

Section 5155 PEL Update List of Substances

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1															
2	update status	Chemical Name	CAS	HEAC Priority	HEAC mtg date / rec	FAC mtg date / rec	ACGIH Year	AIH Year	Other Source [NIOSH, oehha, etc]	5155 PEL	PEL Skin notation	OEL [new or change]	Skin notation	Notations and listed OEL basis (to be verified)	Red indicates used in prioritization
3	O	acetaldehyde	75070		1 mk		1992		oehha	25 ppm C		25 ppm C TLV		A3, eye, urt irr, 13-16X cancer risk per oehha, cREL, IUR 100-500m	
4	UNC	arsine	7784421		1 po		2007			0.05 ppm TWA		0.005 ppm TLV		kidney; peripheral nervous system, vascular system, electronic u	
5	O	benzyl chloride	100447		1 sr		1990		oehha	1 ppm TWA				32X cancer risk oehha, epkra 2 ca loc, IUR 10-50 m lbs, A3, irr, photo	
6	O	butyl benzyl phthalate			1 sr				oehha	new				oehha rpt, cosmetic use	
7	UNC +O	carbon disulfide	75150		1 4/08, po		2006		oehha	4 ppm TWA 30 S		1 ppm TLV	Skin	prop 65 repro, peripheral nervous system impair, epkra 5 ca loc, c	
8	O	carbon tetrachloride	56235		1 hs		1990		oehha	2 ppm, 10 stel, 2 S		5 ppm, 10 stel	skin	A2, liver, 25-69X cancer risk per oehha, cREL, aREL iur 100-500m	
9	O	di(2-ethylhexyl)phthalate (DEHP)	117817		1 sr		1998		oehha	5 mg/M3 TWA, 10 stel		5 mg/M3 TLV		A2, LRT, irr, iur 100-500m, Prop 65 repro, 0.4X cancer risk per oehha	
10	O	dibutyl phthalate	84742		1 sr		1990		oehha	5 mg/M3 TWA		5 mg/M3 TLV		testicular damage, eye, URT irr, Prop 65 repro, epkra 2 CA locs iur 10-	
11	UNC	dichloroacetic acid	79436		1 4/08 / 0.1 ppm		2005		oehha	NEW		0.5 ppm TWA	Skin	testicular damage, Med use, IUR 10-500 K lbs	
12	O	dichlorobenzene, p-	106467		1		1990		oehha	10 ppm TWA, 110 stel, 200 C		10 ppm TLV		A3, eye, kidney, CUPA usa data, 86X cancer risk per oehha, cREL iur	
13	UNC	dodecyl mercaptan	112550		1		2004			NEW		0.1 ppm TWA		SEN, urt, feedstock, IUR 10-50 million lbs, cupa data	
14	O	ethyl benzene	100414		1 jq		1998		oehha	100 ppm TWA, 125 stel		100 ppm TLV, 125 stel		A3, BEI, urt, cns, eye irr, iur > 1b, epkra 98 ca loc, cREL	
15	O	ethylene dichloride	107062		1 po		1977		oehha	1 ppm TWA	s	10 ppm TLV		A4, liver, nausea, 11-14x cancer risk oehha, epkra 14 us loc, cupa dat	
16	UNC	hydrogen chloride	7647010		1 11/07, ju		2003			5 ppm Ceiling		5 ppm Ceiling to 3 ppm Ceiling		urt irr, cREL, aREL	
17	UNC	hydrogen fluoride	7664393		1 11/07, mc		2005			3 ppm TWA 6 ppm STEL		3 ppm Ceiling to 2 ppm + new T		upper and lower respiratory tract irritation, aREL	
18	UNC	Methyl-2-pyrrolidone, n-	872504		1 11/07, jq			1998	dph, oehha	new		10 ppm	Skin	HESIS alert, epkra 34 ca loc, iur 100-500m	
19	UNC	Monochloroacetic acid	79118		1 lm		2006	2004		NEW		0.5 ppm TWA in	Skin	urt, various uses, high epa use, IUR 100-500 mil lbs, canning use, derf	
