Table 1: Chemicals of Concern and Associated Chemical Information. PACs Rev. 28A, February 2016

Table 1 is an alphabetical list of the chemical substances, their Chemical Abstracts Service Registry Numbers (CASRNs)[1], and pertinent physical constants. Future reviews will result in continuous updates to these data. There are also columns that provide the date of the original derivation of the PAC values, the date of the last technical review of the data used for deriving the PAC values, and the date of the last revision of the data used to derive the PAC values.

The information presented in this table is derived from various sources including:

- **The Handbook of Chemistry and Physics**
  Lide, D. R. (Ed.) (2009). *CRC Handbook of Chemistry and Physics,* CD Rom (90th Edition-2010 Version). Boca Raton, FL: Taylor and Francis.

- **Hazardous Substances Data Bank (HSDB)**
  The HSDB is "comprehensive, peer-reviewed toxicology data for about 5,000 chemicals" and it is accessible online at http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB.

- **The Merck Index**
  O'Neil, M. J. (Ed.) (2006). *Encyclopedia of Chemicals, Drugs, and Biologicals* (14th edition). Merck Research Laboratories. Whitehouse Station, NJ.

- **SAX**
  Lewis, R. J., Sr. (2012). *Sax's Dangerous Properties of Industrial Materials* (12th Edition). New York: John Wiley & Sons.

Sometimes data on physicochemical properties vary among sources. As the physical constants presented in this table are obtained from published sources, users are advised to consult trusted references to verify the accuracy of the information.

Information on PAC values and Temporary Emergency Exposure Limits (TEELs) and links to other sources of information are provided on the Subcommittee on Consequence Assessment and Protective Actions (SCAPA) webpage at http://orise.orau.gov/emi/scapa/default.htm provided in Table 1 is described below; it covers two pages.

	Heading	Definition
First Page in Table	No.	The ordered numbering of the chemicals as they appear in this alphabetical listing
	Chemical Compound	The name of the chemical substance submitted to the PAC development team
	CAS Number (CASRN)	The Chemical Abstracts Service Registry Number for this chemical
	Molecular Weight (MW)	The molecular weight of this chemical
	Units of Original Limits	This provides the units of measure (e.g., ppm, mg/m^3) that

[1] Information on the Chemical Abstracts Service and CASRNs is provided at https://www.cas.org/cas-home.

	Heading	Definition
		were initially used to request PAC values.
	ppm to mg/m^3	Conversion factor used to convert “parts per million” to “mg/m^3”
	Molecular Formula (MF)	The composition of elements for this chemical
	State at 25ºC	Physical state of the chemical (S=solid, L=liquid, G=gas) at 25ºC
	MP or FP (ºC)	The melting point/freezing point of the chemical in ºC
Second Page in Table	No.	The ordered numbering of the chemicals as they appear in this alphabetical listing
	Chemical Compound	The name of the chemical substance submitted to the PAC development team
	CAS Number (CASRN)	The Chemical Abstracts Service Registry Number for this chemical
	BP (ºC) @ 760 mm Hg unless indicated	The boiling point of the chemical in ºC at 760 mm Hg unless otherwise stated
	Vapor Pressure – mm Hg	The pressure (often expressed in millimeters of mercury, mm Hg) characteristic at any given temperature of a vapor in equilibrium with its liquid or solid form
	Vapor Pressure – T (ºC)	The temperature at which the vapor pressure was measured (25ºC assumed if not stated)
	SG @ 25ºC unless indicated	Specific Gravity (i.e., density of a substance divided by the density of water) of the chemical
	LEL (ppm)	The lower explosive limit
	PAC-TEEL Derivation/ Review/Revision Dates – Originally Derived	The date or nearest approximate date on which the PAC values were derived
	PAC-TEEL Derivation/ Review/Revision Dates – Last Reviewed	The date on which data or other information was reviewed
	PAC-TEEL Derivation/ Review/Revision Dates – Last Revised	The date on which after a review of the input data, changes were made to the data and/or PAC values (e.g., publication of new AEGL values)

