DRAFT List of Risk Based Concentrations from Authoritative Bodies (Version 1)

This draft spreadsheet contains a list of readily available health-protective risk-based concentrations from recognized authoritative bodies, including U.S. EPA's Integrated Risk Information System (IRIS), California's Office of Health Hazard Assessment (OEHHA) cancer and non-cancer values, and the Agency for Toxic Substances and Disease Registry's (ATSDR's) Minimal Risk Levels, which are based on non-cancer effects. Also included are the current list of Oregon's 52 Ambient Benchmark Concentrations, along with changes recommended by the Air Toxics Science Advisory Committee for a portion of the benchmarks. In addition, the EPA list of 187 Hazardous Air Pollutants is highlighted.

This spreadsheet will be updated, and is a preliminary version requested by the Cleaner Air Oregon Advisory Committee for discussion purposes. DEQ and OHA will be adding EPA provisional peer reviewed toxicity values as another type of risk based concentration. DEQ and OHA are currently working on cases where authoritative bodies have grouped similar chemicals differently from one another, and more research is needed on which RBCs apply to which chemical groupings.

	CAS	Common Name	Oregon DEQ 2010 ABCs (µg/m3)	DRAFT ATSAC 2015 OR DEQ ABCs	EPA 187 List	ATSDR MRLs												OEHHA												IRIS							
						Inhalation						Oral (No inhalation available)						Noncancer effects								Cancer risk											
						Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/kg/day)	Tox Profile Date	Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
1	75070	Acetaldehyde	4.50E-01		Yes													4.70E+02	Dec-08	3.00E+02	Dec-08	1.40E+02	Dec-08			2.70E-06	Apr-99			9.00E+00	Oct-91	2.20E-06	Jun-88				
2	60355	Acetamide			Yes																					2.00E-05	Apr-99										
3	75058	Acetonitrile			Yes																									6.00E+01	Mar-99						
4	98862	Acetophenone			Yes																													1.00E-01	Aug-88		
5	107028	Acrolein	2.00E-02	3.50E-01	Yes			9.20E-02	Aug-07	6.90E+00	Aug-07							2.50E+00	Dec-08	7.00E-01	Dec-08	3.50E-01	Dec-08							2.00E-02	Jun-03						
6	79061	Acrylamide			Yes							1.00E-03	Dec-12	1.00E-03	Dec-12	1.00E-02	Dec-12									1.30E-03	Apr-99			6.00E+00	Mar-10	1.00E-04	Mar-10				
7	79107	Acrylic acid			Yes													6.00E+03	Apr-99											1.00E+00	Apr-94						
8	107131	Acrylonitrile	1.00E-02		Yes					2.20E+02	Dec-90	4.00E-02	Dec-90	1.00E-02	Dec-90							5.00E+00	Dec-01			2.90E-04	Apr-99			2.00E+00	Nov-91	6.80E-05	Sep-87				
9	50760	Actinomycin D																																			
10	1596845	Alar																																1.50E-01	Jun-88		
11	309002	Aldrin										3.00E-05	Sep-02			2.00E-03	Sep-02															4.90E-03	Sep-87	3.00E-05	Mar-87		
12	107051	Allyl chloride			Yes																					6.00E-06	Apr-99			1.00E+00	Dec-91						
13	7429905	Aluminum										1.00E+00	Sep-08	1.00E+00	Sep-08																						
14	1344281	Aluminum oxide (fibrous forms)																																			
15	39156417	2,4-Diaminoanisole Sulfate																																			
16	97563	ortho-Aminoazotoluene																																			
17	101804	4,4'-Diaminodiphenyl Ether																																			
18	6109973	3-Amino-9-ethylcarbazole hydrochloride																																			
19	68006837	2-Amino-3-methyl-9H pyrido[2,3-b]indole																																			
20	82280	1-Amino-2-methylanthraquinone																																			
21	76180966	2-Amino-3-methylimidazo-[4,5-f]quinoline																																			
22	712685	2-Amino-5-(5-Nitro-2-Furyl)-1,3,4-Thiadiazol																																			
23	26148685	A-alpha-c(2-amino-9h-pyrido[2,3-b]indole)																																			
24	92671	4-Aminobiphenyl [POM]			Yes																																
25	61825	Amitrole																																			
26	7664417	Ammonia	2.00E+02	Retain		7.00E+01	Oct-04			1.20E+03	Oct-04							3.20E+03	Apr-99			2.00E+02	Feb-00							1.00E+02	May-91						
27	7803636	Ammonium bisulfate																																			
28	6484522	Ammonium nitrate																																			
29	7783202	Ammonium sulfate																																			
30	62533	Aniline			Yes																					1.60E-06	Apr-99			1.00E+00	Nov-90					5.70E-03	Sep-98
31	90040	o-Anisidine			Yes																																
32	134292	o-Anisidine Hydrochloride																																			
33	7440360	Antimony			Yes																													4.00E-04	Jan-87		
34		Antimony compounds including but not limited to:			Yes																																
35	1309644	Antimony trioxide			Yes																									2.00E-01	Sep-95						
36	140578	Aramite																														7.10E-06	Jun-91				
37	7440382	Arsenic	2.00E-04									3.00E-04	Aug-07			5.00E-03	Aug-07	2.00E-01	Dec-08	1.50E-02	Dec-08	1.50E-02	Dec-08	3.50E-06	Dec-08	3.30E-03	Jul-90	1.50E+00	Oct-00			4.30E-03	Jun-95	3.00E-04	Sep-91		
38		Arsenic compounds (inorganic) including but not limited to:			Yes													2.00E-01	Dec-08	1.50E-02	Dec-08	1.50E-02	Dec-08	3.50E-06	Dec-08	3.30E-03	Jul-90	1.50E+00	Oct-00								
39	7784421	Arsine			Yes													2.00E-01	Dec-08	1.50E-02	Dec-08	1.50E-02	Dec-08							5.00E-02	Mar-94						
40		Arsenic compounds (other than inorganic)																																			
41	492808	Auramine																																			
42	115026	Azaserine																																			
43	446866	Azathioprine																																			
44	52244	Tris-(1-Aziridinyl)phosphine sulfide																																			
45	103333	Azobenzene																														3.10E-05	Sep-88				
46	7440393	Barium										2.00E-01	Aug-07	2.00E-01	Aug-07																			2.00E-01	Jul-05		
47		Barium Compounds																																			
48		Benz[a]anthracene [PAH, POM], (see PAH)																																			
49	71432	Benzene	1.30E-01		Yes	9.60E+00	Aug-07	1.90E+01	Aug-07	2.90E+01	Aug-07							2.70E+01	Jun-14	3.00E+00	Jun-14	3.00E+00	Jun-14			2.90E-05	Jan-85			3.00E+01	Apr-03	7.80E-06	Jan-00				
50	92875	Benzidine (and its salts) [POM]			Yes																					1.40E-01	Apr-99					6.70E-02	Mar-87	3.00E-03	Jan-89		
51		Benzidine-based dyes [POM] including but not limited to:																								1.40E-01	Apr-99										
52	1937377	Direct Black 38 [PAH-Derivative, POM]																								1.40E-01	Apr-99										
53	2602462	Direct Blue 6 [PAH-Derivative, POM]																								1.40E-01	Apr-99										
54	16071866	Direct Brown 95 (technical grade) [POM]																								1.40E-01	Apr-99										
55		Benzo[a]pyrene [PAH, POM], (see PAH)																																			
56		Benzo[b]fluoranthene [PAH, POM], (see PAH)																																			
57	271896	Benzofuran																																			
58	98077	Benzoic trichloride (Benzotrichloride)			Yes																															1.30E+01	Dec-90
59		Benzo[j]fluoranthene [PAH, POM] (see PAH)																																			
60		Benzo[k]fluoranthene [PAH, POM] (see PAH)																																			
61	98884	Benzoyl chloride																																			
62	94360	Benzoyl peroxide																																			
63	100447	Benzyl chloride			Yes													2.40E+02	Apr-99							4.90E-05	Apr-99									1.70E-01	Aug-89
64	1694093	Benzyl Violet 4B																																			
65	7440417	Beryllium	4.00E-04		Yes							2.00E-03	Sep-02									7.00E-03	Dec-01	2.00E-03	Dec-01	2.40E-03	Apr-99			2.00E-02	Apr-98	2.40E-03	Apr-98				
66		Beryllium compounds			Yes																	7.00E-03	Dec-01	2.00E-03	Dec-01	2.40E-03	Apr-99										
67	1304569	Beryllium Oxide			Yes																																
68	13510491	Beryllium Sulfate			Yes																																
69	92524	Biphenyl [POM]			Yes																													5.00E-01	Aug-13	8.00E-03	Aug-13
70	111444	Bis(2-chloroethyl) ether (DCEE)			Yes			1.20E+02	Dec-89																	7.10E-04	Apr-99					3.30E-04	Mar-87				
71	542881	Bis(chloromethyl) ether			Yes			1.40E+00	Dec-89																	1.30E-02	Apr-99					6.20E-02	Sep-88				
72	103231	Bis(2-ethylhexyl) adipate																																6.00E-01	Jul-92	1.20E-03	Aug-91
73	7726956	Bromine																																			
74		Bromine compounds (inorganic) including but not limited to:																																			
75	7789302	Bromine pentafluoride																																			
76	10035106	Hydrogen bromide																																			
77	7758012	Potassium bromate																								1.40E-04	Apr-99										
78	75274	Bromodichloromethane										2.00E-02	Dec-89			4.00E-02	Dec-89																	2.00E-02	Sep-87	6.20E-02	Feb-93