20	O	naphthalene	91203		1 9/08, ms		1992		oehha	10 ppm TWA, 15 stel		10 ppm TLV, 15 si	skin	A4, hemalologic, urt, eye, iur 100-500m, epkra 74 ca loc, 220X cancer	
21	UNC	natural rubber latex, as total pro	9006046		1		2004			NEW		0.0001 mg/M3 TWA Inhlabl		SEN skin sensitization, wide use, sampling limitation	
22	UNC	sulfuric acid	7664939		1 4/08, bk		2004			1 mg/M3 TWA 3 STEL		1 mg/M3 TWA to 0.2 mg/M3 +		pulmonary function A2 carc when contained in strong acid mist, cREL,	
23	UNC	tetrabromoethane, 1,1,2,2-	79276		1		2006			NEW		0.1 ppm TWA inhal & vapor		pulmonary edema liver damage eye & upper respiratory tract irri	
24	O	tetrachloroethylene (perchloroet	127184		1 hs		1990		oehha	25 ppm TWA, 100 stel, 300 C		25 ppm TLV, 100 stel		A3, BEI, cns, iur 100-500m, epkra 27 ca loc, 130x cancer risk per oeh	
25	UNC +O	toluene	108883		1 4/08, jq		2007		oehha	50 ppm TWA/500t S		50 ppm TWA to 20 ppm TWA		prop 65 repro, visual impair, female repro, pregnancy loss, cREL,	
26	UNC +O	trichloroethylene	79016		1 4/08, wf		2007		oehha	25 ppm TWA/300C/100 STEL		50ppmTWA/100 ppm STEL to 1(A2, CNS, renal tox, cognitive impair, 35x cancer risk oehha, epkra,	
27	unc	western red cedar			1 pq		2005			2.5 mg/M3 TWA		NEW TLV 0.05 mg/M3 TWA inh:		SEN asthma, no use data	
28	UNC +O	acrylamide	79061		2		2005		oehha	0.03 mg/M3 TWA S		retain TWA 0.03	Skin	cns, 5x cancer risk per oehha, IUR 100-500m epkra 2 ca loc	
29	was P1	alachlor	15972608		2		2007			NEW		1 mg/M3 TWA Inh & vapor		Pest SEN, hemosiderosis,	
30	O	antimony oxide			2		1979		oehha	0.5 mg/M3 as Sb compound		0.5 mg/M3 as Sb compound		antimony trioxide production TLV to lowest level, lung cancer, iur 1-10r	
31	was P1	Benzaldehyde	100527		2			1998		NEW		2 ppm		DSEN, limited tox data, flavor use	
32	unc	butyl glycidyl ether, n-	2426086		2		2005			25 ppm TWA		25 ppm to 3 ppm	Skin	testicular atrophy, SEN	
33	unc	Butyraldehyde	123728		2			2004		NEW		25 ppm		DSEN chem intermediate, IUR > 1billion lbs	
34	O	carbon black	1333864		2		1985		oehha	3.5 mg/M3 TWA		3.5 mg/M3 TLV		A4	
35	O	carbon monoxide	630080		2		1989		oehha	25 ppm TLV, 200 C		25 ppm TLV		BEI, COHb-emia, aREL	
36	O	chlorinated paraffins	108171262		2				oehha					cancer, unit risk value, sampling limitation, iur 50-100m	
37	O	chloroform	67663		2		1990		oehha	2 ppm TWA		10 ppm TLV		A3, liver, embro/fetal, CNS, iur .5-1b, 7-29X cancer risk per oehha, cRE	
38	O	chloroprene	126998		2		1990		oehha	1 ppm TWA	s	10 ppm TLV	skin	urt, eye irr, iur 100-500m epkra 13 us loc	
39	was P1	cobalt and certain cobalt compo	7440484		2 mk		1993		oehha	.02 mg/M3 TWA		.02 mg/M3 TLV		A3, BEI, asthma, pum func, heart, limited cancer data	
40	UNC	cyclohexane	110827		2		2002			300 ppm TWA		300 ppm TWA to 100 ppm		cns, IUR > 1 billion lbs, ARB low CA use, cupa data	
