reported		7
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		3
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		3
Algae, Moss, Fungi	EC50	POP	PGRT	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	CHLO	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	PGRT	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		3
Flowers, Trees, Shrubs, Ferns	EC50	POP	ABND	NR	Not Reported		7
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		1
Algae, Moss, Fungi	EC50	POP	GPOP	NR	Not Reported		4
Algae, Moss, Fungi	IC50	POP	ABND	NR	Not Reported		1
Algae, Moss, Fungi	EC50	POP	GPOP	NR	Not Reported		4
Flowers, Trees, Shrubs, Ferns	EC50	POP	GPOP	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	CHLO	NR	Not Reported		4
Flowers, Trees, Shrubs, Ferns	EC50	POP	ABND	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	PGRT	NR	Not Reported		2
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		3
Algae, Moss, Fungi	EC50	POP	ABND	NR	Not Reported		3
Fish	LC50	MOR	MORT	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	CHLO	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	PGRT	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	DBLT	NR	Not Reported		1
Fish	LC50*	MOR	MORT	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		4

Crustaceans	IC50	REP	GREP	NR	Not Reported		7
Fish	LC50	MOR	MORT	NR	Not Reported		4
Insects/Spiders	EC50	ITX	IMBL	NR	Not Reported		2
Fish	LC50	MOR	MORT	NR	Not Reported		7
Amphibians	EC50	DVP	ABNM	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		2
Crustaceans	IC50	REP	GREP	NR	Not Reported		7
Fish	LC50	MOR	MORT	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		1
Fish	LC50	MOR	MORT	NR	Not Reported		7
Fish	LC50	MOR	MORT	NR	Not Reported		2
Fish	LC50	MOR	MORT	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		4
Algae, Moss, Fungi	EC50	POP	PGRT	NR	Not Reported		4
Crustaceans	IC50	REP	GREP	NR	Not Reported		4
Fish	LC50	MOR	MORT	NR	Not Reported		2
Crustaceans	IC50	REP	GREP	NR	Not Reported		4
Crustaceans	LC50	MOR	MORT	NR	Not Reported		4
Crustaceans	LC50	MOR	MORT	NR	Not Reported		2
Fish	LC50	MOR	MORT	NR	Not Reported		1
Insects/Spiders	EC50	ITX	IMBL	NR	Not Reported		2
Fish	LC50	MOR	MORT	NR	Not Reported		1
Insects/Spiders	EC50	ITX	IMBL	NR	Not Reported		2
Crustaceans	LC50	MOR	MORT	NR	Not Reported		4
Insects/Spiders	EC50	ITX	IMBL	NR	Not Reported		1
Insects/Spiders	LC50	MOR	MORT	NR	Not Reported		4
Crustaceans	LC50	MOR	MORT	NR	Not Reported		4
Crustaceans	EC50	ITX	IMBL	NR	Not Reported		2
Crustaceans	LC50	MOR	MORT	NR	Not Reported		4
Insects/Spiders	EC50	ITX	IMBL	NR	Not Reported		1

Duration Op (Days)	Duration (Days)	Duration Op (Days)	Duration (Days)	Units (Days)	Exposure Type	Chemical Analysis	Trend	Effect Percent
	NR		NR	d	S	NR	NR	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	NR	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	INC	NR
	NR		NR	d	S	M	DEC	NR
	NR		NR	d	S	U	NR	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	NR	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	NR	NR	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	R	U		NR
	NR		NR	d	S	NR	NR	NR
	NR		NR	d	S	NR	INC	NR