79	75252	Bromoform			Yes							2.00E-02	Sep-05	2.00E-01	Sep-05	7.00E-01	Sep-05															1.10E-06	Sep-90	2.00E-02	Sep-87		
80	106945	1-Bromopropane (n-propyl bromide)		5.00E-01		1.00E+02	Jan-16	5.00E+02	Jan-16	5.00E+03	Jan-16																										
81	126727	Tris(2,3-dibromopropyl)phosphate																																			
82	106990	1,3-Butadiene	3.00E-02		Yes													6.60E+02	Jul-13	9.00E+00	Jul-13	2.00E+00	Jul-13			1.70E-04	Jul-92			2.00E+00	Nov-02	3.03E-05	Nov-02				
83	540885	t-Butyl acetate																																			
84	141322	Butyl acrylate																																			
85	71363	n-Butyl alcohol																																1.00E-01	Mar-87		
86	78922	sec-Butyl alcohol																																			
87	75650	tert-Butyl alcohol																																			
88	85687	Butyl benzyl phthalate																																2.00E-01	Sep-89		
89	25013165	Butylated hydroxyanisole																																			

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						Inhalation						Oral (No inhalation available)						Noncancer effects								Cancer risk											
						Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/kg/day)	Tox Profile Date	Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
90	3068880	beta-Butyrolactone																																			
91	7440439	Cadmium	6.00E-04	Retain	Yes	1.00E-02	Sep-12			3.00E-02	Sep-12			5.00E-04	Sep-12							2.00E-02	Jan-01	5.00E-04	Oct-00	4.20E-03	Jan-87					1.80E-03	Mar-87	5.00E-04	Oct-89		
92		Cadmium compounds			Yes																	2.00E-02	Jan-01	5.00E-04	Oct-00	4.20E-03	Jan-87										
93	156627	Calcium cyanamide			Yes																																
94	105602	Caprolactam			Yes													5.00E+01	Oct-13	7.00E+00	Oct-13	2.20E+00	Oct-13											5.00E-01	Sep-88		
95	2425061	Captafol																																2.00E-03	Sep-87		
96	133062	Captan			Yes																													1.30E-01	Mar-89		
97		Carbon black extracts																																			
98	75150	Carbon disulfide	8.00E+02		Yes	9.30E+02	Aug-96									1.00E-02	Aug-96	6.20E+03	Apr-99			8.00E+02	May-02							7.00E+02	Sep-87						
99	56235	Carbon tetrachloride	7.00E-02	2.00E-01	Yes	1.90E+02	Sep-05	1.90E+02	Sep-05							2.00E-02	Sep-05	1.90E+03	Apr-99			4.00E+01	Jan-01			4.20E-05	Sep-87			1.00E+02	Mar-10	6.00E-06	Mar-10				
100	463581	Carbonyl sulfide			Yes																																
101		Carrageenan (degraded)																																			
102	120809	Catechol			Yes																																
103	133904	Chloramben			Yes																													1.50E-02	Jan-87		
104	305033	Chlorambucil																																			
105	57749	Chlordane			Yes	2.00E-02	May-94	2.00E-01	May-94							1.00E-03	May-94													7.00E-01	Feb-98	1.00E-04	Feb-98				
106	143500	Chlordecone										5.00E-04	Aug-95	5.00E-04	Aug-95	1.00E-02	Aug-95																	3.00E-04	Sep-09	1.00E+01	Sep-09
107	115286	Chlorendic Acid																																			
108	108171262	Chlorinated paraffins (average chain length, C12; approximately 60% Chlorine by weight)																								2.50E-05	Apr-99										
109	7782505	Chlorine	2.00E-01	1.00E-01	Yes	1.50E-01	Nov-10	5.80E+00	Nov-10	1.70E+02	Nov-10							2.10E+02	Apr-99			2.00E-01	Feb-00											1.00E-01	Jun-94		
110	10049044	Chlorine dioxide						2.80E+00	Sep-04													6.00E-01	Jan-01							2.00E-01	Oct-00						
111	79118	Chloroacetic acid			Yes																																
112	532274	2-Chloroacetophenone			Yes																									3.00E-02	Oct-91						
113	106478	p-Chloroaniline																																4.00E-03	Aug-98		
114		Chlorobenzenes including but not limited to:																																			
115	108907	Chlorobenzene			Yes									4.00E-01	Dec-90							1.00E+03	Jan-01											2.00E-02	Aug-89		
116	25321226	Dichlorobenzenes (mixed isomers) including:																																			
117	95501	1,2-Dichlorobenzene										3.00E-01	Aug-06	6.00E-01	Aug-06	7.00E-01	Aug-06																	9.00E-02	Aug-89		
118	541731	1,3-Dichlorobenzene												2.00E-02	Aug-06	4.00E-01	Aug-06																				
119	106467	p-Dichlorobenzene [1,4-Dichlorobenzene]	9.00E-02		Yes	6.00E+01	Aug-06	1.20E+03	Aug-06	1.20E+04	Aug-06											8.00E+02	Jan-01			1.10E-05	Apr-99			8.00E+02	Jan-94						
120	120821	1,2,4-Trichlorobenzene			Yes							1.00E-01	Oct-14	1.00E-01	Oct-14																			1.00E-02	May-92		
121	510156	Chlorobenzilate [POM] (Ethyl-4,4'-dichlorobenzilate)			Yes																													2.00E-02	Dec-89		
122	630206	1,1,1,2-Tetrachloroethane																														7.40E-06	Mar-89	3.00E-02	Sep-87		
123	156605	Trans-1,2-dichloroethene						7.90E+02	Aug-96	7.90E+02	Aug-96																							2.00E-02	Sep-10		
124	75683	1-Chloro-1,1-difluoroethane																												5.00E+04	Jul-95						
125	67663	Chloroform	9.80E+01	3.00E+02	Yes	9.80E+01	Sep-97	2.40E+02	Sep-97	4.90E+02	Sep-97							1.50E+02	Apr-99			3.00E+02	Apr-00			5.30E-06	Dec-90					2.30E-05	Oct-01	1.00E-02	Oct-01		
126	107302	Chloromethyl-methyl ether (technical grade)			Yes																																
127	563473	3-Chloro-2-methyl-propene																																			
128		Chlorophenols including but not limited to:																																			
129	95578	2-Chlorophenol																																5.00E-03	Aug-88		
130	120832	2,4-Dichlorophenol												3.00E-03	Jul-99																			3.00E-03	Jan-87		
131	87865	Pentachlorophenol			Yes							1.00E-03	Sep-01	1.00E-03	Sep-01	5.00E-03	Sep-01									5.10E-06	Apr-99							5.00E-03	Sep-10	4.00E-01	Sep-10
132		Tetrachlorophenols including but not limited to:																																			
133	58902	2,3,4,6-Tetrachlorophenol																																3.00E-02	Mar-88		
134	95954	2,4,5-Trichlorophenol			Yes																													1.00E-01	Jan-87		
135	88062	2,4,6-Trichlorophenol			Yes																					2.00E-05	Apr-99					3.10E-06	Jun-90				
136	95830	4-Chloro-o-phenylenediamine																								4.60E-06	Apr-99										
137	76062	Chloropicrin																2.90E+01	Apr-99			4.00E-01	Dec-01														
138	126998	Chloroprene			Yes																									2.00E+01	Sep-10	3.00E-04	Sep-10				
139	1897456	Chlorothalonil																																1.50E-02	Mar-88		
140	95692	p-Chloro-o-toluidine																								7.70E-05	Apr-99										
141	54749905	Chlorozotocin																																			
142	7738945	Chromic(VI) Acid																																			
143	18540299	Chromium VI	8.00E-05	Retain	Yes	5.00E-03	Sep-12	5.00E-03	Sep-12													2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14	1.00E-01	Sep-98	1.20E-02	Sep-98				
144		Chromium compounds			Yes																																
145	18540299	Chromium, hexavalent (and compounds) including but not limited to:	8.00E-05	Retain	Yes																	2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14	1.00E-01	Sep-98	1.20E-02	Sep-98				
146	10294403	Barium chromate																				2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14								
147	13765190	Calcium chromate																				2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14								
148	1333820	Chromium trioxide			Yes																	2.00E-03	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14								
149	7758976	Lead chromate																				2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14								
150	10588019	Sodium dichromate																				2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14								
151	7789062	Strontium chromate																				2.00E-01	Jan-01	2.00E-02	Oct-00	1.50E-01	Jan-86	5.00E-01	Jan-14								
152		Chrysene [PAH, POM], (see PAH)																																			
153	569619	C.I. Basic Red 9 Monohydrochloride																																			
154	87296	Cinnamyl Anthranilate																																			
155	7440484	Cobalt	1.00E-01	Retain	Yes	1.00E-01	Apr-04							1.00E-02	Apr-04																						
156		Cobalt compounds			Yes																																
157		Coke Oven Emissions			Yes																																
158	7440508	Copper												1.00E-02	Sep-04	1.00E-02	Sep-04	1.00E+02	Apr-99																		
159		Copper compounds																1.00E+02	Apr-99																		
160		Creosotes																																			
161	120718	p-Cresidine																								4.30E-05	Apr-99										
162	1319773	Cresols (mixtures of) (Cresylic acid) including:			Yes							1.00E-01	Sep-08	1.00E-01	Sep-08							6.00E+02	Jan-01														
163	108394	m-Cresol			Yes																	6.00E+02	Jan-01											5.00E-02	Aug-88		