41	O	dichloroethane, 1,1	75343		2				oehha	100 ppm				urt, liver, kidney, A4, 84x cancer risk, solvent, iur 10-500k	
42	was P1	dichlorvos	62737		2		2002			1 mg/M3 TWA	S	0.1 mg/M3 inh+va	Skin	Pest, SEN, high ca use, 1 to .1 tl	
43	O	diesel engine exhaust			2				oehha, NIOSH					cancer, MSHA exp limit, ARB substance of study, cREL, sampling	
44	was P1	dioxolane, 1,3	646060		2		2002			NEW		20 ppm TWA		hematologic, limited tox data, epkra 1 ca loc, solvent, feedstock, I	
45	O	ethyl acrylate	140885		2		1986		oehha	5 ppm twa, 25 stel		5 ppm TLV, 15 stel		A4, urt, GI irr, CNS, eye irr, skin sen, epkra 3 ca lociur 100-500m	
46	was P1	gallium arsenide	1303000		2 5214 ac		2005			see 5214		0.0003 mg/M3 TWA respirable		Irt irr, semicon use, 5214 comp std	
47	WAS P1	hexahydrophthalic anhydride	13149003		2		2004			NEW		0.0005 mg/M3 Ceiling inh+vap		SEN, rsen, epoxy curing agent, no ca use data, IUR 1-10 mil lbs	
48	was P1	Indium phosphide	22398807		2			2002 form 9,		0.1 mg/m3		0.03 mg/m3	POSSIBLE ANIMA	NTP testing concluded "clear evidence" for carcinogenicity, no ris	
49	was P1	Isocyanates (TRIG &/or ind subs)*			2, refer to sub spec AC			2002 form 9,		NEW		0.017 mg/m3 TWA, 0.07 mg/m3		SEN respiratory sensitization	

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50	was P3	isopropanol TLV now 2-propanol	67630	2			2003			400 ppm TWA 500 STEL		400 TWA / 500STEL to 200/400		IUR > 1 billion lbs, cREL, aREL
51	was P3	kerosene jet fuel, total HC vapor	8008206	2			2003			NEW		200 mg/M3 NOT	Skin	IUR > 1 billion lbs, sampling limitations
52	was P1	methyl chloride	74873	2			1992		oehha	5 ppm TWA, 100 stel, 300 C		50 ppm TLV, 100	Skin	A4, cns, liver, kidney, testicular, teratogen, epcra 1 ca loc, cREL, no ris
53	O	nitrotriactic acid		2					oehha					epcra 1 ca loc, cupa data
54	O	nitromethane	75525	2			1997		oehha	2 ppm TWA		20 ppm TLV		A2, thyroid, urt, lung dam, CUPA use data
55	was P1	nitro-o-toluidine, 5-	99558	2			2007			NEW		1 mg/M3 TWA Inhalable		liver damage, dye manf, IUR 100-500 K lbs, low tox
56	was P1	perfluorobutyl ethylene	19430934	2			2004			NEW		100 ppm TWA		hematologic effects, teflon ingred, IUR 100-500 K lbs, low tox
57	UNC	propanol, n-	71238	2			2007					200 ppm TWA 2:S		200 ppm TWA to 100 ppm TWA
58	O	pyridine	110861	2			2004		oehha	5 ppm TWA		5 ppm TWA to 1 ppm		skin irritation, no riks value liver & kidney damage, iur 10-50m
59	UNC	silica (crystalline quartz & cristobalite) *		2	ref sub sp ac		2006		oehha	0.3 mg/M3 Total	0.1 resp	0.05 mg/M3 Resp dust to 0.025		A2 carc pulmonary fibrosis lung cancer
60	UNC	styrene *		2	ref sub sp ac		2001			50 ppm TWA/500(S		20 ppm TWA	S	CNS, urt, peripheral neuropathy, IUR > 1 bil lbs, cREL, aREL
61	was P1	tert-amyl methyl ether	994058	2			2002			NEW		20 ppm TWA		cns, embryo/fetal damage, gas additive, IUR > 1 bil lbs, limited tox
