4717.7500 TABLE OF HEALTH RISK LIMITS.

Subpart 1. **Generally.** This part contains the table of the health risk limits.

CAS RN	RfD* (milligrams per kilogram per day)	Slope factor* (the inverse of milligrams per kilogram per day)	Health Risk Limit (micrograms per liter)

Subp. 2. [Repealed, 43 SR 262]

Subp. 3. [Repealed, 35 SR 1395]

Subp. 3a. [Repealed, 35 SR 1395]

Subp. 4. **Aldicarb.** Aldicarb:

116-06-3	0.0002	--	1

Subp. 4a. **Allyl chloride (3 chloropropene).** Allyl chloride (3 chloropropene):

107-05-1	0.05 (C)	--	30

Subp. 5. **Anthracene.** Anthracene:

120-12-7	0.3	--	2,000

Subp. 6. **Antimony.** Antimony:

7440-36-0	0.0004	--	6

Subp. 6a. [Repealed, 35 SR 1395]

Subp. 7. **Barium.** Barium:

7440-39-3	0.07	--	2,000

Subp. 8. [Repealed, 35 SR 1395]

Subp. 9. **Benzoic acid.** Benzoic acid:

65-85-0	4	--	30,000

Subp. 10. **Beryllium.** Beryllium:

7440-41-7	--	4.3	0.08

Subp. 11. **1,1-Biphenyl (Diphenyl).** 1,1-Biphenyl (Diphenyl):

92-52-4	0.05	--	300

Subp. 12. **Bis(chloroethyl)ether (BCEE).** Bis(chloroethyl)ether (BCEE):

111-44-4	--	1.1	0.3

Subp. 13. **Bis(chloromethyl)ether (BCME).** Bis(chloromethyl)ether (BCME):

542-88-1	--	220	0.002

Subp. 14. [Repealed, 35 SR 1395]

Subp. 15. **Bromodichloromethane.** Bromodichloromethane:

75-27-4	--	0.062	6

Subp. 16. **Bromoform.** Bromoform:

75-25-2	--	0.0079	40

Subp. 17. **Bromomethane (Methyl bromide).** Bromomethane (Methyl bromide):

74-83-9	0.0014	--	10

Subp. 18. **n-Butanol.** n-Butanol:

71-36-3	0.1	--	700

Subp. 19. [Repealed, 40 SR 689]

Subp. 20. **Butylphthalyl butylglycolate (BPBG).** Butylphthalyl butylglycolate (BPBG):

85-70-1	1	--	7,000

Subp. 21. [Repealed, 40 SR 689]

Subp. 22. **Carbon disulfide.** Carbon disulfide:

75-15-0	0.1	--	700

Subp. 23. [Repealed, 38 SR 397]

Subp. 23a. **Chloramben.** Chloramben:

133-90-4	0.015	--	100

Subp. 24. **Chlorobenzene.** Chlorobenzene:

108-90-7	0.02	--	100

Subp. 25. [Repealed, 35 SR 1395]

Subp. 26. **2-Chlorophenol.** 2-Chlorophenol:

95-57-8	0.005	--	30

Subp. 26a. **Chlorothalonil.** Chlorothalonil:

1897-45-6	--	0.011	30

Subp. 26b. **Chromium III.** Chromium III:

16065-83-1	1	--	20,000

Subp. 27. **Chromium VI.** Chromium VI:

18540-29-9	0.005	--	100

Subp. 28. **Cumene (Isopropyl benzene).** Cumene (Isopropyl benzene):

98-82-8	0.04	--	300

Subp. 29. **Cyanide, free.** Cyanide, free:

57-12-5	0.02	--	100

Subp. 30. **Dibromochloromethane.** Dibromochloromethane:

124-48-1	0.02 (C)	--	10

Subp. 31. **1,2-Dibromoethane (Ethylene dibromide, EDB).** 1,2-Dibromoethane (Ethylene dibromide, EDB):

106-93-4	--	85	0.004

Subp. 32. [Repealed, 40 SR 689]

Subp. 33. **Dicamba.** Dicamba:

1918-00-9	0.03	--	200

Subp. 34. **1,2-Dichlorobenzene.** 1,2-Dichlorobenzene:

95-50-1	0.09	--	600

Subp. 34a. **1,4-Dichlorobenzene (para).** 1,4-Dichlorobenzene (para):

106-46-7	--	0.024	10

Subp. 35. **3,3'-Dichlorobenzidine.** 3,3'-Dichlorobenzidine:

91-94-1	--	0.45	0.8

Subp. 36. [Repealed, 35 SR 1395]

Subp. 37. **p,p'-Dichlorodiphenyl dichloroethane (DDD).** p,p'-Dichlorodiphenyl dichloroethane (DDD):

72-54-8	--	0.24	1

Subp. 38. **p,p'-Dichlorodiphenyldichloroethylene (DDE).** p,p'-Dichlorodiphenyldichloroethylene (DDE):

72-55-9	--	0.34	1

Subp. 39. **p,p'-Dichlorodiphenyltrichloroethane (DDT).** p,p'-Dichlorodiphenyltrichloroethane (DDT):

50-29-3	--	0.34	1

Subp. 39a. [Repealed, 35 SR 1395]

Subp. 40. [Repealed, 38 SR 397]

Subp. 40a. [Repealed, 35 SR 1395]

Subp. 41. [Repealed, 35 SR 1395]

Subp. 42. [Repealed, 38 SR 397]

Subp. 43. [Repealed, 35 SR 1395]

Subp. 44. **2,4-Dichlorophenol.** 2,4-Dichlorophenol:

120-83-2	0.003	--	20

Subp. 45. [Repealed, 43 SR 262]

Subp. 45a. **1,2-Dichloropropane.** 1,2-Dichloropropane:

78-87-5	--	0.068	5

Subp. 45b. **1,3-Dichloropropene.** 1,3-Dichloropropene:

542-75-6	--	0.18	2

Subp. 46. [Repealed, 35 SR 1395]

Subp. 47. **Diethyl phthalate.** Diethyl phthalate:

84-66-2	0.8	--	6,000

Subp. 48. **2,4-Dimethylphenol.** 2,4-Dimethylphenol:

105-67-9	0.02	--	100

Subp. 48a. **Dimethylphthalate.** Dimethylphthalate:

131-11-3	10	--	70,000

Subp. 49. **2,4-Dinitrophenol.** 2,4-Dinitrophenol:

51-28-5	0.002	--	10

Subp. 49a. **Disulfoton.** Disulfoton:

298-04-4	0.00004	--	0.3

Subp. 50. [Repealed, 35 SR 1395]

Subp. 51. [Repealed, 43 SR 262]

Subp. 52. [Repealed, 35 SR 1395]

Subp. 52a. [Repealed, 35 SR 1395]

Subp. 53. [Repealed, 43 SR 262]

Subp. 54. **Fluorene (9H-Fluorene).** Fluorene (9H-Fluorene):

86-73-7	0.04	--	300

Subp. 54a. **Formaldehyde.** Formaldehyde:

50-00-0	0.2	--	1,000

Subp. 55. **Heptachlor.** Heptachlor:

76-44-8	--	4.5	0.08

Subp. 56. **Heptachlor epoxide.** Heptachlor epoxide:

1024-57-3	--	9.1	0.04

Subp. 57. **Hexachlorobenzene.** Hexachlorobenzene:

118-74-1	--	1.6	0.2

Subp. 58. **Hexachlorobutadiene.** Hexachlorobutadiene:

87-68-3	0.002 (C)	--	1

Subp. 58a. **Hexane (n-hexane).** Hexane (n-hexane):

110-54-3	0.06	--	400

Subp. 59. **Isophorone.** Isophorone:

78-59-1	0.2 (C)	--	100

Subp. 60. **Linuron.** Linuron:

330-55-2	0.002 (C)	--	1

Subp. 61. **Manganese.** Manganese:

7439-96-5	0.005	--	100

Subp. 61a. **Methanol.** Methanol:

67-56-1	0.5	--	3,000

Subp. 62. **2-Methyl-4-chlorophenoxyacetic acid (MCPA).** 2-Methyl-4-chlorophenoxyacetic acid (MCPA):

94-74-6	0.0005	--	3

Subp. 62a. **Methyl ethyl ketone (MEK, 2-butanone).** Methyl ethyl ketone (MEK, 2-butanone):

78-93-3	0.6	--	4,000

Subp. 62b. **Methyl isobutyl ketone (MIBK).** Methyl isobutyl ketone (MIBK):

108-10-1	0.05	--	300

Subp. 63. **2-Methylphenol (o-cresol).** 2-Methylphenol (o-cresol):

95-48-7	0.05 (C)	--	30

Subp. 64. **3-Methylphenol (m-cresol).** 3-Methylphenol (m-cresol):