164	95487	o-Cresol			Yes																	6.00E+02	Jan-01											5.00E-02	Sep-88		
165	106445	p-Cresol			Yes																	6.00E+02	Jan-01														
166	4170303	Crotonaldehyde																																			
167	98828	Cumene			Yes																									4.00E+02	Aug-97						
168	80159	Cumene hydroperoxide																																			
169	135206	Cupferron																								6.30E-05	Apr-99										
170	57125	Cyanide compounds (inorganic) including but not limited to:			Yes													3.40E+02	Apr-99			9.00E+00	Apr-00											6.00E-04	Sep-10		
171	74908	Hydrocyanic acid	9.00E+00	8.00E-01														3.40E+02	Apr-99			9.00E+00	Apr-00							8.00E-01	Sep-10						
172	110827	Cyclohexane																												6.00E+03	Sep-03						
173	108930	Cyclohexanol																																			
174	66819	Cycloheximide																																			
175	50180	Cyclophosphamide (anhydrous)																																			
176	6055192	Cyclophosphamide (Hydrated)																																			
177	5160021	D & C Red No. 9																																			
178	4342034	Dacarbazine																																			
179	117102	Danton																																			
180	72548	DDD, 4,4'-																																		2.40E-01	Aug-88
181	53190	DDD, 2,4'-																																			
182	3547044	DDE, 2,4'-			Yes																																
183	72559	DDE, 4,4'-																																		3.40E-01	Aug-88
184	789026	DDT, 2,4'-																																			
185	50293	DDT, 4,4'-												5.00E-04	Sep-03	5.00E-04	Sep-03															9.70E-05	Aug-88	5.00E-04	Mar-87		
186		Dialkylnitrosamines including but not limited to:																																			
187	924163	N-Nitrosodi-n-butylamine																								3.10E-03	Apr-99					1.60E-03	Jan-87				

	CAS	Common Name	Oregon DEQ 2010 ABCs (µg/m3)	DRAFT ATSAC 2015 OR DEQ ABCs	EPA 187 List	ATSDR MRLs												OEHHA												IRIS							
						Inhalation					Oral (No inhalation available)							Noncancer effects								Cancer risk											
						Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/kg/day)	Tox Profile Date	Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
188	1116547	N-Nitrosodiethanolamine																																		2.80E+00	Sep-87
189	55185	N-Nitrosodiethylamine																								1.00E-02	Apr-99					4.30E-02	Jan-87				
190	62759	N-Nitrosodimethylamine			Yes																					4.60E-03	Apr-99					1.40E-02	Jan-87				
191	621647	N-Nitrosodi-n-propylamine														9.50E-02	Dec-89									2.00E-03	Apr-99									7.00E+00	Mar-87
192	10595956	N-Nitrosomethylethylamine																								6.30E-03	Apr-99									2.20E+01	Mar-88
193	615054	2,4-Diaminoanisole																								6.60E-06	Apr-99										
194		Diaminotoluenes (mixed isomers) including but not limited to:																																			
195	95807	2,4-Diaminotoluene (2,4-Toluene diamine)			Yes																					1.10E-03	Apr-99										
196	334883	Diazomethane			Yes																																
197	333415	Diazinon						1.00E+01	Sep-08			7.00E-04	Sep-08			6.00E-03	Sep-08																				
198	226368	Dibenz[a,h]acridine [POM]																								1.10E-04	Apr-99	1.20E+00	Oct-00								
199	224420	Dibenz[a,j]acridine [POM]																								1.10E-04	Apr-99	1.20E+00	Oct-00								
200	194592	7H-Dibenzo[c,g]carbazole																								1.10E-03	Apr-99	1.20E+01	Oct-00								
201	5385751	Dibenzo[a,e]fluoranthene																																			
202	132649	Dibenzofuran [POM]			Yes																																
203		Dibenzofurans (chlorinated) (see Polychlorinated dibenzofurans) [POM]																																			
204	124481	Dibromochloromethane										9.00E-02	Aug-05			1.00E-01	Aug-05																	2.00E-02	Sep-87	8.40E-02	Jan-92
205	96128	1,2-Dibromo-3-chloropropane (DBCP)			Yes			1.90E+00	Sep-92																	2.00E-03	Apr-99			2.00E-01	Oct-91						
206	96139	2,3-Dibromo-1-propanol																																			
207	84742	Dibutyl phthalate			Yes											5.00E-01	Sep-01																	1.00E-01	Jan-87		
208	91941	3,3'-Dichlorobenzidine [POM]			Yes																					3.40E-04	Apr-99									4.50E-01	Jul-93
209	75343	1,1-Dichloroethane (Ethylidene dichloride)			Yes																					1.60E-06	Apr-99										
210	94757	Dichlorophenoxyacetic acid, salts and esters (2,4-D)			Yes																													1.00E-02	Mar-87		
211	78875	1,2-Dichloropropane (Propylene dichloride)			Yes			3.20E+01	Dec-89	2.30E+02	Dec-89	9.00E-02	Dec-89																	4.00E+00	Dec-91						
212	542756	1,3-Dichloropropene	2.50E-01		Yes	3.20E+01	Sep-08	3.60E+01	Sep-08																							4.00E-06	May-00	3.00E-02	May-00		
213	62737	Dichlorovos (DDVP)			Yes	5.40E-01	Sep-97	2.70E+00	Sep-97	1.80E+01	Sep-97																			5.00E-01	Nov-93					2.90E-01	Oct-89
214	115322	Dicofol [POM]																																			
215	84617	Di-cyclohexyl phthalate [DCHP]																																			
216	60571	Dieldrin										5.00E-05	Sep-02	1.00E-04	Sep-02																	4.60E-03	Sep-88	5.00E-05	Sep-88		
217		Diesel Particulate Matter	1.00E-01	Pending																		5.00E+00	Aug-98			3.00E-04	Aug-98										
218	111422	Diethanolamine			Yes																	3.00E+00	Dec-01														
219	117817	Di(2-ethylhexyl) phthalate (DEHP)			Yes							6.00E-02	Sep-02	1.00E-01	Sep-02											2.40E-06	Apr-99	8.40E-03	Oct-00					2.00E-02	Jan-87	1.40E-02	Sep-88
220	627441	Diethyl mercury																																			
221	84662	Diethylphthalate												6.00E+00	Jun-95	7.00E+00	Jun-95																	8.00E-01	Sep-87		
222	56531	Diethylstilbestrol																																			
223	64675	Diethyl sulfate			Yes																																
224	134623	Diethyltoluamide, N, N- (DEET)												1.00E+00	Sep-15																						
225	101906	Diglycidyl Resorcinol Ether																																			
226	94586	Dihydrosafrole																																			
227	119904	3,3'-Dimethoxybenzidine [POM]			Yes																																
228	60117	4-Dimethylaminoazobenzene [POM]			Yes																					1.30E-03	Apr-99										
229	121697	N,N-Dimethylaniline			Yes																													2.00E-03	Mar-88		
230	57976	7,12-Dimethylbenz[a]anthracene [PAH-Derivative, POM]																								7.10E-02	Apr-99	2.50E+02	Oct-00								
231	119337	3,3'-Dimethylbenzidine (o-Tolidine) [POM]			Yes																																
232	79447	Dimethyl carbamoyl chloride			Yes																																
233	68122	Dimethyl formamide			Yes																	8.00E+01	Jan-01							3.00E+01	Oct-90						
234	57147	1,1-Dimethylhydrazine			Yes			4.90E-01	Sep-97																												
235	131113	Dimethyl phthalate			Yes																																
236	77781	Dimethyl sulfate			Yes																																
237	513371	Dimethylvinylchloride																																			
238	534521	4,6-Dinitro-o-cresol (and salts)			Yes									4.00E-03	Aug-95	4.00E-03	Aug-95																				
239	51285	2,4-Dinitrophenol			Yes											1.00E-02	Aug-95																	2.00E-03	Mar-87		
240	25321146	Dinitrotoluenes (mixed isomers) including but not limited to:																																		6.80E-01	Sep-90
241	121142	2,4-Dinitrotoluene			Yes							1.00E-03	Feb-16	7.00E-03	Feb-16	5.00E-02	Feb-16									8.90E-05	Apr-99							2.00E-03	Jun-92	6.80E-01	Sep-90
242	606202	2,6-Dinitrotoluene												4.00E-03	Feb-16	9.00E-02	Feb-16																			6.80E-01	Sep-90
243	123911	1,4-Dioxane			Yes	1.10E+02	Apr-12	7.20E+02	Apr-12	7.20E+03	Apr-12							3.00E+03	Apr-99			3.00E+03	Apr-00			7.70E-06	Apr-99			3.00E+01	Aug-10	5.00E-06	Sep-13				
244	630933	Diphenylhydantoin [POM]																																			
245	122667	1,2-Diphenylhydrazine (Hydrazobenzene) [POM]			Yes																											2.20E-04	Jan-87				
246	2475458	Disperse Blue 1																																			
247	298044	Disulfoton						2.00E-01	Aug-95	6.00E+00	Aug-95	6.00E-05	Aug-95																					4.00E-05	Mar-87		
248	106898	Epichlorohydrin			Yes													1.30E+03	Apr-99			3.00E+00	Jan-01			2.30E-05	Apr-99			1.00E+00	Apr-92	1.20E-06	Mar-88				
249	106887	1,2-Epoxybutane			Yes																	2.00E+01	Jan-01							2.00E+01	May-92						
250		Epoxy resins																																			
251	50282	Estradiol 17b																																			
252	140885	Ethyl acrylate			Yes																																
253	100414	Ethylbenzene	4.00E-01		Yes	2.60E+02	Nov-10	8.70E+03	Nov-10	2.20E+04	Nov-10											2.00E+03	Feb-00			2.50E-06	Nov-07			1.00E+03	Jan-87						