	NR		NR	d	R	M	NR	NR
	NR		NR	d	S	NR	NR	NR
	NR		NR	d	S	NR	INC	NR
	NR		NR	d	R	U	INC	NR
	NR		NR	d	R	U	INC	NR
	NR		NR	d	NR	U		NR
	NR		NR	d	NR	U		NR
	NR		NR	d	R	M	NR	NR
	NR		NR	d	S	NR	INC	NR
	NR		NR	d	NR	U		NR
	NR		NR	d	R	U	INC	NR
	NR		NR	d	R	U	INC	NR
	NR		NR	d	F	M	INC	NR
	NR		NR	d	F	M	INC	NR
	NR		NR	d	S	NR	NR	NR
	NR		NR	d	S	U	DEC	NR
	NR		NR	d	R	M	NR	NR
	NR		NR	d	F	M	INC	NR
	NR		NR	d	R	M	NR	NR
	NR		NR	d	R	U	INC	NR
	NR		NR	d	S	M	INC	NR
	NR		NR	d	F	M	INC	NR
	NR		NR	d	S	U		NR
	NR		NR	d	S	NR	INC	NR
	NR		NR	d	S	U		NR
	NR		NR	d	NR	U	INC	NR
	NR		NR	d	S	U		NR
	NR		NR	d	S	M	INC	NR
	NR		NR	d	NR	U	INC	NR
	NR		NR	d	S	NR	INC	NR
	NR		NR	d	R	U	INC	NR
	NR		NR	d	S	U		NR

Percent Min	Percent Max	Significance	Significance Level	Type (ug/L)	Conc 1 Op (ug/L)	Conc 1 (ug/L)	Min Op (ug/L)	Conc Min 1 (ug/L)
NR	NR	NA	NA	F		1.64		1.48
NR		NA	NA	A		6		4
NR	NR	NA	NA	F		6.5		6.2
NR	NR	NA	NA	A		10		NR
NR	NR	NA	NA	F		12		NR
NR	NR	NA	NA	A		14.028		NR
NR	NR	NA	NA	F		15		NR
NR	NR	NA	NA	F		22		NR
NR	NR	NA	NA	F		26		16
NR	NR	NA	NA	A		26		16
NR	NR	NA	NA	A		27		19
NR	NR	NA	NA	F		32		NR
NR	NR	NA	NA	A		35.23		30.6
NR	NR	NA	NA	A		37.79		132.2
NR		NR	NR	A		96		NR
NR	NR	NA	NA	F		118.69		NR
NR		NR	NR	A		126		NR
NR		NA	NA	A		198		80
NR	NR	NA	NA	A		460		388
NR	NR	NA	NA	A		482		332
NR	NR	NA	NA	F		672		NR
NR	NR	NA	NA	F		880		NR
NR	NR	NA	NA	F		995		NR
NR	NR	NA	NA	F		1000		840
NR	NR	NA	NA	A		1328		986
NR	NR	NA	NA	F		1328		986
NR	NR	NA	NA	A		1429.76		NR
NR		NA	NA	F		1750		800
NR	NR	NA	NA	F		1800		1500
NR	NR	NA	NA	F		2400		1840

NR		NA	NA	A		2500		NR
NR	NR	NA	NA	F		2800		2500
NR	NR	NA	NA	F		3200		2300
NR	NR	NA	NA	A		3580		3080
NR	NR	NA	NA	F		3587.9		5.38
NR		NA	NA	A		3732		3686
NR		NA	NA	A		4162		4123
NR		NA	NA	A		4300		NR
NR	NR	NA	NA	F		4300		3530
NR		NA	NA	A		4430		4375
NR	NR	NA	NA	A		4880		4260
NR	NR	NA	NA	F		5000		NR
NR	NR	NA	NA	A		5000		4500
NR		NA	NA	A		5000		NR
NR	NR	NA	NA	F		5600		4700
NR	NR	NA	NA	A		5660.95		5239.25
NR		NA	NA	A		5900		NR
NR	NR	NA	NA	A		6600		6300
NR		NA	NA	A		7300		NR
NR	NR	NA	NA	F		7300		4800
NR		NA	NA	A		7900		NR
NR	NR	NA	NA	A		9900		9300
NR		NA	NA	A		10000		7400
NR	NR	NA	NA	F		11500		8580
NR		NA	NA	A		12500		9700
NR		NA	NA	F		13000		12500
NR		NA	NA	A		13100		10300
NR	NR	NA	NA	A		17138.3		57.51
NR		NA	NA	F		19700		18700
NR	NR	NA	NA	F		21000		15900
NR	NR	NA	NA	A		26000		NR
NR		NA	NA	A		27500		20600

