

Substance	Units	MCIG	96-hr LC50	96-hr LC50 Confidence Interval	96-hr EC50	96-hr EC50 Confidence Interval	TI (provided)	TI (calculated)	MCIG/LC50	Reference
Acetaminophen; 4,prime.-Hydroxyacetanilide; N-(4-Hydroxyphenyl)acetamide; Paracetamol	(mg/L)			(45.5 - 54.2)		(8.9 - 45.8)	2.5	2.5	0.605	Fort et al. (1992)
2-Acetylaminofluorene; 2-AAF; 2-Acetamidofluorene; N-2-Fluorenylacetamide	(mg/L)			(29.0 - 68.0)		(1.2 - 6.0)	16.65	16.65		Fort et al. (1989)
Acetylhydrazide; Acetic acid hydrazide; Monoacetyl hydrazine	(mg/mL)	0.10	1.57	(1.39-1.77)	0.08	(0.07-0.1)	19.6	19.6	0.064	Fort and Bantle (1990)
Acrylamide; 2-Propenamide	(mg/mL)	0.037	0.102	(0.081 - 0.124)	0.032	(0.017 - .0047)	3.55	3.2	0.363	Bantle et al. (1998)
Acrylamide; 2-Propenamide	(mg/mL)	0.073	0.240	(0.122 - 0.358)	0.047	(0.034 - 0.060)	5.51	5.1	0.304	Bantle et al. (1998)
Acrylamide; 2-Propenamide	(mg/mL)	0.015	0.167	(0.138 - 0.195)	0.037	(0.030 - 0.043)	4.75	4.5	0.0898	Bantle et al. (1998)
Benzo[a]pyrene	(mg/L)					(1.1 - 2.7)	6.15	6.06		Bantle et al. (1998)
Boric Acid	(mg/mL)	0.433	0.806	(0.530 - 1.082)	0.396	(0.282 - 0.510)	2.020	2.04	0.537	Dawson et al. (1991)
Boric Acid	(mg/mL)	0.165	0.509	(0.100 - 0.917)	0.155	(0.128 - 0.183)	3.297	3.29	0.324	Dawson et al. (1990)
Boric Acid	(mg/mL)	0.135	0.453	(0.384 - 0.522)	0.247	(0.196 - 0.298)	1.863	1.83	0.298	Dawson et al. (1990)
4-Bromobenzene	(mg/L)	500		(200.0 - 400.0)		(180.0 - 300.0)	1.3	1.25	0.333	Dawson et al. (1990)
Caffeine	(mg/mL)	0.13	0.26		0.11		2.37	2.4	0.50	Bantle et al. (1994b)

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Caffeine	(mg/mL)	0.10	0.29		0.11		2.60	2.6	0.34	Bantle et al. (1994b)
Caffeine	(mg/mL)	0.10	0.25		0.10		2.50	2.5	0.40	Bantle et al. (1994b)
Caffeine	(mg/mL)	0.14	0.25		0.14		1.76	1.8	0.56	Bantle et al. (1994b)
Caffeine	(mg/mL)	0.11	0.24		0.15		1.65	1.6	0.46	Bantle et al. (1994b)
Caffeine	(mg/mL)	0.10	0.31		0.12		2.66	2.6	0.32	Dawson and Bantle (1987)
Cyclophosphamide	(mg/mL)	0.78	2.71		0.37		8.37	7.3	0.29	Fort et al. (1989)
Cyclophosphamide	(mg/mL)	0.7	1.09		0.14		8.12	7.8	0.6	Courchesne and Bantle
Cyclophosphamide	(mg/mL)	0.8	0.65		0.54		1.31	1.2	1	
Cyclophosphamide	(mg/mL)	0.12	1.29		0.86		1.50	1.5	0.93	Bantle et al. (1998)
Cyclophosphamide	(mg/mL)	0.83	2.17		1.28		1.71	1.70	0.38	Bantle et al. (1998)
Cyclophosphamide	(mg/mL)	0.35	1.32		0.64		2.08	2.1	0.27	Bantle et al. (1998)
Cyclophosphamide	(mg/mL)	0.45	1.37		0.44		3.15	3.1	0.33	Bantle et al. (1998)