254	75003	Ethyl chloride (Chloroethane)			Yes					4.00E+04	Dec-98											3.00E+04	Apr-00							1.00E+04	Apr-91						
255		Ethyl-4,4'-dichlorobenzilate (see Chlorobenzilate)																																			
256	74851	Ethylene																																			
257	106934	Ethylene dibromide (EDB, 1,2-Dibromoethane)	2.00E-03		Yes																	8.00E-01	Dec-01			7.10E-05	Jul-85			9.00E+00	Jul-04	6.00E-04	Jul-04				
258	107062	Ethylene dichloride (EDC, 1,2-Dichloroethane)	4.00E-02		Yes	2.40E+03	Sep-01							2.00E-01	Sep-01							4.00E+02	Jan-01			2.10E-05	Sep-85					2.60E-05	Mar-87				
259	107211	Ethylene glycol			Yes					2.00E+03	Nov-10			8.00E-01	Nov-10	8.00E-01	Nov-10					4.00E+02	Apr-00											2.00E+00	Sep-87		
260	151564	Ethyleneimine (Aziridine)			Yes																																
261	75218	Ethylene oxide	1.00E-02		Yes			1.60E+02	Dec-90													3.00E+01	Jan-01			8.80E-05	Nov-87										
262	96457	Ethylene thiourea			Yes																					1.30E-05	Apr-99							8.00E-05	May-91		
263	10028225	Ferric Sulfate																																			
264		Fluorides and compounds including but not limited to:																2.40E+02	Apr-99			1.30E+01	Aug-03	4.00E-02	Aug-03												
265	7664393	Hydrogen fluoride	1.40E+01	1.30E+01	Yes					1.60E+01								2.40E+02	Apr-99			1.40E+01	Aug-03	4.00E-02	Aug-03												
266	7782414	Fluorine gas F2								1.60E+01	Aug-95																							6.00E-02	Jan-87		
267		Fluorocarbons (brominated)																																			
268		Fluorocarbons (chlorinated) including but not limited to:																																			
269	76131	Chlorinated fluorocarbon (CFC-113) (1,1,2-Trichloro-1,2,2-trifluoroethane)																																3.00E+01	Apr-87		
270	75376	1,1-Difluoroethane																												4.00E+04	Sep-94						
271	811972	1,1,1,2-Tetrafluoroethane																												8.00E+04	Aug-95						
272	75456	Chlorodifluoromethane (Freon 22)																												5.00E+04	Nov-93						
273	75718	Dichlorodifluoromethane (Freon 12)																																2.00E-01	Jan-87		
274	75434	Dichlorofluoromethane (Freon 21)																																			
275	75694	Trichlorofluoromethane (Freon 11)																																3.00E-01	Jan-87		
276	50000	Formaldehyde	3.00E+00	2.00E-01	Yes	9.80E+00	Jul-99	3.70E+01	Jul-99	4.90E+01	Jul-99							5.50E+01	Dec-08	9.00E+00	Dec-08	9.00E+00	Dec-08			6.00E-06	Mar-92					1.30E-05	Oct-89	2.00E-01	Sep-90		
277	110009	Furan																																1.00E-03	Jan-87		
278	60568050	Furmecyclox																																		3.00E-02	Sep-88
279	3688537	Furylfuramide																																			
280	111308	Glutaraldehyde						1.20E-01	Dec-15	4.10E+00	Dec-15	1.00E-01	Dec-15									8.00E-02	Jan-01														
281	67730114	Glu-P-1																																			
282	67730103	Glu-P-2																																			
283		Glycol ethers and their acetates including but not limited to:			Yes																																

	CAS	Common Name	Oregon DEQ 2010 ABCs (µg/m3)	DRAFT ATSAC 2015 OR DEQ ABCs	EPA 187 List	ATSDR MRLs: Inhalation: Chronic (µg/m3)	Inhalation: Tox Profile Date	Inhalation: Intermediate (µg/m3)	Inhalation: Tox Profile Date	Inhalation: Acute (µg/m3)	Inhalation: Tox Profile Date	Oral (No inhalation available): Chronic (mg/kg/day)	Oral: Tox Profile Date	Oral: Intermediate (mg/kg/day)	Oral: Tox Profile Date	Oral: Acute (mg/kg/day)	Oral: Tox Profile Date	OEHHA Noncancer effects: Acute Inhalation (µg/m3)	Acute: Date Value Reviewed	8-hr Inhalation (µg/m3)	8-hr: Date Value Reviewed	Chronic Inhalation (µg/m3)	Chronic: Date Value Reviewed	Chronic Oral (mg/kg-d)	Chronic Oral: Date Value Reviewed	OEHHA Cancer risk: Inhalation Unit Risk (µg/m3)$^{-1}$	Inhalation Unit Risk: Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Oral Slope Factor: Date Value Reviewed	IRIS: EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
284	111466	Diethylene glycol																																		
285	111966	Diethylene glycol dimethyl ether																																		
286	112345	Diethylene glycol monobutyl ether																																		
287	111900	Diethylene glycol monoethyl ether																																		
288	111773	Diethylene glycol monomethyl ether																																		
289	2526571 8	Dipropylene glycol																																		
290	34590948	Dipropylene glycol monomethyl ether																																		
291	629141	Ethylene glycol diethyl ether																																		
292	110714	Ethylene glycol dimethyl ether																																		
293	111762	Ethylene glycol monobutyl ether				9.70E+02	Oct-98	1.40E+04	Oct-98	2.90E+04	Oct-98							1.40E+04	Apr-99											1.60E+03	Mar-10						
294	110805	Ethylene glycol monoethyl ether																3.70E+02	Apr-99			7.00E+01	Feb-00							2.00E+02	May-91						
295	111159	Ethylene glycol monoethyl ether acetate																1.40E+02	Apr-99			3.00E+02	Feb-00														
296	109864	Ethylene glycol monomethyl ether																9.30E+01	Apr-99			6.00E+01	Feb-00							2.00E+01	May-91						
297	110496	Ethylene glycol monomethyl ether acetate																				9.00E+01	Feb-00														
298	2807309	Ethylene glycol monopropyl ether																																		
299	107982	Propylene glycol monomethyl ether																				7.00E+03	Feb-00							2.00E+03	Jul-91						
300	108656	Propylene glycol monomethyl ether acetate																																		
301	112492	Triethylene glycol dimethyl ether																																		
302	16568028	Gyromitrin																																		
303	2784943	HC Blue 1																																		
304	76448	Heptachlor			Yes									1.00E-04	Aug-07	6.00E-04	Aug-07														1.30E-03	Sep-87	5.00E-04	Sep-87		
305	1024573	Heptachlor epoxide																													2.60E-03	Sep-87	1.30E-05	Sep-87		
306	118741	Hexachlorobenzene			Yes							7.00E-05	Aug-15	1.00E-04	Aug-15	8.00E-03	Aug-15									5.10E-04	Apr-99					4.60E-04	Mar-91	8.00E-04	Sep-88		
307	87683	Hexachlorobutadiene			Yes									2.00E-04	May-94																	2.20E-05	Mar-87				
308	608731	Hexachlorocyclohexanes (mixed or technical grade) including but not limited to:																								1.10E-03	Apr-99	4.00E+00	Oct-00			5.10E-04	Mar-87				
309	319846	alpha-Hexachlorocyclohexane										8.00E-03	Aug-05													1.10E-03	Apr-99	4.00E+00	Oct-00			1.80E-03	Mar-87				
310	319857	beta-Hexachlorocyclohexane												6.00E-04	Aug-05	5.00E-02	Aug-05									1.10E-03	Apr-99	4.00E+00	Oct-00			5.30E-04	Sep-87				
311	58899	Lindane (gamma-Hexachlorocyclohexane)			Yes									1.00E-05	Aug-05	3.00E-03	Aug-05									3.10E-04	Apr-99	1.10E+00	Oct-00					3.00E-04	Jan-87		
312	77474	Hexachlorocyclopentadiene			Yes	2.20E+00	Jul-99	1.10E+02	Jul-99																					2.00E-01	Jul-01						
313	67721	Hexachloroethane			Yes			5.80E+04	Sep-97	5.80E+04	Sep-97																			3.00E+01	Sep-11					4.00E-02	Sep-11
314	680319	Hexamethylphosphoramide			Yes																																
315	110543	Hexane	7.00E+03	7.00E+02	Yes	2.10E+03	Jul-99															7.00E+03	Apr-00							7.00E+02	Dec-05						
316	302012	Hydrazine			Yes			5.20E+00	Sep-97													2.00E-01	Jan-01			4.90E-03	Apr-99					4.90E-03	Sep-88				
317	10034932	Hydrazine Sulfate																																		
318	7647010	Hydrochloric acid	2.00E+01		Yes													2.10E+03	Apr-99			9.00E+00	Feb-00							2.00E+01	Jul-95						
319		Hydrocyanic acid (see Cyanide compounds)																																		
320	7783064	Hydrogen sulfide	2.00E+00	Retain	Yes			2.80E+01	Oct-14	9.80E+01	Oct-14							4.20E+01	Apr-99			1.00E+01	Apr-00							2.00E+00	Jul-03						
321	123319	Hydroquinone			Yes																																
322		Indeno[1,2,3-cd]pyrene [PAH, POM]. (see PAH)																																		
323	13463406	Iron pentacarbonyl																																		
324		Isocyanates including but not limited to:																																		
325	822060	Hexamethylene-1,6-diisocyanate			Yes	6.90E-02	Aug-98	2.10E-01	Aug-98																					1.00E-02	Sep-94						
326	101688	Methylene diphenyl diisocyanate (MDI) [POM]			Yes	1.00E+00	Sep-15											1.20E+01	Mar-16	1.60E-01	Mar-16	8.00E-02	Mar-16							6.00E-01	Feb-98						
327	624839	Methyl isocyanate			Yes																	1.00E+00	Dec-01														
328		Toluene-2,4-disocyanate (see Toluene disocyanates)																																		
329		Toluene-2,6-disocyanate (see Toluene disocyanates)																																		
330	78591	Isophorone			Yes							2.00E-01	Dec-89	3.00E+00	Dec-89							2.00E+03	Dec-01											2.00E-01	Sep-89	9.50E-04	Oct-92