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1	Abrin	1393-62-0		mg/m^3		Unspecified	S	
2	Acenaphthene	83-32-9	154.22	mg/m^3	6.30	C12H10	S	95
3	Acenaphthylene	208-96-8	152.19	mg/m^3	6.22	C12H8	S	91.8
4	**Acetaldehyde**	**75-07-0**	44.05	ppm	1.80	C2H4O	L / G	-123.37
5	Acetamide	60-35-5	59.067	mg/m^3	2.41	C2H5NO	S crystals	80.16
6	Acetanilide	103-84-4	135.18	mg/m^3	5.52	C8H9NO	S	113.5
7	**Acetic acid**	**64-19-7**	60.05	ppm	2.45	C2H4O2	L	16.64
8	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy) butane and ethenol	27360-07-2		mg/m^3		(C8.H14.O2.C4.H6.O2.C2H4.O)x	S	
9	Acetic acid, 2-propenyl ester	591-87-7	100.13	ppm	4.09	C5.H8.O2		
10	Acetic acid, lithium salt	546-89-4	67	mg/m^3	2.74	C2.H3.O2.Li	S	280-285
11	Acetic acid, manganese(2+) salt, tetrahydrate	6156-78-1	245.12	mg/m^3	10.02	C4.H6.O4-Mn-4(H2.O)	S	
12	Acetic acid, manganese(II) salt (2:1)	638-38-0	173.04	mg/m^3	7.07	C4.H6.O4.Mn	S	210
13	**Acetic anhydride**	**108-24-7**	102.1	ppm	4.17	C4H6O3	L	-73.1
14	**Acetone**	**67-64-1**	58.08	ppm	2.37	C3H6O	L	-94.7
15	Acetone thiosemicarbazide	1752-30-3	131.22	mg/m^3	5.36	C4.H9.N3.S	S	
16	Acetone-d6	666-52-4	64.1164	ppm	2.62	C3.D6.O	L	-93
17	**Acetonitrile**	**75-05-8**	41.05	ppm	1.68	C2H3N	L	-43.82
18	Acetonitrile-d3	2206-26-0	44.0707	ppm	1.80	C2.D3.N	L	
19	Acetophenone	98-86-2	120.149	mg/m^3	4.91	C8H8O	L or S @ low temp	20.5
20	Acetoxytriphenylstannane	900-95-8	409.07	mg/m^3	16.72	C20.H18.O2.Sn	S	122
21	Acetyl bromide	506-96-7	122.948	ppm	5.03	C2H3BrO	L	-96.5
22	Acetyl carbinol; (Acetol (1); 1-Hydroxy-2-propanone)	116-09-6	74.09	mg/m^3	3.03	C3.H6.O2	L	-7

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1	Abrin	1393-62-0						11/21/14		
2	Acenaphthene	83-32-9	277.5	10	131.2	1.024		01/04/99	11/11/13	01/19/12
3	Acenaphthylene	208-96-8	280	7.5x10-3	24	0.8987 @ 16°C		09/30/97	12/23/11	12/31/11
4	**Acetaldehyde**	**75-07-0**	20.1	750	20	0.7834 @ 18°C	40000	12/30/95	04/09/14	11/30/06
5	Acetamide	60-35-5	222	4.0 x 10-2	25	1.159 @ -20°C		09/30/97	03/06/15	10/01/13
6	Acetanilide	103-84-4	305	1	114	1.2105 @ 4°C		10/11/05	06/10/13	06/10/13
7	**Acetic acid**	**64-19-7**	117.9	7.5	14.2	1.0446	40000	11/15/96	03/08/12	01/16/08
8	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy) butane and ethenol	27360-07-2				1.083		10/11/05	02/01/08	12/31/11
9	Acetic acid, 2-propenyl ester	591-87-7						12/08/02	03/06/15	12/31/11
10	Acetic acid, lithium salt	546-89-4				1.25		10/11/05	10/15/06	12/31/11
11	Acetic acid, manganese(2+) salt, tetrahydrate	6156-78-1				1.59		10/11/05	05/16/14	12/31/11
12	Acetic acid, manganese(II) salt (2:1)	638-38-0				1.74		10/11/05	06/23/14	06/23/14
13	**Acetic anhydride**	**108-24-7**	139.55	10	36	1.082 @ 20°C	27000	08/07/98	12/05/11	11/14/07
14	**Acetone**	**67-64-1**	56.05	75	1.3	0.7845	26000	11/30/92	05/26/15	10/11/05
15	Acetone thiosemicarbazide	1752-30-3						12/08/02	09/17/12	09/17/12
16	Acetone-d6	666-52-4	55.5			0.872	26000	07/11/07	02/16/10	
17	**Acetonitrile**	**75-05-8**	81.65	75	21.4	0.7857 @ 15°C	30000	10/31/92	02/09/15	02/09/15
18	Acetonitrile-d3	2206-26-0	80.7			0.844	30000	10/31/92	02/09/15	02/09/15
19	Acetophenone	98-86-2	202	0.75	36	1.033 @ 15°C	11000	12/30/95	05/23/12	05/23/12
20	Acetoxytriphenylstannane	900-95-8		1.9 uPa	20	1.55 @ 20°C		12/08/02	07/04/14	07/04/14
21	Acetyl bromide	506-96-7	76.7	122	25	1.52 @ 9.5°C		06/13/02	12/05/11	12/31/11
22	Acetyl carbinol; (Acetol (1); 1-Hydroxy-2-propanone)	116-09-6	145-146			1.082		10/31/92	07/10/13	12/31/11