62	O	thiourea	62566	2					oehha					epcra 19 us loc, cupa data, iur .5-1m
63	UNC	turpentine & selected monoterpenes	8006642	2			2003			100 ppm TWA		100 ppm TWA to 20 ppm		SEN, urt, CNS, skin irr, IUR 100-500 m lbs
64	UNC	wood dusts (other than western red cedar)		2			2005			5 mg/M3 TWA		All now 1 mg/M3 not just certain		pulm func, oak & beech A1 carc, some others A2, wide use
65	was P2 +O	acetamide	60355	3					oehha					limited exp iur10-500k
66	UNC	acetonitrile	75058	3			2002			40 ppm TWA/60	S	40 ppm TWA to	Skin	
67	UNC	ALIPHATIC HYDROCARBON GAS (C1-C4)		3			2004			NEW		1000 ppm TWA		
68	was P2	allyl propyl disulfide	2179591	3			2004			2 ppm TWA / 3 STEL		2 ppm TWA to 0.5 ppm		SEN urt, eye irr, no use data
69	was P2	Allylthiocyanate	57067	3				19??					Skin	DSEN, no use data, limited tox data
70	was P2	Benzoyl chloride	98884	3			1992	1987		0.2 ppm Ceiling				DSEN, epcra 2 ca loc, IUR 10-50 m lbs, aREL
71	UNC	borate compounds (various)		3			2005			5 mg/M3 TWA		all now 2 mg/M3 inh, 6 mg/m3 inh (stel)		
72	UNC	butanol, n-	71363	3			2002			50 Ceiling	S	50 Ceiling to 20 TWA		
73	was P2	butoxyethyl acetate, 2-	111072	3			2003			NEW		20 ppm TWA		hemolysis (not found by ACAC for 2-BTE) OSHA FR no longer use
74	was P2	Butylcatechol, 4-tert-	98293	3				2001		NEW		2 mg/m3	Skin	DSEN, no use data
75	was P2	chloropropanol (1,2 and 2,1)	7004, 78897	3			2002			NEW		1 ppm TWA	Skin	liver damage, chem intermed, no IUR report
76	UNC	coumaphos	56724	3			2006			NEW-Pest		0.05 mg/M3 TWA	Skin	Pest
77	was P2	cyclohexanone	108941	3			2003			25 ppm TWA	S	25 ppm to 20 pp	Skin	eye irr, urt, cupa data, IUR > 1 billion lbs, ARB low CA use, low tox
78	UNC	demeton-S-methyl	9198638	3			2002			NEW-Pest		0.05 mg/M3 TWA	Skin	Pest SEN
79	O	Dichloroethyl ether; bis(2-chloroethyl) ether	111444	3			1985		oehha	5ppm, 10 stel		5ppm, 10stel		urt, eye irr, A4, 730-940x cancer risk, iru 10-50m, solvent, no CA use data
80	unc	diesel fuel	68334305	3			2002			NEW		100 mg/M3 TWA	Skin	IUR > 1 billion lbs, dermatiis as basis of TLV, sampling limitations, low
81	was P1	diglycidyl ether [DGE]	2238075	3			2007			0.1 ppm TWA		0.1 ppm TWA	to 0.01 ppm TW	male reproductive system damage, chem intermed, no IUR report
82	O	diglycidyl resorcinol ether	101906	3					oehha	new				cancer unit risk value, epoxy resin, coating, high exp potential, no oel,
83	was P1	dimethyl carbamoyl chloride	79447	3			2007			NEW		LOW AS POSSI	Skin	A2 carc nasal cancer, chem intermed, no IUR report
84	was P1	dimethyl disulfide	624920	3			2007			NEW		0.5 ppm TWA	Skin	cns, pulp manf byproduct, sewer gas, IIUR 1-10 mil lbs, no ca use
85	was P1	dimethyl sulfide	75183	3			2004			NEW		10 ppm TWA	Skin	urt, pulp manf byproduct, sewer gas, IIUR 10-50 mil lbs, no ca use data