331	78795	Isoprene, except from vegetative emission sources																																		
332	67630	Isopropyl alcohol																3.20E+03	Apr-99			7.00E+03	Feb-00														
333	80057	4,4'-Isopropylidenediphenol [POM]																																5.00E-02	Sep-88	
334	303344	Lasiocarpine																																		
335	7439921	Lead	1.50E-01	Retain	Yes																					1.20E-05	Apr-97	8.50E-03	Oct-00								
336	18454121	Lead Chromate Oxide			Yes																															
337		Lead compounds (inorganic) including but not limited to:			Yes																					1.20E-05	Apr-97	8.50E-03	Oct-00								
338	301042	Lead acetate			Yes																					1.20E-05	Apr-97	8.50E-03	Oct-00								
339		Lead chromate (see Chromium, hexalent)			Yes																															
340	7446277	Lead phosphate			Yes																					1.20E-05	Apr-97	8.50E-03	Oct-00								
341	1335326	Lead subacetate			Yes																					1.20E-05	Apr-97	8.50E-03	Oct-00								
342		Lead compounds (other than inorganic)																																		
343	108316	Maleic anhydride			Yes																	7.00E-01	Dec-01											1.00E-01	Aug-88		
344	7439965	Manganese	9.00E-02	Retain	Yes	3.00E-01	Sep-12													1.70E-01	Dec-08	9.00E-02	Dec-08							5.00E-02	Nov-95						
345		Manganese compounds			Yes															1.70E-01	Dec-08	9.00E-02	Dec-08														
346	148823	Melphalan																																		
347	3223072	Melphalan HCl																																		
348	7439976	Mercury	3.00E-01	Retain	Yes	2.00E-01	Mar-99											6.00E-01	Dec-08	6.00E-02	Dec-08	3.00E-02	Dec-08	1.60E-04	Dec-08					3.00E-01	Jul-95						
349		Mercury compounds including but not limited to:			Yes													6.00E-01	Dec-08	6.00E-02	Dec-08	3.00E-02	Dec-08	1.60E-04	Dec-08												
350	7487947	Mercuric chloride												2.00E-03	Mar-99	7.00E-03	Mar-99	6.00E-01	Dec-08	6.00E-02	Dec-08	3.00E-02	Dec-08	1.60E-04	Dec-08									3.00E-04	May-95		
351	593748	Methyl mercury (Dimethylmercury)			Yes							3.00E-04	Mar-99																					1.00E-04	Jul-01		
352	67561	Methanol	4.00E+03	Retain	Yes													2.80E+04	Apr-99			4.00E+03	Apr-00							2.00E+04	Sep-13						
353	72435	Methoxychlor [POM]			Yes									5.00E-03	Sep-02																			5.00E-03	Sep-90		
354	55738540	Trans-2[(dimethylamino)-methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole																																		
355	75558	2-Methylaziridine (1,2-Propyleneimine)																																		
356	74839	Methyl bromide (Bromomethane)	5.00E+00		Yes	1.90E+01	Sep-92	1.90E+02	Sep-92	1.90E+02	Sep-92							3.90E+03	Apr-99			5.00E+00	Feb-00							5.00E+00	Sep-88						
357	74873	Methyl chloride (Chloromethane)	9.00E+01		Yes	1.00E+02	Dec-98	4.10E+02	Dec-98	1.00E+03	Dec-98																			9.00E+01	Jul-01						
358	71556	Methyl chloroform (1,1,1-Trichloroethane)	1.00E+03	5.00E+03	Yes			3.80E+03	Jul-06	1.10E+04	Jul-06							6.80E+04	Apr-99			1.00E+03	Feb-00							5.00E+03	Sep-07						
359	101144	4,4'-Methylene bis(2-chloroaniline) (MOCA) [POM]			Yes							3.00E-03	May-94													4.30E-04	Apr-99										
360	75092	Methylene chloride (Dichloromethane)	2.10E+00	1.00E+02	Yes	1.00E+03	Sep-00	1.00E+03	Sep-00	2.10E+03	Sep-00							1.40E+04	Apr-99			4.00E+02	Feb-00			1.00E-06	Jul-89			6.00E+02	Nov-11	1.00E-08	Nov-11				
361	101779	4,4'-Methylenedianiline (and its dichloride) [POM]			Yes									8.00E-02	Aug-98	2.00E-01	Aug-98					2.00E+01	Dec-01			4.60E-04	Apr-99	1.60E+00	Oct-00								
362	13552448	4,4-Methylenedianiline Dihydrochloride																																		
363	838880	4,4-Methylene bis(2-Methylaniline)																																		
364	101611	4,4'-Methylene bis(n,n'-dimethyl)aniline																																	4.60E-02	Aug-89
365	78933	Methyl ethyl ketone (2-Butanone)			Yes													1.30E+04	Apr-99											5.00E+03	Sep-03						
366	60344	Methyl hydrazine			Yes																																
367	540738	1,2-Dimethylhydrazine												8.00E-04	Sep-97																						
368	74884	Methyl iodide (Iodomethane)			Yes																																
369	108101	Methyl isobutyl ketone (Hexone)			Yes																									3.00E+03	Apr-03						
370	75865	2-Methyllactonitrile (Acetone cyanohydrin)																																		
371	80626	Methyl methacrylate			Yes																									7.00E+02	Mar-98						
372	66273	Methyl Methanesulfonate																																		
373	129157	2-Methyl-1-nitroanthraquinone																																		
374	70257	n-Methyl-n-nitro-n-nitrosoguanidine																																		
375	832699	Methylphenanthrene, 1-																																		
376	2381217	Methylpyrene, 1-																																		
377	109068	2-Methylpyridine																																		
378	1634044	Methyl tert-butyl ether			Yes	2.50E+03	Aug-96	2.50E+03	Aug-96	7.20E+03	Aug-96											8.00E+03	Feb-00			2.60E-07	Nov-99			3.00E+03	Sep-93						

	CAS	Common Name	Oregon DEQ 2010 ABCs (µg/m3)	DRAFT ATSAC 2015 OR DEQ ABCs	EPA 187 List	ATSDR MRLs: Inhalation: Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Oral (No inhalation available): Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/kg/day)	Tox Profile Date	OEHHA: Noncancer effects: Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Cancer risk: Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	IRIS: EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
379	56042	Methylthiouracil																																		
380	90948	Michler's ketone [POM]																								2.50E-04	Apr-99									
381		Mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.			Yes																															
382		Mineral fibers (fine mineral fibers which are man-made, and are airborne particles of a respirable size greater than 5 microns in length, less than or equal to 3.5 microns in diameter, with a length to diameter ratio of 3:1) including but not limited to:																																		
383		Ceramic fibers																																		
384		Glasswool fibers																																		
385		Rockwool																																		
386		Slagwool																																		
387		Mineral fibers (other than man-made) including but not limited to:																																		
388	1332214	Asbestos			Yes																					1.90E-04	Mar-86					2.30E-01	Sep-88				
389	12510428	Erionite																																		
390		Talc containing asbestiform fibers																																		
391	2385855	Mirex										8.00E-04	Aug-95																					2.00E-04	Oct-92		
392	50077	Mitomycin C																																		
393	1313275	Molybdenum trioxide																																		
394	315220	Monocrotaline																																		
395	91598	2-Naphthylamine																																		
396	7440020	Nickel			Yes	9.00E-02	Aug-05	2.00E-01	Aug-05									2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91							2.00E-02	Dec-96		
397		Nickel compounds including but not limited to:	5.00E-02	.004 (insoluble) .01 (soluble)	Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
398	373024	Nickel acetate			Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
399	3333673	Nickel carbonate			Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
400	13463393	Nickel carbonyl			Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
401	12054487	Nickel hydroxide			Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
402	1271289	Nickelocene																2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
403	1313991	Nickel oxide			Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	2.00E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
404	12035722	Nickel subsulfide	2.00E-03	.004 (insoluble) .01 (soluble)	Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91					4.80E-04	Sep-87				
405		Nickel refinery dust from the pyrometallurgical process			Yes													2.00E-01	Mar-12	6.00E-02	Mar-12	1.40E-02	Mar-12	1.10E-02	Mar-12	2.60E-04	Aug-91										
406		Nickel Refinery Dust	4.00E-03	.004 (insoluble) .01 (soluble)	Yes																															
407	3570750	Nifurthiazole																																		
408	7697372	Nitric acid																8.60E+01	Apr-99																	
409	139139	Nitrilotriacetic acid																																		
410	18662538	Nitrilotriacetic acid, trisodium salt monohydrate																																		
411	99592	5-Nitro-o-Anisidine																																		
412	98953	Nitrobenzene			Yes																									9.00E+00	Feb-09	4.00E-05	Feb-09				