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
23	Acetyl chloride	75-36-5	78.5	ppm	3.21	C2H3ClO	L	-112.8
24	Acetyl triethyl citrate	77-89-4	318.36	mg/m^3	13.01	C14.H22.O8	S	
25	Acetylaminofluorene, 2-	53-96-3	223.27	mg/m^3	9.13	C15H13NO	S	193
26	Acetylaminofluorenone, 2-	3096-50-2	237.27	mg/m^3	9.70	C15H11NO2	S fibers	
27	Acetylene	74-86-2	26.04	ppm	1.06	C2H2	G	-80.7
28	**Acrolein**	**107-02-8**	56.063	ppm	2.29	C3H4O	L	-87.7
29	Acrylamide	79-06-1	71.078	mg/m^3	2.91	C3H5NO	S	84.5
30	Acrylamide, N,N'-methylenebisacrylamide copolymer	25034-58-6	154.19	mg/m^3	6.30	(C7.H10.N2.O2. C3.H5.N.O)x	S	185 dec
31	**Acrylic acid**	**79-10-7**	72.06	ppm	2.95	C3H4O2	L	12.5
32	**Acrylonitrile**	**107-13-1**	53.063	ppm	2.17	C3H3N	L	-83.48
33	Acrylyl chloride; (Acryloyl chloride)	814-68-6	90.51	ppm	3.70	C3H3ClO	L	
34	**Adamsite; (Phenarsazine chloride)**	**578-94-9**	277.59	mg/m^3	11.35	C12.H9.As.Cl.N	S	195
35	Adipic acid, diethylene glycol, trimethylolpropane, phthalic anhydride, toluenediisocyanate polymer, isocyanate terminated	68609-57-4		mg/m^3		(C9.H6.N2.O2.C8.H4.O3.C6.H14.O3.C6.H10.O4.C4.H10.O3)x	S	
36	Adiponitrile	111-69-3	108.16	ppm	4.42	C6H8N2	S needles	1
37	Aerosol, A-102; (Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxo-3-sulfopropyl)-omega-(dodecyloxy)-, disodium salt)	39354-45-5		mg/m^3		(C2.H4.O)n.C16.H30.O7.S.2Na	L	
38	Alamine 336	68814-95-9		mg/m^3		[Unspecified]	L	
39	Alcohols, C6-C12 (N.O.S.)	68603-15-6		mg/m^3		Cn.H2n.+1OH	L	
40	Aldicarb; (Carbanolate; Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime, 2-)	116-06-3	190.26	mg/m^3	7.78	C7H14N2O2S	S	99
41	Aldrin; (1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-endo,exo-5,8-dimethanonaphthalene)	309-00-2	364.91	mg/m^3	14.91	C12H8Cl6	S	104
42	Aldrithiol-2; (2,2'-Dithiodipyridine)	2127-03-9	220.31	mg/m^3	9.00	C10H8N2S2	S	56-60
43	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4		mg/m^3		[Unknown]		

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
23	Acetyl chloride	75-36-5	50.7	287	25	1.1051 @ 20°C	50000	08/21/96	07/10/13	12/31/11
24	Acetyl triethyl citrate	77-89-4	214 @ 40mm			1.135		10/31/92	07/10/13	12/31/11
25	Acetylaminofluorene, 2-	53-96-3						09/30/97	07/10/13	12/31/11
26	Acetylaminofluorenone, 2-	3096-50-2						01/10/01	11/18/13	07/10/13
27	Acetylene	74-86-2	subl -84	40400	25	0.377 @ 20°C	25000	12/08/02	07/10/13	12/09/11
28	**Acrolein**	**107-02-8**	52.6	274	25	0.840 @ 20°C	28000	11/30/92	11/11/09	12/20/07
29	Acrylamide	79-06-1	192.6	0.75	109.6	1.122 @ 30°C		08/21/96	07/10/13	05/03/12
30	Acrylamide, N,N'-methylenebisacrylamide copolymer	25034-58-6				1.235 @ 30°C		04/14/04	07/10/13	12/31/11
31	**Acrylic acid**	**79-10-7**	141	7.5	35	1.0511 @ 20°C	24000	11/30/92	02/13/15	10/11/05
32	**Acrylonitrile**	**107-13-1**	77.3	75	17.7	0.8007	30000	11/30/92	11/17/14	09/25/14
33	Acrylyl chloride; (Acryloyl chloride)	814-68-6	75.5	300	25	1.1136 @ 20°C		03/01/00	02/05/15	02/05/15
34	**Adamsite; (Phenarsazine chloride)**	**578-94-9**	410			1.65		09/05/08	08/27/15	
35	Adipic acid, diethylene glycol, trimethylolpropane, phthalic anhydride, toluenediisocyanate polymer, isocyanate terminated	68609-57-4						09/05/08	04/10/09	12/31/11
36	Adiponitrile	111-69-3	295	0.00068	25	0.9676 @ 20°C	10000	06/13/02	10/29/14	10/29/14
37	Aerosol, A-102; (Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxo-3-sulfopropyl)-omega-(dodecyloxy)-, disodium salt)	39354-45-5				1		10/31/92	07/10/13	12/31/11
38	Alamine 336	68814-95-9						10/11/05	07/10/13	12/31/11
39	Alcohols, C6-C12 (N.O.S.)	68603-15-6						07/09/97	07/10/13	12/31/11
40	Aldicarb; (Carbanolate; Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime, 2-)	116-06-3	> 100 dec	9.75E-05	20	1.195		12/30/95	02/17/15	12/31/11
41	Aldrin; (1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-endo,exo-5,8-dimethanonaphthalene)	309-00-2	145 @ 2mmHg	1.2x10-4	25	1.6 @ 20°C		12/30/95	10/14/13	12/31/11
42	Aldrithiol-2; (2,2'-Dithiodipyridine)	2127-03-9						04/14/04	03/03/09	12/31/11
43	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4						01/04/99	07/10/13	12/31/11