86	was P2	dinitro-o-toluamide, 3,5	148016	3			2007			5 mg/M3 TWA		1 mg/M3 TWA		liver, no IUR report, feed additive poultry
87	was P1	ethyl amyl ketone [PEL lists ethyl s	541855	3			2007			25 ppm TWA		25 ppm TWA	to 10 ppm TWA	neurotoxicity, no IUR report
88	O	Ethyl chloride; chloroethane	75003	3			1992		oehha	100 ppm		100 ppm		liver, A3, 45x cancer risk, no use data, chem intermediate, solvent, iur
89	was P1	ethylene	74851	3			2005			NEW		Simple asphyxiant to 200 ppm T		asphyxia, fruit ripening, feedstock, IUR > 1 billion lbs, low tox
90	was P1	ethylhexanoic acid, 2-	149575	3			2002			NEW		5 mg/M3 TWA		teratogenic effects, no use data, chem intermediate, limited exp
91	was P2	Glycidyl methacrylate	106912	3				2000				0.5 ppm	Skin	DSEN, IUR 1-10 mil lbs, limited tox, limited exp
92	was P2	hexachloroethane	67721	3			1990		oehha	1 ppm TWA	s	1ppm TLV	skin	A3, liver, kidney, 5-14x cancer risk oehha, low production vol, epcra 1 ca
93	was P1	hexafluoropropylene	116154	3			2007			NEW		0.1 ppm TWA		SEN, kidney, polymer manf, feedstock, IUR 10-50 mil lbs, closed s
94	was P2	Hexanediol diacrylate, 1,6-	13048334	3				1998				1 mg/m3		DSEN, IUR 10-50 mil lbs, no ca use data, no airborne tox
95	was P2	hydrogen bromide	10035106	3			2004			3 ppm Ceiling		3 ppm Ceiling to 2 ppm Ceiling		urt, no use data low tox
96	was P1	isobutyl nitrite	542563	3			2003			NEW		1 ppm Ceiling inh+vap		vasodilation; methemoglobinemia, various appl, no IUR report, no
97	UNC	isopropyl acetate	108214	3			2003			250 ppm TWA 310 STEL		250/310 STEL to 100/200 STEL		solvent, eye resp irritant, IUR 50-100 mil lbs, low tox
98	was P2	Mancozeb	801807	3				1992		NEW		1 mg/m3		DSEN, no use data
99	was P2	Mercaptobenzothiazole, 2-	149304	3				1997		NEW		5 mg/m3	Skin	DSEN, no use data
100	was P2	Mercaptoethanol, 2-	60242	3				2002		NEW		0.2 ppm	Skin	fed reg low use, IUR 10-50 m lbs, no ca use data
101	was P2	methoxyethanol acetate, 2-	110496	3			2006			5 ppm TWA		5 ppm TWA	Skin	hematologic & repro effects OSHA FR no longer used, cupa data
102	was P2	methoxyethanol, 2-	109864	3			2006			5 ppm TWA		5 ppm TWA	Skin	hematologic & repro effects OSHA FR no longer used, cupa data

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103	WAS P2	Methyl ethyl ketoxime	96297	3				1990		NEW		10 ppm		DSEN, no use data
104	was P1	methyl naphthalene,1- & 2-	0120, 91576	3			2007			NEW		0.5 ppm TWA	Skin	liver, Irt, dye & resind manf ingred, IUR 10-500 K lbs, no ca use da
105	was P2	methyl propyl ketone	107879	3			2007			200 ppm TWA	250 STEL	200 ppm TWA/250 STEL to just		pulmonary function, eye irr, cupa data
106	UNC	naled	300765	3			2002			3 mg/M3 TWA	S	3 mg/M3 TWA to	Skin	Pest SEN
107	was P2	Pentaerythritol triacrylate	3524683	3				1999				1 mg/m3		DSEN, no use data, no airborne tox