413	92933	4-Nitrobiphenyl [POM]			Yes																															
414	1836755	Nitrofen																																		
415	59870	Nitrofurazone																																		
416	555840	1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone																																		
417	531828	n-[4-(5-nitro-2-furyl)-2-thiazolyl]-acetamide																																		
418	302705	Nitrogen mustard N-oxide																																		
419	100027	4-Nitrophenol			Yes																															
420	79469	2-Nitropropane			Yes																									2.00E+01	Mar-91						
421	86306	N-Nitrosodiphenylamine																								2.60E-06	Apr-99									4.90E-03	Mar-87
422	156105	p-Nitrosodiphenylamine [POM]																								6.30E-06	Apr-99										
423	759739	n-Nitroso-n-ethylurea																																		
424	615532	n-Nitroso-n-Methylurethane																																		
425	684935	N-Nitroso-N-methylurea			Yes																															
426	59892	N-Nitrosomorpholine			Yes																					1.90E-03	Apr-99										
427	16543558	n-Nitrosonornicotine																																		
428	100754	N-Nitrosopiperidine																								2.70E-03	Apr-99										
429	930552	N-Nitrosopyrrolidine																								6.00E-04	Apr-99					6.10E-04	Jan-87				
430	39765805	Trans-Nonachlor																																		
431	104405	Nonylphenol, 4- (& ethoxylates)																																		
432		Oleum (see Sulfuric acid and oleum)																																		
433		PAHs (Polycyclic aromatic hydrocarbons) [POM] including but not limited to:			Yes																					1.10E-03	Apr-99	1.20E+01	Oct-00								
434		PAHs, total, wo individ. components reported [PAH, POM]																																		
435		PAHs, total, with individ. components also reported [PAH, POM]																																		
436	83329	Acenaphthene [PAH, POM]												6.00E-01	Aug-95																			6.00E-02	Nov-90		
437	208968	Acenaphthylene [PAH, POM]																																		
438	120127	Anthracene [PAH, POM]												1.00E+01	Aug-95																			3.00E-01	Sep-90		
439	56553	Benz[a]anthracene [PAH, POM]																								1.10E-04	Apr-99	1.20E+00	Oct-00								
440	50328	Benzo[a]pyrene [PAH, POM]																								1.10E-03	Apr-99	1.20E+01	Oct-00							7.30E+00	Nov-94
441	205992	Benzo[b]fluoranthene																								1.10E-04	Apr-99	1.20E+00	Oct-00								
442	192972	Benzo[e]pyrene [PAH, POM]																																		
443	191242	Benzo[g,h,i]perylene [PAH, POM]																																		
444	205823	Benzo[j]fluoranthene [PAH, POM]																								1.10E-04	Apr-99	1.20E+00	Oct-00								
445	207089	Benzo[k]fluoranthene [PAH, POM]																								1.10E-04	Apr-99	1.20E+00	Oct-00								
446	218019	Chrysene [PAH, POM]																								1.10E-05	Apr-99	1.20E-01	Oct-00								
447	53703	Dibenz[a,h]anthracene [PAH, POM]																								1.20E-03	Apr-99	4.10E+00	Oct-00								
448	192654	Dibenzo[a,e]pyrene [PAH, POM]																								1.10E-03	Apr-99	1.20E+01	Oct-00								
449	189640	Dibenzo[a,h]pyrene [PAH, POM]																								1.10E-02	Apr-99	1.20E+02	Oct-00								
450	189559	Dibenzo[a,i]pyrene [PAH, POM]																								1.10E-02	Apr-99	1.20E+02	Oct-00								
451	191300	Dibenzo[a,l]pyrene [PAH, POM]																								1.10E-02	Apr-99	1.20E+02	Oct-00								
452	206440	Fluoranthene [PAH, POM]												4.00E-01	Aug-95																			4.00E-02	Sep-90		
453	86737	Fluorene [PAH, POM]												4.00E-01	Aug-95																			4.00E-02	Nov-90		
454	193395	Indeno[1,2,3-cd]pyrene [PAH, POM]																								1.10E-04	Apr-99	1.20E+00	Oct-00								
455	91576	2-Methyl naphthalene [PAH, POM]										4.00E-02	Aug-05																					4.00E-03	Dec-03		
456	91203	Naphthalene [PAH, POM]	3.00E-02		Yes	3.70E+00	Aug-05							6.00E-01	Aug-05	6.00E-01	Aug-05					9.00E+00	Apr-00			3.40E-05	Aug-04			3.00E+00	Sep-98						
457	198550	Perylene [PAH, POM]																																		
458	85018	Phenanthrene [PAH, POM]																																		
459	129000	Pyrene [PAH, POM]																																3.00E-02	Sep-90		
460		PAH-Derivatives (Polycyclic aromatic hydrocarbon derivatives) [POM] (including but not limited to those substances listed in Appendix A with the bracketed designation [PAH-Derivative, POM])	9.00E-04	Pending																																

	CAS	Common Name	Oregon DEQ 2010 ABCs (µg/m3)	DRAFT ATSAC 2015 OR DEQ ABCs	EPA 187 List	ATSDR MRLs											OEHHA												IRIS							
						Inhalation						Oral (No inhalation available)					Noncancer effects								Cancer risk											
						Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/Kg/day)	Tox Profile Date	Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
461	53963	2-Acetylaminofluorene [PAH-Derivative, POM]			Yes																															
462	117793	2-Aminoanthraquinone [PAH-Derivative, POM]																							9.40E-06	Apr-99										
463	63252	Carbaryl [PAH-Derivative, POM]			Yes																												1.00E-01	Jan-87		
464	42397648	1,6-Dinitropyrene [PAH-Derivative, POM]																							1.10E-02	Apr-99	1.20E+02	Oct-00								
465	42397659	1,8-Dinitropyrene [PAH-Derivative, POM]																							1.10E-03	Apr-99	1.20E+01	Oct-00								
466	56495	3-Methylcholanthrene [PAH-Derivative, POM]																							6.30E-03	Apr-99	2.20E+01	Oct-00								
467	3697243	5-Methylchrysene [PAH-Derivative, POM]																							1.10E-03	Apr-99	1.20E+01	Oct-00								
468	602879	5-Nitroacenaphthene [PAH-Derivative, POM]																							3.70E-05	Apr-99	1.30E-01	Oct-00								
469	7496028	6-Nitrochrysene [PAH-Derivative, POM]																							1.10E-02	Apr-99	1.20E+02	Oct-00								
470	607578	2-Nitrofluorene [PAH-Derivative, POM]																							1.10E-05	Apr-99	1.20E-01	Oct-00								
471	5522430	1-Nitropyrene [PAH-Derivative, POM]																							1.10E-04	Apr-99	1.20E+00	Oct-00								
472	57835924	4-Nitropyrene [PAH-Derivative, POM]																							1.10E-04	Apr-99	1.20E+00	Oct-00								
473	56382	Parathion			Yes			2.00E-02	Oct-14																											
474		Polybrominated diphenyl ethers (PBDEs), including but not limited to:																																		
475	5436431	PBDE-047 [2,2',4,4'-Tetrabromodiphenyl ether]												3.00E-06	Sep-15																		1.00E-04	Jun-08		
476	60348609	PBDE-099 [2,2',4,4',5-Pentabromodiphenyl ether]						6.00E+00	Sep-15							6.00E-05	Sep-16																1.00E-04	Jun-08		
477	189084648	PBDE-100 [2,2',4,4',6-Pentabromodiphenyl ether]																																		
478	36483600	PBDE-138 [2,2',3,4,4',5'-Hexabromodiphenyl ether]																																		
479	68631492	PBDE-153 [2,2',4,4',5,5'-hexabromodiphenyl ether]																															2.00E-04	Jun-08		
480	36483600	PBDE-154 [2,2',4,4',5,6'-Hexabromodiphenyl ether]																																		
481	68928803	PBDE-185 [2,2',3,4,4',5',6'-Heptabromodiphenyl ether]																																		
482	1163195	PBDE-209 [Decabromodiphenyl oxide] [POM]												2.00E-04	Sep-15	1.00E-02	Sep-15																7.00E-03	Jun-08	7.00E-04	Jun-08
483	1336363	PCBs (Polychlorinated biphenyls), total [POM] including but not limited to:	1.00E-02		Yes																				2e-5 lowest 1.1e-4 low 5.7e-4 high	Apr-99	7e-2 lowest 4e-1 low 2e0 highest	Oct-00			1.00E-04	Oct-96				
484	34883437	PCB-8 [2,4'-dichlorobiphenyl]																																		
485	37680652	PCB 18 [2,2',5-trichlorobiphenyl]																																		
486	7012375	PCB-28 [2,4,4'-trichlorobiphenyl]																																		
487	41464395	PCB-44 [2,2',3,5'-tetrachlorobiphenyl]																																		
488	35693993	PCB-52 [2,2',5,5'-tetrachlorobiphenyl]																																		
489	32598100	PCB-66 [2,3',4,4'-tetrachlorobiphenyl]																																		
490	32598133	PCB 77 [3,3',4,4'-tetrachlorobiphenyl]																				4.00E-01	Aug-03	1.00E-04	Aug-03	3.80E-03	Aug-03	1.30E+01	Aug-03								
491	70362504	PCB 81 [3,4,4',5-tetrachlorobiphenyl]																				1.30E-01	Jan-11	3.30E-05	Jan-11	1.10E-02	Jan-11	3.90E+01	Jan-11								
492	37680732	PCB-101 [2,2',4,5,5'-pentachlorobiphenyl]																																		
493	32598144	PCB 105 [2,3,3',4,4'-pentachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
494	74472370	PCB 114 [2,3,4,4',5-pentachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
495	31508006	PCB 118 [2,3',4,4',5-pentachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
496	65510443	PCB 123 [2,3',4,4',5'-pentachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