Max Op (ug/L)	Max (ug/L)	Conc 2 (ug/L)	Units (ug/L)	Media Type	Test Location	Reference Number	Author	Title
	1.82	NR	ug/L	FW	LAB	344	Office of Pesticide	Pesticide Ecotoxicit
	9	NR	ug/L	FW	LAB	18093	Fairchild, J.F., D.S.	Comparati ve
	6.9	NC	ug/L	FW	LAB	102060	Pal, P.B., A. Grant,	Chlorophy ll a
	NR	NR	ug/L	FW	LAB	19461	Fairchild, J.F., D.S.	Comparati ve
	NR	NC	ug/L	FW	LAB	95833	Pavlic, Z., B.	Comparati ve
	NR	NC	ug/L	FW	LAB	72796	Michel, A., R.D.	Dose-Response
	NR	NC	ug/L	FW	LAB	95833	Pavlic, Z., B.	Comparati ve
	NR	NC	ug/L	FW	LAB	95833	Pavlic, Z., B.	Comparati ve
	35	NR	ug/L	FW	LAB	61707	Fairchild, J.F., S.D.	An Aquatic
	35	NR	ug/L	FW	LAB	19461	Fairchild, J.F., D.S.	Comparati ve
	37	NR	ug/L	FW	LAB	118780	Bian, H., J. Chen, X.	Dechlorin ation of
	NR	NC	ug/L	FW	LAB	95833	Pavlic, Z., B.	Comparati ve
	40.57	NC	ug/L	FW	LAB	71619	Blackburn, R.A.	The Effects of
	147.8	NC	ug/L	FW	LAB	73426	Junghans, M., T.	Predictabil ity of
	NR	NR	ug/L	FW	LAB	4338	Anton, F.A., M.	Ecotoxic Effects of
	NR	NC	ug/L	FW	LAB	78497	Grossman n, K., R.	Heterotro phic Plant
	NR	NR	ug/L	FW	LAB	4338	Anton, F.A., M.	Ecotoxic Effects of
	316	NR	ug/L	FW	LAB	18093	Fairchild, J.F., D.S.	Comparati ve
	532	NR	ug/L	FW	LAB	19461	Fairchild, J.F., D.S.	Comparati ve
	632	NR	ug/L	FW	LAB	19461	Fairchild, J.F., D.S.	Comparati ve
	NR	NC	ug/L	SW	LAB	105925	Doherty, M.A.	Biochemic al
	NR	NC	ug/L	FW	LAB	95833	Pavlic, Z., B.	Comparati ve
	NR	NC	ug/L	FW	LAB	95833	Pavlic, Z., B.	Comparati ve
	1200	NR	ug/L	FW	LAB	344	Office of Pesticide	Pesticide Ecotoxicit
	1669	NR	ug/L	FW	LAB	19461	Fairchild, J.F., D.S.	Comparati ve
	1669	NR	ug/L	FW	LAB	61707	Fairchild, J.F., S.D.	An Aquatic
	NR	NR	ug/L	FW	LAB	7485	Hawxby, K., B.	Effects of Various
	2700	NR	ug/L	FW	LAB	10392	Bresch, H.	Investigati on of the
	2100	NR	ug/L	FW	LAB	344	Office of Pesticide	Pesticide Ecotoxicit
	3120	NR	ug/L	FW	LAB	6797	Mayer, F.L.,Jr.,	Manual of Acute