108	O	phenylhydrazine (and salts)	100630	3					oeaha	5 ppm Skin				500 x cancer risk, iur 1-10m
109	was P2	phenyl mercaptan	108985	3			2004			0.5 ppm TWA		0.5 ppm TWA to I	Skin	central nervous system impairment, low tox eye & skin irritation
110	WAS P1	Propionaldehyde	123386	3			2002	2002		NEW		20 ppm TWA	S	upper respiratory tract irritation, chem intermed, IUR 100-500 mil lbs, o
111	was P2	propylene	115071	3			2006			simple asphyxiant		Simple asphyxiant to 500 ppm T		asphyxia upper respiratory tract irritation, cREL
112	WAS P2	propylene dichloride (1,2 dichloropr	78875	3			2006		oeaha	75 ppm TWA	110 STEL	75 ppm TWA	110 ppm STEL to	SEN upper respiratory tract irritation body weight effects, polymer ma
113	WAS P1	silicon carbide FIBROUS (including	409212	3			2003			PEL is PNOC		0.1 f/cc		A2 carc mesothelioma other cancer, no use data
114	WAS P2	silicon carbide (NONFIBROUS)	409212	3			2003			total particulate 10 mg/M3		10mg to 10mg inh + 3mg resp +0.1f/cc		
115	UNC	terbufos	1307799	3			2002			NEW-Pest		0.01 mg/M3 TWA	Skin	Pest
116	O	tetrachloroethane, 1,1,2,2	79345	3					oeaha	1 ppm TWA				53 x cancer risk, iur 1-10m
117	was P2	Tetraethylene pentamine	112572	3				2004		NEW		5 mg/m3	Skin	DSEN, IUR 10-50 m lbs, no airborne tox, no exp info
118	was P2	Tetraethyleneglycol diacrylate	17831719	3				1981		NEW		1 mg/m3	Skin	DSEN, IUR 10-500 k lbs, no airborne tox, no exp info
119	UNC	tetrahydrofuran	109999	3				2005		200 ppm TWA		200 ppm TWA to	Skin	
120	UNC	tetrakis (hydroxymethyl)												
120	UNC	phosphonium chloride	124641	3			2005			NEW		2 mg/M3 TWA		A4, skin irr
121	UNC	tetrakis(hydroxymethyl)phosponiu	55566308	3			2005			NEW		2 mg/M3 TWA		SEN, A4, skin irr
122	O	toluidine, o-	95534	3					oeaha	2 ppm Skin				60 x cancer risk, iur 10-50m
123	O	trichloroethane, 1,1,2	79005	3					oeaha	10 ppm Skin				94 x cancer risk, iur 100-500m
124	WAS P1	vinyl-2-pyrrolidone, n-	88120	3			2003			NEW		0.05 ppm TWA		liver damage, polymer manf, IUR 10-50 M lbs, chem intermed, limi
125	UNC	Acetone Cyanohydrin	75865	4				1992				2 ppm	Skin	
126	UNC	Acetophenone	98862	4			2007			10 ppm TWA	60 STEL	10 ppm TWA		
127	UNC	Aldicarb	116063	4				1993				0.07 mg/m3	Skin	
128	WAS P2	Aldrin	309002	4				2007		0.25 mg/M3 TWA	S	0.25 mg/M3TWA	Skin	CNS impairment liver & kidney damage, nonregistered pest
129	UNC	aminobenzoic acid, para-	150130	4				2001				5 mg/m3		
130	UNC	aminotri (methylene phosphonic	6419198	4				2004				10 mg/m3		
131	UNC	Amyl alcohol, n-	71410	4				2001				100 ppm		
132	UNC	Benzophenone	119619	4				2003				0.5 mg/m3		
133	UNC	Benzyl alcohol	100516	4				1994				10 ppm		
134	UNC	bis-(2-Chloroisopropyl) ether	39628329	4				1997				3 ppm		
135	UNC	calcium sulfate	7778189	4				2006		total dust 10 mg/M3		10 mg/M3	just adding Inhalable	