Substance	Units	MCIG	96-hr LC50	96-hr LC50 Confidence Interval	96-hr EC50	96-hr EC50 Confidence Interval	TI (provided)	TI (calculated)	MCIG/LC50	Reference
Cyclophosphamide			1.37	(1.04-1.75)	0.39	(1.73-1.09)	3.57	3.5		Fort et al.(1993)
Cytochalasin D	(ng/mL)			(701 - 925.5)		(472 - 631.5)	1.45	1.5		Morgan et al. (1996)
Dichloroacetate	(mg/mL)	5.00	5.29		4.07		1.30	1.3	0.945	Rayburn et al. (1991)
Dichloroacetate	(mg/mL)	4.34	5.17	(3.05 - 7.29)	0.87	(0.79 - 0.95)	5.85	5.94	0.839	
Dichloroacetate	(mg/mL)	6.51	6.60	(6.49 - 6.72)	4.33	(3.86 - 4.80)	1.53	1.52	0.986	
Diethylene glycol	(mg/mL)	13.50	23.81	(21.19 - 26.44)	13.41	(5.48 - 21.34)	2.46	1.8	0.567	Dawson and Bantle (1987)
Diethylene glycol	(mg/mL)	18.0	29.68	(18.85 - 40.51)	15.34	(13.40 - 17.28)	1.92	1.9	0.606	Dawson and Bantle (1987)
Diethylene glycol	(mg/mL)	2.50	26.33	(24.38 - 28.27)	8.65	(6.52 - 10.78)	3.12	3.04	0.095	Dawson and Bantle (1987)
Doxylamine succinate	(mg/L)			(16.0 - 26.0)		(4.6 - 7.4)	3.5	3.5		Bantle et al. (1998)
Ethylene glycol	(mg/mL)	9.72	19.67	(16.497 - 22.852)	11.54	(11.469 - 11.615)	1.71	1.70	0.494	Bantle et al. (1994b)
Ethylene glycol	(mg/mL)	15.00	32.66	(27.050 - 38.276)	8.69	(6.935 - 10.438)	3.78	3.8	0.459	Bantle et al. (1994b)
Ethylene glycol	(mg/mL)	9.37	23.56	(17.467 - 29.659)	17.23	(14.303 - 20.150)	1.40	1.4	0.398	Bantle et al. (1994b)

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N-Ethyl-N-nitrosourea; ENU	(mg/mL)			(0.008 - 0.016)		(0.00049 - 0.0011)	5.1	5.07		Dresser et al. (1992)
Glycerol; Glycerin; Trihydroxypropane	(mg/mL)	8.67	10.33	(6.18 - 14.48)	10.76	(10.26 - 11.25)	0.97	0.96	0.839	Fort et al. (1998)
Glycerol; Glycerin; Trihydroxypropane	(mg/mL)	10.83	18.85	(16.72 - 20.98)	11.26	(10.92 - 11.60)	1.67	1.7	0.575	Fort et al. (1998)
Glycerol; Glycerin; Trihydroxypropane	(mg/mL)	2.13	13.46	(11.05 - 15.87)	5.84	(4.79 - 6.88)	2.33	2.30	0.158	
Hydrazine	(mg/mL)			(6.79 - 1075)		(1.57 - 2.67)	4.17	4.17	0.353	Bantle et al. (1994a)
4-Hydroxycoumarin	(mg/mL)			(0.01 - 0.03)		(0.005 - 0.015)	2	2	0.250	Bantle et al. (1994a)
7-Hydroxycoumarin	(mg/mL)			(0.10 - 0.11)		(0.03 - 0.05)	2.8	2.75	0.455	Bantle et al. (1994a)
Isoniazid; Isonicotinic acid hydrazide	(mg/mL)	0.25	8.92	(8.72-9.12)	0.29	(0.27-0.30)	30.5	30.76	0.028	Fort et al. (1996)
Isonicotinic acid; Isonicotinic acid-2-isopropylhydrazide; 1-Methyl-formylhydrazine	(mg/mL)	1.0	3.26	(3.14 - 3.38)	1.57	(1.47 - 1.67)	2.1	2.08	0.307	Bantle et al. (1996)
1-Methylxanthine	(mg/mL)			(0.23 - 0.27)		(0.12 - 0.14)	1.9	1.92	0.560	Dawson et al. (1988)
3-Methylxanthine	(mg/mL)			(0.17 - 0.19)		(0.10 - 0.12)	1.6	1.64	0.556	Dawson et al. (1979)
Nicotine	(mg/L)			(15.95-26.00)		(4.6-7.4)	3.5	3.48		Bantle et al. (1998)