497	57465288	PCB 126 [3,3',4,4',5-pentachlorobiphenyl]																				4.00E-04	Aug-03	1.00E-07	Aug-03	3.80E+00	Aug-03	1.30E+04	Aug-03								
498	38380073	PCB-128 [2,2',3,3',4,4'-hexachlorobiphenyl]																																		
499	35065282	PCB-138 [2,2',3,4,4',5'-hexachlorobiphenyl]																																		
500	35065271	PCB-153 [2,2',4,4',5,5'-hexachlorobiphenyl]																																		
501	38380084	PCB 156 [2,3,3',4,4',5-hexachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
502	69782907	PCB 157 [2,3,3',4,4',5'-hexachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
503	52663726	PCB 167 [2,3',4,4',5,5'-hexachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
504	32774166	PCB 169 [3,3',4,4',5,5'-hexachlorobiphenyl]																				1.30E-03	Jan-11	3.30E-07	Jan-11	1.10E+00	Jan-11	3.90E+03	Jan-11								
505	35065306	PCB-170 [2,2',3,3',4,4',5-heptachlorobiphenyl]																																		
506	35065293	PCB-180 [2,2',3,4,4',5,5'-heptachlorobiphenyl]																																		
507	52663680	PCB-187 [2,2',3,4',5,5',6-heptachlorobiphenyl]																																		
508	39635319	PCB 189 [2,3,3',4,4',5,5'-heptachlorobiphenyl]																				1.30E+00	Jan-11	3.30E-04	Jan-11	1.10E-03	Jan-11	3.90E+00	Jan-11								
509	52663782	PCB-195 [2,2',3,3',4,4',5,6-octachlorobiphenyl]																																		
510	40186729	PCB-206 [2,2',3,3',4,4',5,5',6-nonachlorobiphenyl]																																		
511	2051243	PCB-209 [2,2'3,3',4,4',5,5',6,6'-decachlorobiphenyl]																																		
512	32534819	Pentabromodiphenyl Ether						6.00E+00	Sep-15																								2.00E-03	Mar-87		
513	82688	Pentachloronitrobenzene (Quintobenzene)			Yes																												3.00E-03	Sep-87		
514	79210	Peracetic acid																																		
515	127184	Perchloroethylene (Tetrachloroethene)	3.50E+01	4.00E+00	Yes	4.10E+01	Oct-14	4.10E+01	Oct-14	4.10E+01	Oct-14							2.00E+04	Apr-99			3.50E+01	Oct-91			6.10E-06	Oct-91			4.00E+01	Feb-12	2.60E-07	Feb-12				
516	2795393	Perfluorooctanoic acid (PFOA) and its salts, esters, and sulfonates																																		
517	62442	Phenacetin																																		
518	94780	Phenazopyridine																																		
519	136403	Phenazopyridine hydrochloride																																		
520	3546109	Phenesterin																																		
521	50066	Phenobarbital																																		
522	108952	Phenol			Yes											1.00E+00	Sep-08	5.80E+03	Apr-99			2.00E+02	Apr-00										3.00E-01	Sep-02		
523	59961	Phenoxybenzamine																																		
524	63923	Phenoxybenzamine hydrochloride																																		
525	106503	p-Phenylenediamine			Yes																															
526	132274	o-Phenylphenate, Sodium																																		
527	90437	2-Phenylphenol [POM]																																		
528	75445	Phosgene		3.00E-01	Yes													4.00E+00	Apr-99											3.00E-01	Jan-06						
529	7723140	Phosphorus	7.00E-02	9.00E+00	Yes					2.00E+01	Sep-97			2.00E-04	Sep-97																		2.00E-05	Aug-90		
530		Phosphorus compounds:																																		
531	7803512	Phosphine	3.00E-01	8.00E-01	Yes																	8.00E-01	Sep-02							3.00E-01	Jan-87						
532	7664382	Phosphoric acid	1.00E+01																			7.00E+00	Feb-00							1.00E+01	Aug-95						
533	10025873	Phosphorus oxychloride																																		
534	10026138	Phosphorus pentachloride																																		
535	1314563	Phosphorus pentoxide																																		
536	7719122	Phosphorus trichloride																																		
537	126738	Tributyl phosphate										8.00E-02	Sep-12	8.00E-02	Sep-12	1.10E+00	Sep-12																				
538	78400	Triethyl phosphine																																		
539	512561	Trimethyl phosphate																																		
540	78308	Triorthocresyl phosphate [POM]																																		

	CAS	Common Name	Oregon DEQ 2010 ABCs (µg/m3)	DRAFT ATSAC 2015 OR DEQ ABCs	EPA 187 List	ATSDR MRLs											OEHHA												IRIS							
						Inhalation						Oral (No inhalation available)					Noncancer effects								Cancer risk											
						Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/kg/day)	Tox Profile Date	Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
541	115866	Triphenyl phosphate [POM]																																		
542	101020	Triphenyl phosphite [POM]																																		
543		Phthalates - as a group																																		
544	85449	Phthalic anhydride			Yes																	2.00E+01	Jan-01										2.00E+00	Sep-88		
545		Polychlorinated dibenzo-p-dioxins (PCDDs or Dioxins) [POM] including but not limited to:																				4.00E-05	Feb-00	1.00E-08	Oct-00	3.80E+01	Aug-86	1.30E+05	Aug-86								
546		Dioxins, total, w/o individ. isomers reported (PCDDs) [POM]																																		
547	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) [POM]	3.00E-08		Yes							1.00E-09	Dec-89	2.00E-08	Dec-98	2.00E-07	Dec-98					4.00E-05	Feb-00	1.00E-08	Oct-00	3.80E+01	Aug-86	1.30E+05	Aug-86					7.00E-10	Feb-12	1.30E+05	May-94
548	40321764	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD) [POM]																				4.00E-05	Aug-03	1.00E-08	Aug-03	3.80E+01	Aug-03	1.30E+05	Aug-03								
549	39227286	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00								
550	57653857	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD) [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00			1.30E+00	Jan-87				
551	19408743	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD) [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00			1.30E+00	Mar-87				
552	35822469	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD) [POM]																				4.00E-03	Feb-00	1.00E-06	Oct-00	3.80E-01	Apr-99	1.30E+03	Oct-00								
553	3268879	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD) [POM]																				1.30E-01	Jan-11	3.30E-05	Jan-11	1.10E-02	Jan-11	3.90E+01	Jan-11								
554	41903575	Total Tetrachlorodibenzo-p-dioxin [POM]																																		
555	36088229	Total Pentachlorodibenzo-p-dioxin [POM]																																		
556	34465468	Total Hexachlorodibenzo-p-dioxin [POM]																																		
557	37871004	Total Heptachlorodibenzo-p-dioxin [POM]																																		
558		Polychlorinated dibenzofurans (PCDFs or Dibenzofurans) [POM] including but not limited to:																				4.00E-05	Feb-00	1.00E-08	Oct-00	3.80E+01	Aug-86	1.30E+05	Aug-86								
559		Dibenzofurans (Polychlorinated dibenzofurans) [PCDFs] [POM]																																		
560	51207319	2,3,7,8-Tetrachlorodibenzofuran [TcDF] [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00								
561	57117416	1,2,3,7,8-Pentachlorodibenzofuran [PeCDF] [POM]																				1.30E-03	Jan-11	3.30E-07	Jan-11	1.10E+00	Jan-11	3.90E+03	Jan-11								
562	57117314	2,3,4,7,8-Pentachlorodibenzofuran [PeCDF] [POM]												3.00E-08	May-94	1.00E-06	May-94					1.30E-04	Jan-11	3.30E-08	Jan-11	1.10E+01	Jan-11	3.90E+04	Jan-11								
563	70648269	1,2,3,4,7,8-Hexachlorodibenzofuran [HxCDF] [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00								
564	57117449	1,2,3,6,7,8-Hexachlorodibenzofuran [HxCDF] [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00								
565	72918219	1,2,3,7,8,9-Hexachlorodibenzofuran [HxCDF] [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00								
566	60851345	2,3,4,6,7,8-Hexachlorodibenzofuran [HxCDF] [POM]																				4.00E-04	Feb-00	1.00E-07	Oct-00	3.80E+00	Apr-99	1.30E+04	Oct-00								
567	67562394	1,2,3,4,6,7,8-Heptachlorodibenzofuran [HpCDF] [POM]																				4.00E-03	Feb-00	1.00E-06	Oct-00	3.80E-01	Apr-99	1.30E+03	Oct-00								
568	55673897	1,2,3,4,7,8,9-Heptachlorodibenzofuran																				4.00E-03	Feb-00	1.00E-06	Oct-00	3.80E-01	Apr-99	1.30E+03	Oct-00								
569	39001020	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF) [POM]																				1.30E-01	Jan-11	3.30E-05	Jan-11	1.10E-02	Jan-11	3.90E+01	Jan-11								
570	55722275	Total Tetrachlorodibenzofuran [POM]																																		
571	30402154	Total Pentachlorodibenzofuran [POM]																																		
572	55684941	Total Hexachlorodibenzofuran [POM]																																		
573	38998753	Total Heptachlorodibenzofuran [POM]																																		