136	UNC	Chloramphenicol	56757	4				1996				0.5 mg.m3		
137	UNC	Chloro-1,1,1,2-tetrafluoroethane, 2-	2837890	4				2005				1000 ppm		
138	UNC	Chloro-1,1,1,2-trifluoroethylene, 2-	79389	4				1998				5 ppm		
139	UNC	Chloro-1,1-difluoroethane, 1-	75683	4				1994				1000 ppm		
140	UNC	Chloropropane, 2-	75296	4				2004				50 ppm		
141	UNC	Chlorosulfonic acid	7790945	4				2002						
142	UNC	chlorpyrifos	2921882	4				2003		0.2 mg/M3 TWA	S	0.2 mg/M3 TWA t	Skin	Pest
143	UNC	Cumene hydroperoxide	80159	4				1991				1 ppm	Skin	
144	UNC	Decabromodiphenyl oxide	1163195	4				1996				5 mg/m3		
145	UNC	Decene, 1-	872059	4				2000				100 ppm		
146	UNC	Dehydrolinalool	29171208	4				2007				2 ppm		
147	UNC	demeton	8065483	4				2002		0.01 mg/M3 TWA	S	0.1 mg/M3 TWA t	Skin	Pest
148	UNC	Diallylamine	124027	4				1994				1 ppm	Skin	
149	UNC	Dibutylamine	111922	4				2003					Skin	
150	UNC	Dichloro-1-fluoroethane, 1,1-	1717006	4				1991				500 ppm		
151	UNC	Dichlorophenol, 2,4-	120832	4				2004				1 ppm	Skin	
152	UNC	dicrotophos	141662	4				2002		0.25 mg/M3 TWA	S	0.25 mg/M3 TWA	Skin	Pest
153	UNC	Diethylbenzenes,mixed isomers	25340174	4				2005				5 ppm		
154	UNC	Diethylene glycol	111466	4				1999				10 mg/m3		
155	UNC	Diethylene glycol monoethyl ether	111900	4				1991				25 ppm		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
156	UNC	Difluoroethane, 1,1-	75376	4				2005				1000 ppm		
157	UNC	Difluoromethane	111900	4				1997				1000 ppm		
158	UNC	Diisobutylene, mixed isomers	25167708	4				2000				75 ppm		
159	UNC	Dimethyl ether	115106	4				1996				1000 ppm		
160	UNC	Dimethyldichlorosilane	75785	4				2001				2 ppm (ceiling)		
161	UNC	Dimethylsulfoxide	67685	4				2003				250 ppm		
162	UNC	Dimethylterephthalate	120616	4				2000				5 mg/m3 (total)		
163	UNC	dinitolmide	148016	4			2007			5 mg/M3 TWA		WITHDRAWN SEE NEW 3,5-dinitro-o- toluamide		
164	UNC	dioxathion	78342	4			2002			0.2 mg/M3 TWA	S	0.2 mg/M3 TWA t Skin		Pest
165	UNC	disulfoton	298044	4			2002			0.1 mg/M3 TWA	S	0.1 mg/M3 TWA t Skin		Pest
166	UNC	Dowtherm Q		4				2002				1 ppm		
167	UNC	Epoxybutane, 1,2-	106887	4				2003				2 ppm		
168	UNC	Erythromycin	114078	4				2007				3 mg/m3		
169	UNC	ethion	563122	4			2003			0.4 mg/M3 TWA	S	0.4 mg/M3 TWA t Skin		Pest
170	UNC	fenamiphos	22224926	4			2006			0.1 mg/M3 TWA	S	0.1 mg/M3 TWA t Skin		Pest
171	UNC	fensulfothion	115902	4			2005			0.1 mg/M3 TWA		0.1 mg/M3 to 0.01 Skin		Pest
172	UNC	fenthion	55389	4			2006			0.2 mg/M3 TWA	S	0.2 mg/M3 TWA t Skin		Pest
173	UNC	fonofos	944229	4			2006			0.1 mg/M3 TWA	S	0.1 mg/M3 TWA j Skin		Pest
174	UNC	Furan	110009	4				1993				See note A:		
175	UNC	Hexadiene, 1,4-	592450	4				1996				10 ppm		
176	UNC	Hexafluoropropane, 1,1,1,3,3,3-	690391	4				1998				1000 ppm		
177	UNC	Hexanediamine, 1,6-	124094	4				2004		0.5 ppm TWA		1 ppm		