108-39-4	0.05 (C)	--	30

Subp. 64a. **4-Methylphenol (p-cresol).** 4-Methylphenol (p-cresol):

106-44-5	0.005 (C)	--	3

Subp. 65. [Repealed, 35 SR 1395]

Subp. 66. [Repealed, 38 SR 397]

Subp. 66a. [Repealed, 38 SR 397]

Subp. 67. **Nickel, soluble salts.** Nickel, soluble salts:

7440-02-0	0.02	--	100

Subp. 68. [Repealed, 35 SR 1395]

Subp. 69. **N-Nitrosodiphenylamine.** N-Nitrosodiphenylamine:

86-30-6	--	0.0049	70

Subp. 70. [Repealed, 35 SR 1395]

Subp. 70a. MR 2008 [Expired]

Subp. 70b. MR 2008 [Expired]

Subp. 71. **Phenol.** Phenol:

108-95-2	0.6	--	4,000

Subp. 72. **Picloram.** Picloram:

1918-02-1	0.07	--	500

Subp. 72a. **Polychlorinated biphenyls (PCBs).** Polychlorinated biphenyls (PCBs):

1336-36-3	--	7.7	.04

Subp. 73. **Prometon.** Prometon:

1610-18-0	0.015	--	100

Subp. 74. **Propachlor.** Propachlor:

1918-16-7	0.013	--	90

Subp. 75. [Repealed, 43 SR 262]

Subp. 76. **Selenium.** Selenium:

7782-49-2	0.005	--	30

Subp. 77. **Silver.** Silver:

7440-22-4	0.005	--	30

Subp. 77a. [Repealed, 35 SR 1395]

Subp. 78. **1,1,1,2-Tetrachloroethane.** 1,1,1,2-Tetrachloroethane:

630-20-6	0.03 (C)	--	70

Subp. 78a. **1,1,2,2-Tetrachloroethane.** 1,1,2,2-Tetrachloroethane:

79-34-5	--	0.2 (C)	2

Subp. 78b. [Repealed, 35 SR 1395]

Subp. 78c. **Thallium salts.** Thallium salts:

7440-28-0	0.00008	--	0.6

Subp. 78d. **Tin.** Tin:

7440-31-5	0.6	--	4,000

Subp. 79. [Repealed, 35 SR 1395]

Subp. 80. **Toxaphene.** Toxaphene:

8001-35-2	--	1.1	0.3

Subp. 80a. [Repealed, 35 SR 1395]

Subp. 81. **1,1,2-Trichloroethane.** 1,1,2-Trichloroethane:

79-00-5	0.004 (C)	--	3

Subp. 81a. [Repealed, 35 SR 1395]

Subp. 82. **Trichlorofluoromethane.** Trichlorofluoromethane:

75-69-4	0.3	--	2,000

Subp. 83. **2,4,6-Trichlorophenol.** 2,4,6-Trichlorophenol:

88-06-2	--	0.011	30

Subp. 84. **2,4,5-Trichlorophenoxyacetic acid (2,4,5-T).** 2,4,5-Trichlorophenoxyacetic acid (2,4,5-T):

93-76-5	0.01	--	70

Subp. 85. [Repealed, 35 SR 1395]

Subp. 86. [Repealed, 38 SR 397]

Subp. 87. **1,1,2-Trichloro-1,2,2-trifluoroethane.** 1,1,2-Trichloro-1,2,2-trifluoroethane:

76-13-1	30	--	200,000

Subp. 88. **1,3,5-Trinitrobenzene.** 1,3,5-Trinitrobenzene:

99-35-4	0.00005	--	0.3

Subp. 88a. **Vanadium.** Vanadium:

7440-62-2	0.007	--	50

Subp. 88b. [Repealed, 35 SR 1395]

Subp. 89. [Repealed, 35 SR 1395]

Subp. 89a. **Zinc.** Zinc:

7440-66-6	0.3	--	2,000

Subp. 90. **Reference doses and slope factors.** For purposes of this part:

* Substances or chemicals that have an RfD or slope factor annotated with a (C) are classified by the United States Environmental Protection Agency as possible human carcinogens.

Statutory Authority: *MS s 103H.201; 144.0751; 144.12; L 2007 c 37*

History: *18 SR 1340; 19 SR 1191; 32 SR 373; 35 SR 1395; 38 SR 397; 40 SR 689; 43 SR 262*

Published Electronically: *September 12, 2018*