	NR	NR	ug/L	FW	LAB	3590	Ohs, J.T., R.W.	A Four-Day
	3200	NR	ug/L	FW	LAB	344	Office of Pesticide	Pesticide Ecotoxicit
	4400	NR	ug/L	FW	LAB	6797	Mayer, F.L.,Jr.,	Manual of Acute
	4150	NC	ug/L	FW	LAB	71619	Blackburn, R.A.	The Effects of
	21.22	NC	ug/L	FW	LAB	66376	Osano, O., W.	Developmental
	3766	NR	ug/L	FW	LAB	4366	Chaturvedi, L.D., and	Physiological
	4202	NR	ug/L	FW	LAB	4366	Chaturvedi, L.D., and	Physiological
	NR	NR	ug/L	FW	LAB	3590	Ohs, J.T., R.W.	A Four-Day
	5500	NR	ug/L	FW	LAB	6797	Mayer, F.L.,Jr.,	Manual of Acute
	4467	NR	ug/L	FW	LAB	4366	Chaturvedi, L.D., and	Physiological
	5600	NC	ug/L	FW	LAB	71619	Blackburn, R.A.	The Effects of
	NR	NC	ug/L	FW	LAB	105141	Yi, X., H. Ding, Y.	Effects of Long-
	5600	NR	ug/L	FW	LAB	10635	Call, D.J., L.T.	Toxicity, Uptake,
	NR	NR	ug/L	FW	LAB	15031	Broderius, S.J., M.D.	Use of Joint Toxic
	6700	NR	ug/L	FW	LAB	344	Office of Pesticide	Pesticide Ecotoxicit
	6337.44	NC	ug/L	SW	LAB	106637	Pennington, P.L.	The Toxicity of
	NR	NR	ug/L	FW	LAB	3590	Ohs, J.T., R.W.	A Four-Day
	7000	NR	ug/L	FW	LAB	10635	Call, D.J., L.T.	Toxicity, Uptake,
	NR	NR	ug/L	FW	LAB	3590	Ohs, J.T., R.W.	A Four-Day
	10950	NR	ug/L	SW	LAB	111315	Lee, K.W., S.	Acute Toxicities
	NR	NR	ug/L	FW	LAB	3590	Ohs, J.T., R.W.	A Four-Day
	10600	NR	ug/L	FW	LAB	10635	Call, D.J., L.T.	Toxicity, Uptake,
	13400	NR	ug/L	FW	LAB	3914	Buhl, K.J., and N.L.	Acute Toxicity of
	15410	NR	ug/L	FW	LAB	6797	Mayer, F.L.,Jr.,	Manual of Acute
	16100	NR	ug/L	FW	LAB	3914	Buhl, K.J., and N.L.	Acute Toxicity of
	13500	NR	ug/L	FW	LAB	18621	Pantani, C., G.	Comparative Acute
	16600	NR	ug/L	FW	LAB	3914	Buhl, K.J., and N.L.	Acute Toxicity of
	70.18	NC	ug/L	FW	LAB	65836	Osano, O., W.	Comparative Toxic
	21500	NR	ug/L	FW	LAB	18621	Pantani, C., G.	Comparative Acute
	27800	NR	ug/L	FW	LAB	6797	Mayer, F.L.,Jr.,	Manual of Acute
	NR	NR	ug/L	FW	LAB	748	Takacs, R.L.,	Effects of the
	36600	NR	ug/L	FW	LAB	3914	Buhl, K.J., and N.L.	Acute Toxicity of

Source	Publication Year	Comments	Changes	Purity	Duplicates
Environmental Fate	2000			F: 98,6%	
Arch. Environ.	1997				
Environ. Toxicol.	2007			P:100%/Comment:A	
Environ. Toxicol.	1998				
Bull. Environ.	2006			P: 99,9%/For	
Environ. Toxicol.	2004	exp. type OK	dM to ug/L		
Bull. Environ.	2006			P: 99,9%/For	
Bull. Environ.	2006			P:99,9/ Form:PU/	
Presented at the	1994			P:NR/Comment:ALA	
Environ. Toxicol.	1998				
Water Res.43(14)	2009				
Bull. Environ.	2006			P:99,9/ Form:PU/	
M.S.Thesis, Univ.of	1985				
Pest Manag.	2003		nM/L to ug/L		
Sci. Total Environ.Su	1993				
Pestic. Sci.35(3):	1992		M to ug/L (0,000000	P:100%/Solvent:Me	
Sci. Total Environ.Su	1993				
Arch. Environ.	1997				
Environ. Toxicol.	1998				
Environ. Toxicol.	1998				
Ph.D.Thesis, Univ.of	1997			P:>=98%/ Comment:	
Bull. Environ.	2006			P:99,9%/Form:PU/	
Bull. Environ.	2006			P:99,9%/Form:PU/	
Environmental Fate	2000			F: 93,8%	
Environ. Toxicol.	1998				
Presented at the	1994			P:NR/Comment:ALA	
Pestic. Biochem.	1977		dM to ug/L		
Ecotoxicol. Environ.	1982		conc calculated	P:NR/Solvent:Ethan	
Environmental Fate	2000			F: 90%	
Resour.Publ.No.160,	1986			P:100%/Form:PU/C	

