Results of sediment toxicity tests of chemicals conducted by Ministry of the Environment in Japan (- March 2017)

1 These tests are conducted based on OECD-GLP standard and OECD test guidelines.
　However, because most of these data have not been evaluated by experts, confirmation of test results is needed if these data are used for assessment.

(mg/kg)

| CAS No. | Substance | Sediment-water Chironomid (*Chironomus yoshimatsui*) toxicity test using spiked sediment | | | Fiscal Year tested |
| | | Emergence ratio | | | |
		EC50	LOEC	NOEC	
50-32-8	Benzo[a]pyrene	-	>710	≧710	2005
78-42-2	Tris(2-ethylhexyl) phosphate	550	1100	530	2010
79-94-7	Tetrabromobisphenol A	870	610	360	2007
101-14-4	3,3'-Dichloro-4,4'-diaminodiphenylmethane	280 *1 150 *2	320 *1 180 *2	180 *1 84 *2	2008
101-77-9	4,4'-Methylenedianiline	>1000 *1 >440 *2	>1000 *1 >440 *2	1000 *1 440 *2	2010
103-23-1	Bis(2-ethylhexyl) adipate	>900	>900	900	2005
106-47-8	p-Chloroaniline	10	8.5	4.4	2006
119-47-1	6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol	>1000 *1	1000 *1	650 *1	2004
120-12-7	Anthracene	>990	>990	≧990	2008
122-39-4	Diphenylamine	58	-	41	2006
128-37-0	2,6-Di-tert-butyl-4-methylphenol	600	370	130	2007
140-66-9	4-t-Octylphenol	74	80	28	2005
206-44-0	Fluoranthene	160	500 *2	100 *2	2009
1163-19-5	Decabromodiphenylether	>940	-	940	2007
1330-78-5	Tricresyl phosphate	>950 *3	950 *3	290 *3	2014
3380-34-5	5-Chloro-2-(2',4'-dichlorophenoxy)phenol	180	190	120	2008
6165-51-1	1,4-Dimethyl-2-(1-phenylethyl)benzene	680	1000	500	2007
10605-21-7	Methyl benzimidazole-2-ylcarbamate	10	12	6.0	2015
25154-52-3	Nonylphenol	63	41	21	2005

*1 based on nominal concentration

*2 based on measured concentration

*3 based on emergence ratio and development rate

*4 based on development rate

Abbreviations	OECD TG 218 (Sediment-water Chironomid toxicity test using spiked sediment), EC50
	OECD TG 218 (Sediment-water Chironomid toxicity test using spiked sediment), LOEC
	OECD TG 218 (Sediment-water Chironomid toxicity test using spiked sediment), NOEC
	Financial year the tests