178	UNC	HFE-7100		4				1999				750 ppm		
179	UNC	iron oxide	1309371	4			2006			5 mg/M3 TWA		5 mg/M3 TWA just deleting reference to dust & fume, as FE		
180	UNC	Isobutyraldehyde	78842	4			2002					25 ppm		
181	UNC	Isocyanuric acid	108805	4			2005					10 mg/m3 (total);		
182	UNC	Isophthalic acid	121915	4			1991					5 mg/m3 (resp),		
183	UNC	Isoprene	78795	4			2004					2 ppm		
184	UNC	Limonene, d-	138863	4			1993					30 ppm		
185	UNC	Lithium hydroxide	1310652	4			1999					1 mg/m3 (ceiling)		
186	UNC	Lithium oxide	12057248	4			1999					1 mg/m3 (ceiling)		
187	UNC	magnesite	546930	4			2006			NO PEL just total dust		10 mg/M3 WITHDRAW		
188	UNC	malathion	121755	4			2003			10 mg/M3 TWA	S	10 mg/M3 to 1 m Skin		Pest
189	UNC	Melamine	108781	4			1999					10 mg/m3 (total);		
190	UNC	Methoxypropylamine, 3-	5332730	4			1996					5 ppm, 15 ppm (15 min etal)		
191	UNC	methyl demeton	8022002	4			2007			0.5 mg/M3 TWA	S	0.5 mg/M3 to 0. Skin		Pest
192	UNC	Methyltrichlorosilane	75796	4			2001					1 ppm (ceiling)		
193	UNC	mevinphos	7786347	4			2003			0.1 mg/M3 TWA	S	0.09 mg/M3 to 0. Skin		Pest
194	UNC	monocrotophos	69224	4			2002			0.25 mg/M3 TWA		0.25 mg/M3 TWA Skin		Pest
195	UNC	Octanol, 1-	111875	4			2005					50 ppm		
196	UNC	Octene, 1-	111660	4			2000					75 ppm		
197	UNC	parathion	56382	4			2003			0.1 mg/M3 TWA	S	0.1 mg/M3 TWA t Skin		Pest
198	UNC	Pentafluoroethane, 1,1,1,2,2-	354336	4			1996					1000 ppm		
199	UNC		460731	4			2001					300 ppm		
200	UNC	perlite	93763703	4			2006			10 mg/M3 TWA	5 respirable	10 mg/M3 TWA WITHDRAWN		
201	UNC	phorate	298022	4			2005			0.05 mg/M3 TWA	0.2 STEL	0.05 mg/M3 TWA Skin		Pest
202	UNC	Phosphono-1,2,4-	37971	4			2006					10 mg/m3		
203	UNC	Picolines		4			1988					2 ppm, 5 ppm (15 min etal)		Skin
204	UNC	Piperidine	110894	4			1996					1 ppm		Skin
205	UNC	Polyethylene glycols	25322683	4			1997					10 mg/m3		
206	UNC	Polypropylene glycols	25322694	4			1997					10 mg/m3		
207	UNC	Potassium bromate	7758012	4			2004					0.1 mg/m3		
208	UNC	Propargyl bromide	106967	4			1997					0.1 ppm		Skin

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24	a, cREL, aREL					
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80	relative to					
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82	IUR 10-500k, no use data					
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84	data, low relative to					
85	low relative tox, low odor level, limited exp					
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88	0-100m					
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92	data loc, iur 10-500k					
93	system used, limited exp					
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96	data use data, low tox, chem synthesis, angina drug not occ ex					
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