Environ. Toxicol.	1991				
Environmental Fate	2000			F:90%	
Resour.Publ.No.160,	1986			F:95% / Form:	
M.S.Thesis, Univ.of	1985				
Environ. Toxicol.	2002		dM to ug/L	F:99%/Comment:AL	
Uttar Pradesh J.	1991	exp. type NR			
Uttar Pradesh J.	1991	exp. type NR			
Environ. Toxicol.	1991				
Resour.Publ.No.160,	1986			F:100%/Form:PU/C	
Uttar Pradesh J.	1991	exp. type NR			
M.S.Thesis, Univ.of	1985				
Chemosphere68(8):	2007		exp.type changed	F:99% / Form:PU/	
J. Environ. Qual.13(3)	1984				
Environ. Toxicol.	1995				
Environmental Fate	2000			F:93,8%	
M.S.Thesis, Univ.of	1996				
Environ. Toxicol.	1991				
J. Environ. Qual.13(3)	1984				
Environ. Toxicol.	1991				
Environ. Toxicol.22	2007			F:99,9%/Comment:A	
Environ. Toxicol.	1991				
J. Environ. Qual.13(3)	1984				
Arch. Environ.	1989				
Resour.Publ.No.160,	1986			F:100%/Form:PU/C	
Arch. Environ.	1989				
Bull. Environ.	1997	exp.type OK		F:99%/Comment:AL	
Arch. Environ.	1989				
Environ. Pollut.119	2002		dM to ug/L		
Bull. Environ.	1997	exp.type OK		F:99%/Comment:AL	
Resour.Publ.No.160,	1986			F:95% / Form:	
Estuaries11(2): 79-	1988				
Arch. Environ.	1989				

species	group	geomean
Pseudokirchneriella subcapitata	Algae, Moss, Fungi	6.974774322
Lemna aequinoctiales	Flowers, Trees, Shrubs, Ferns	14.028
Chlorella sp.	Algae, Moss, Fungi	26
Chlorella vulgaris	Algae, Moss, Fungi	26
Chlorella kessleri	Algae, Moss, Fungi	26.53299832
Chlorella fusca ssp. vacuolata	Algae, Moss, Fungi	37.79
Scenedesmus acutus	Algae, Moss, Fungi	56.60945151
Lemna minor	Flowers, Trees, Shrubs, Ferns	149.8102828
Chlorella pyrenoidosa	Algae, Moss, Fungi	258.6038425
Chlamydomonas reinhardtii	Algae, Moss, Fungi	460
Thalassiosira weissflogii	Algae, Moss, Fungi	672
Desmodesmus subspicatus	Algae, Moss, Fungi	935.7350052
Scenedesmus quadricauda	Algae, Moss, Fungi	1328
Oncorhynchus mykiss	Fish	1628.65057
Danio rerio	Fish	1750
Chironomus plumosus	Insects/Spiders	3200
Xenopus laevis	Amphibians	3587.9
Heteropneustes fossilis	Fish	4097.784786
Carassius auratus	Fish	5000
Ceriodaphnia dubia	Crustaceans	5159.909511
Lepomis macrochirus	Fish	5276.890576
Pimephales promelas	Fish	5528.029236
Pavlova sp.	Algae, Moss, Fungi	5660.95
Tigriopus japonicus	Crustaceans	7300
Echinogammarus tibaldii	Crustaceans	13000
Chironomus riparius	Insects/Spiders	15048.60867
Gammarus italicus	Crustaceans	19700
Daphnia magna	Crustaceans	21000
Rhithropanopeus harrisii	Crustaceans	26000