

United States Department of the Interior, Fred A. Seaton, Secretary
Fish and Wildlife Service

TOXICITY OF 4,346 CHEMICALS TO LARVAL
LAMPREYS AND FISHES

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TABLE 1. Alphabetical list of 3,939 compounds with the results obtained in preliminary screening tests of each substance.

EXPLANATION OF TABLE

Chemical nomenclature follows generally the Chemical Abstracts system; certain exceptions are noted in the text. Sources of compounds as indicated in the columns headed "Subm." may be identified in Table 4. Submitters code numbers are those used by the suppliers to identify their own materials; those known to us are listed herein.

Tests at indicated concentrations were conducted for a 24-hour period at a water temperature of 55 deg. F. Formulated materials were tested at the routine concentrations used without regard for the proportion of active ingredient(s) present in each.

Figures given indicate time in hours, fractions of hours, or minutes ("m.") to produce death or obvious distress and are the average response for each species (where illness only was observed during the test period, the average time to produce this response is underlined); an "n" indicates that no effect of the chemical was observed; a dash indicates that the test was not performed; the names trout, bluegill, and lamprey larvae are abbreviated T, B, and SL respectively.

Name of Chemical

Concentration in ppm

Rept. No.	Subm. Code	Subm. No.	Name of Chemical	Concentration in ppm											
				5.0			1.0			0.1			T	B	SL
				T	B	SL	T	B	SL	T	B	SL			
835	46	32	Bicyclo[2.2.1]hept-5-ene-2, 3-dicarboxylic acid; di (p-chlorobenzyl) ester	n	n	n	-	-	-	-	-	-	-	-	-
836	25	107, 794	didodecyl ester	n	n	n	-	-	-	-	-	-	-	-	-
837	25	107, 793	dinonyl ester	n	n	n	-	-	-	-	-	-	-	-	-
838	25	107, 795	ditetradecyl ester	n	n	n	-	-	-	-	-	-	-	-	-
839	57	Q-79	7, 7-dichloro-; di-2-chloroethyl ester	n	n	n	-	-	-	-	-	-	-	-	-
840	57	Q-51	1, 4, 5, 6, 7, 7-hexachloro-; mono-2-chloroethyl ester	n	n	n	-	-	-	-	-	-	-	-	-
841	57	Q-147	Bicyclo[2.2.1]hept-5-ene-2, 3-dicarboxylic anhydride, 7, 7-dimethoxy-1, 2, 4, 5, 6-pentachloro-	n	n	n	-	-	-	-	-	-	-	-	-
842	57	Q-153	7, 7-dimethoxy-1, 4, 5, 6-tetrachloro-	n	n	n	-	-	-	-	-	-	-	-	-
843	40		Bicyclo[3.1.1]hept-2-ene-2-ethanol, 6, 6-dimethyl-[Bicyclohexyl]-1-carboxylic acid	n	1	1	-	-	-	-	-	-	-	-	-
844	25	107, 560		n	n	n	-	-	-	-	-	-	-	-	-
845	25	504, 014		n	n	n	-	-	-	-	-	-	-	-	-
846	57	Q-170	2-diethylaminoethyl ester, hydrochloride	2	13	n	-	-	-	-	-	-	-	-	-
847	57	Cr-1241	Bicyclo[0.2.4]oct-3-ene, 2, 5, 7, 8-tetrachloro-	3	2	8	-	-	-	-	-	-	-	-	-
848	57	Cr-1240	Biquanide, 1-(2-biphenyl)-	n	n	n	-	-	-	-	-	-	-	-	-
849	57	Cr-859	monohydrochloride	n	n	n	-	-	-	-	-	-	-	-	-
850	57	Cr-858	1-[p-(p-bromophenoxy)phenyl]-	n	n	n	-	-	-	-	-	-	-	-	-
851	57	Cr-851	monohydrochloride	n	n	n	-	-	-	-	-	-	-	-	-
852	57	Cr-850	1-p-phenoxyphenyl-	n	n	n	-	-	-	-	-	-	-	-	-
853	25	800, 002	monohydrochloride	n	n	n	-	-	-	-	-	-	-	-	-
854	25	800, 892	1-phenyl-; hydrochloride	n	n	n	-	-	-	-	-	-	-	-	-
855	25	101, 085	1-o-tolyl-; monohydrochloride	n	n	n	-	-	-	-	-	-	-	-	-
856	25	106, 375	x, x'-Biphenol	n	n	n	-	-	-	-	-	-	-	-	-
857	25	000, 674	p, p'-Biphenol, 2, 2'-dipropyl-	3	9	13	-	-	-	-	-	-	-	-	-
858	58	O-2591	Biphenyl, 4'-bromo-3-methyl-	8	13	n	-	-	-	-	-	-	-	-	-
859	58	O-8078	chlorinated ("Aroclor 1242")	n	n	n	-	-	-	-	-	-	-	-	-
860	58	-b	chlorinated ("Aroclor 1248")	n	n	n	-	-	-	-	-	-	-	-	-
861	58	O-2592	chlorinated ("Aroclor 1254")	n	n	n	-	-	-	-	-	-	-	-	-
862	46	82	chlorinated ("Aroclor 1260")	n	n	n	-	-	-	-	-	-	-	-	-
863	58	O-135	2-chloro- (85%)	10	10	n	-	-	-	-	-	-	-	-	-
			4-chloro-	n	n	n	-	-	-	-	-	-	-	-	-

864	57	Cr-113	Biphenyl, 4'-chloro-ethyl-	n	n	n	-	-	-	-	-	-	-	-	-
865	59	CP-463	x-chloro-2-ethyl-	1	1	1	-	-	-	-	-	-	-	-	-
866	54		dichloro-4, 4'-ethoxy- ("Dichlorobiphenyl A")	3	13	13	-	-	-	-	-	-	-	-	-
867	58	O-2092	x, x'-Methyl-2-ethyl-	8	12	8	-	-	-	-	-	-	-	-	-