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Phenytoin; Dilantin [registered]; 5,5-Diphenylhydantoin	(mg/L)			(102.3-157.15)		(59.3-80.7)	1.85	1.83		Bantle et al. (1994b)
Phthalic acid	(mg/mL)	1.83	3.94	(0.87 - 7.00)	3.34	(0.40 - 6.28)	1.27	1.18	0.464	Bantle et al. (1994b)
Phthalic acid	(mg/mL)	5.70	7.32	(6.54 - 8.10)	5.95	(4.33 - 7.57)	1.27	1.23	0.779	Bantle et al. (1994b)
Phthalic acid	(mg/mL)	9.46	9.21	(8.69 - 9.74)	5.50	(3.63 - 7.37)	1.76	1.67	1.027	Bantle et al. (1994b)
Sodium arsenite; Sodium meta-arsenite	(mg/mL)	0.040	0.055	(0.042 - 0.067)	0.043	(0.036 - 0.050)	1.31	1.28	0.727	Bantle et al. (1998)
Sodium arsenite; Sodium meta-arsenite	(mg/mL)	0.041	0.053	(0.052 - 0.053)	0.035	(0.030 - 0.039)	1.53	1.51	0.774	Bantle et al. (1998)
Sodium arsenite; Sodium meta-arsenite	(mg/mL)	0.110	0.031	(0.019 - 0.042)	0.027	(0.014 - 0.040)	1.20	1.15	3.548	
Sodium bromate	(mg/mL)	0.07	0.18	(0.13 - 0.22)	0.27	(0.07 - 0.61)	1.21	0.67	0.389	Blankemeyer et al. (1998)
Sodium bromate	(mg/mL)	0.19	0.87	(0.58 - 1.16)	0.27	(0.24 - 0.30)	3.20	3.22	0.218	Friedman et al. (1991)
Sodium bromate	(mg/mL)	0.39	0.40	(0.08 - 0.72)	0.15	(0.10 - 0.20)	2.44	2.67	0.975	Rayburn et al. (1994)
Sodium iodoacetate	(mg/mL)		0.048	(-0.016 - 0.112)	0.885	(-0.598 - 2.368)	0.27	0.05		Fort et al. (1993)
Sodium iodoacetate	(mg/mL)		0.057	(0.014 - 0.100)	0.197	(0.123 - 0.270)	0.28	0.29		Fort et al. (1993)

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Sodium iodoacetate	(mg/mL)	0.207	0.443	(0.224 - 0.662)	0.180	(0.160 - 0.200)	2.41	2.46	0.467	Fort et al. (1993)
.alpha.-Solanine	(mg/L)	9.5	20		19.9	(18.1-21.9)	1	1.01	1	Bantle et al. (1998)
Theophylline	(mg/mL)			(0.73 - 0.77)		(0.69 - 0.71)	1.1	1.07	0.840	Dawson et al. (1988a)
Tribromoacetic acid	(mg/mL)	3.67	9.29	(4.66 - 13.92)	7.24	(3.14 - 11.33)	1.36	1.28	0.395	Fort et al. (1989)
Tribromoacetic acid	(mg/mL)	5.57	11.42	(5.12 - 17.72)	3.22	(1.88 - 4.56)	3.57	3.55	0.488	Fort et al. (1999a)
Tribromoacetic acid	(mg/mL)	4.19	7.38	(4.38 - 10.38)	1.07	(0.82 - 1.32)	7.49	6.90	0.568	Fort et al. (1999a)
Trichloroethylene	(mg/L)			(211.0 - 290.0)		(5.0 - 16.0)	25.4	25.37	0.037	Fort et al. (1999a)
Triethylene glycol dimethyl ether	(mg/mL)	3.67	18.00	(15.55 - 20.46)	9.41	(6.67 - 12.14)	1.99	1.91	0.204	Fort et al. (1999a)
Triethylene glycol dimethyl ether	(mg/mL)	3.25	14.56	(6.58 - 22.54)	4.27	(2.01 - 6.53)	3.48	3.41	0.223	Fort et al. (1996)
Triethylene glycol dimethyl ether	(mg/mL)	2.50	14.02	(10.19 - 17.85)	4.61	(2.21 - 7.00)	3.43	3.04	0.178	Fort et al. (1996)
Urethane; Urethan; Ethyl carbamate	(mg/L)		36.7	(36.2-37.2)	2.885	(2.60-3.22)	12.7	12.72		Fort et al. (1999a)