574		POM (Polycyclic organic matter) (including but not limited to those substances listed in Appendix A with the bracketed designation of [POM], [PAH, POM], or [PAH-Derivative, POM])			Yes																															
575	3564098	Ponceau 3R																																		
576	3761533	Ponceau MX																																		
577	671169	Procarbazine																																		
578	366701	Procarbazine Hydrochloride																																		
579	1120714	1,3-Propane sultone			Yes																					6.90E-04	Apr-99										
580	57578	beta-Propiolactone			Yes																															
581	123386	Propionaldehyde			Yes																									8.00E+00	Sep-08						
582	114261	Propoxur (Baygon)			Yes																													4.00E-03	Jul-92	
583	115071	Propylene																				3.00E+03	Apr-00													
584	6423434	Propylene Glycol Dinitrate				2.70E-01	Jun-95	2.70E-01	Jun-95	2.00E+01	Jun-95																									
585	75569	Propylene oxide			Yes													3.10E+03	Apr-99			3.00E+01	Feb-00			3.70E-06	Apr-99			3.00E+01	Nov-90	3.70E-06	Oct-90			
586	75558	1,2-Propyleneimine (see 2-Methylaziridine)			Yes																															
587	51525	Propylthiouracil																																		
588	110861	Pyridine																																1.00E-03	Sep-87	
589	91225	Quinoline			Yes																															3.00E+00 Sep-01
590	106514	Quinone			Yes																															
591		Radionuclides including but not limited to:			Yes																															
592	24267569	Iodine-131																																		
593		Radon and its decay products			Yes																															
594		Refractory Ceramic Fibers				3.00E-02																														
595	50555	Reserpine [POM]																																		
596	94597	Safrole																																		
597	7782492	Selenium		ATSAC Declined rec	Yes							5.00E-03	Sep-03									2.00E+01	Dec-01	5.00E-03	Dec-01									5.00E-03	Jun-91		
598		Selenium compounds including but not limited to:			Yes																	2.00E+01	Dec-01	5.00E-03	Dec-01											
599	7783075	Hydrogen selenide																5.00E+00	Apr-99																	
600	7446346	Selenium sulfide			Yes																	2.00E+01	Dec-01	5.00E-03	Dec-01											
601	85535848	Short-chain (C10-13) chlorinated paraffins																																		
602	7631869	Silica, crystalline (respirable)																				3.00E+00	Feb-05													
603	7440224	Silver																																5.00E-03	Dec-91	
604		Silver compounds																																		
605	1310732	Sodium hydroxide																8.00E+00	Apr-99																	
606	10048132	Sterigmatocystin																																		
607	18883664	Streptozotocin																																		
608	100425	Styrene		1.00E+03	Yes	8.50E+02	Nov-10			2.10E+04	Nov-10							2.10E+04	Apr-99			9.00E+02	Apr-00							1.00E+03	Jan-87						
609	96093	Styrene oxide			Yes																															
610	95067	Sulfallate																																		
611	505602	Sulfur Mustard						2.00E-02	Sep-03	7.00E-01	Sep-03																									
612		Sulfuric acid and oleum																																		
613	8014957	Oleum																1.20E+02	Apr-99																	
614	7446719	Sulfur trioxide																1.20E+02	Apr-99			1.00E+00	Dec-01													
615	7664939	Sulfuric acid																1.20E+02	Apr-99			1.00E+00	Dec-01													
616	100210	Terephthalic acid																																		
617	40088479	Tetrabromodiphenyl Ether																																		
618	79345	1,1,2,2-Tetrachloroethane			Yes									5.00E-01	Sep-08											5.80E-05	Apr-99							2.00E-02	Sep-10	2.00E-01	Sep-10
619		Tetrachlorophenols (see Chlorophenols)																																		
620	7440280	Thallium																																		
621		Thallium compounds																																		
622	62555	Thioacetamide																								1.70E-03	Apr-99									
623	139651	4,4-Thiodianiline																																		
624	62566	Thiourea																																		
625	7550450	Titanium tetrachloride			Yes	1.00E-01	Sep-97	1.00E+01	Sep-97																											

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						Inhalation						Oral (No inhalation available)						Noncancer effects								Cancer risk											
						Chronic (µg/m3)	Tox Profile Date	Intermediate (µg/m3)	Tox Profile Date	Acute (µg/m3)	Tox Profile Date	Chronic (mg/kg/day)	Tox Profile Date	Intermediate (mg/kg/day)	Tox Profile Date	Acute (mg/kg/day)	Tox Profile Date	Acute Inhalation (µg/m3)	Date Value Reviewed	8-hr Inhalation (µg/m3)	Date Value Reviewed	Chronic Inhalation (µg/m3)	Date Value Reviewed	Chronic Oral (mg/kg-d)	Date Value Reviewed	Inhalation Unit Risk (µg/m3)$^{-1}$	Date Value Reviewed	Oral Slope Factor (mg/kg-d)	Date Value Reviewed	EPA - RfC (µg/m3)	EPA IRIS Date (NC)	Inhalation Unit Risk - IUR (µg/m3)$^{-1}$	EPA IRIS Date (Cancer)	EPA Oral - RfD (when no RfC value - units mg/kg-d)	EPA IRIS Date (NC)	Oral Slope Factor (when no IUR value - units mg/kg/day)$^{-1}$	EPA IRIS Date (Cancer)
626	108883	Toluene	4.00E+02	5.00E+03	Yes	3.80E+03	Sep-15			7.50E+03	Sep-15			2.00E-01	Sep-15			3.70E+04	Apr-99			3.00E+02	Apr-00							5.00E+03	Sep-05						
627	26471625	Toluene diisocyanates including but not limited to:	7.00E-02			2.10E-02	Sep-15			7.10E-02	Sep-15							2.00E+00	Mar-16	1.50E-02	Mar-16	8.00E-03	Mar-16			1.10E-05	Mar-16			7.00E-02	Sep-95						
628	584849	Toluene-2,4-diisocyanate			Yes													2.00E+00	Mar-16	1.50E-02	Mar-16	8.00E-03	Mar-16			1.10E-05	Mar-16										
629	91087	Toluene-2,6-diisocyanate																2.00E+00	Mar-16	1.50E-02	Mar-16	8.00E-03	Mar-16			1.10E-05	Mar-16										
630	95534	o-Toluidine			Yes																																
631	636215	o-Toluidine Hydrochloride																																			
632	8001352	Toxaphene (Polychlorinated camphenes)			Yes									2.00E-03	Sep-14	5.00E-02	Sep-14															3.20E-04	Aug-88				
633	79005	1,1,2-Trichloroethane (Vinyl trichloride)			Yes									4.00E-02	Dec-89	3.00E-01	Dec-89									1.60E-05	Apr-99					1.60E-05	Mar-87	4.00E-03	Sep-88		
634	79016	Trichloroethylene	5.00E-01	2.00E-01	Yes	2.10E+00	Oct-14	2.10E+00	Oct-14													6.00E+02	Apr-00			2.00E-06	Oct-90			2.00E+00	Sep-11	4.10E-06	Sep-11				
635	96184	1,2,3-Trichloropropane								1.80E+00	Sep-92			6.00E-02	Sep-92															3.00E-01	Sep-09					3.00E+01	Sep-09
636	3380345	Triclosan																																			
637	121448	Triethylamine			Yes													2.80E+03	Apr-99			2.00E+02	Sep-02							7.00E+00	Apr-91						
638	1582098	Trifluralin			Yes																													7.50E-03	Jul-89	7.70E-03	Aug-88
639	25551137	Trimethylbenzenes including but not limited to:																																			
640	95636	1,2,4-Trimethylbenzene																																			
641	540841	2,2,4-Trimethylpentane			Yes																																
642	62450060	Tryptophan-P-1																																			
643	62450071	Tryptophan-P-2																																			
644	51796	Urethane (Ethyl carbamate)			Yes																					2.90E-04	Apr-99										
645	7440622	Vanadium (fume or dust)				1.00E-01	Sep-12			8.00E-01	Sep-12			1.00E-02	Sep-12			3.00E+01	Apr-99																		
646	1314621	Vanadium pentoxide																3.00E+01	Apr-99															9.00E-03	Jul-88		
647	108054	Vinyl acetate			Yes			3.50E+01	Jul-92													2.00E+02	Dec-01							2.00E+02	Oct-90						
648	593602	Vinyl bromide			Yes																									3.00E+00	May-93						
649	75014	Vinyl chloride	1.00E-01		Yes			7.70E+01	Jul-06	1.30E+03	Jul-06	3.00E-03	Jul-06					1.80E+05	Apr-99							7.80E-05	Dec-90			1.00E+02	Aug-00	8.80E-06	Aug-00				
650	100403	4-Vinylcyclohexene																																			
651	75025	Vinyl fluoride																																			
652	75354	Vinylidene chloride			Yes			7.90E+01	May-94			9.00E-03	May-94									7.00E+01	Jan-01							2.00E+02	Aug-02						
653		Wood preservatives (containing arsenic and chromate)																																			
654	1330207	Xylenes (mixed) including:	7.00E+02		Yes	2.20E+02	Aug-07	2.60E+03	Aug-07	8.70E+03	Aug-07							2.20E+04	Apr-99			7.00E+02	Apr-00							1.00E+02	Feb-03						
655	108383	m-Xylene			Yes													2.20E+04	Apr-99			7.00E+02	Apr-00														
656	95476	o-Xylene			Yes													2.20E+04	Apr-99			7.00E+02	Apr-00														
657	106423	p-Xylene			Yes													2.20E+04	Apr-99			7.00E+02	Apr-00														
658	7440666	Zinc										3.00E-01	Aug-05	3.00E-01	Aug-05																			3.00E-01	Aug-05		
659		Zinc compounds including but not limited to:																																			
660	1314132	Zinc oxide																																			