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
44	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	240.22	mg/m^3	9.82	C14H8O4	S	289
45	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3	342.26	mg/m^3	13.99	C14.H7.O7.S.Na	S	
46	Alkanes, C4-C12	68333-81-3	114	ppm	4.66	[Unspecified]		
47	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108		mg/m^3		[Unknown]		
48	Alkyl benzenes (C8-C9)	z-0109		mg/m^3		[Unspecified]		
49	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5		mg/m^3		[Unspecified]	S	34.37
50	Alkylamines	63231-48-1		mg/m^3		[Unspecified]		
51	Alkylbenzene (C10-C16)	68648-87-3		mg/m^3		[Unspecified]	S	
52	Alkylbenzyldimethyl ammonium chloride, (C12-C18)	68391-01-5		mg/m^3				
53	Allene; (1,2-Propadiene)	463-49-0	40.06	ppm	1.64	C3H4	G	-136
54	Allyl 2-chloroethyl sulfide	19155-35-2	136.65	mg/m^3	5.59	C5H9ClS		
55	**Allyl alcohol**	**107-18-6**	58.079	ppm	2.37	C3H6O	L	-129
56	Allyl bromide; (3-Bromopropene)	106-95-6	120.99	ppm	4.95	C3.H5.Br	L	-119
57	**Allyl chloride**	**107-05-1**	76.53	ppm	3.13	C3H5Cl	L	-134.5
58	**Allyl chlorocarbonate**	**2937-50-0**	120.54	ppm	4.93	C4.H5.Cl.O2	L	-80
59	Allyl isothiocyanate; (Mustard oil)	57-06-7	99.16	ppm	4.05	C4.H5.N.S.	L	-80
60	**Allylamine**	**107-11-9**	57.11	ppm	2.33	C3H7N	L	
61	Allylmagnesium bromide	1730-25-2	145.2815	mg/m^3	5.94	C3.H5.Br.Mg	S	
62	**Allyltrichlorosilane**	**107-37-9**	175.52	ppm	7.17	C3.H5.Cl3.Si	S/L	35
63	Alpha,alpha,4-trimethyl-3-cyclohexene-1-methanol, (S)-; (alpha-Terpineol)	10482-56-1	154.28	mg/m^3	6.31	C10.H18.O	S	40.5
64	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3	152.1494	mg/m^3	6.22	C8.H8.O3	S	119-121
65	Aluminum acetate, basic	7360-44-3	120.04	mg/m^3	4.91	C2.H5.Al.O4	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
44	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	430					10/31/92	07/10/13	12/31/11
45	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3						10/31/92	07/10/13	12/31/11
46	Alkanes, C4-C12	68333-81-3						12/08/02	03/06/15	12/31/11
47	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108						09/30/97	07/10/13	12/31/11
48	Alkyl benzenes (C8-C9)	z-0109						01/04/99	03/03/09	12/31/11
49	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5				0.9884 @ 20°C		04/14/04	08/22/12	08/22/12
50	Alkylamines	63231-48-1						07/09/97	08/19/09	12/31/11
51	Alkylbenzene (C10-C16)	68648-87-3						08/07/98	07/10/13	07/10/13
52	Alkylbenzyldimethyl ammonium chloride, (C12-C18)	68391-01-5						01/11/09	07/10/13	12/31/11
53	Allene; (1,2-Propadiene)	463-49-0	-34.5			1.787		12/08/02	03/30/15	03/30/15
54	Allyl 2-chloroethyl sulfide	19155-35-2						05/04/15		
55	**Allyl alcohol**	**107-18-6**	97.4	7.5	6.8	0.8540 @ 20°C	25000	12/30/95	08/27/15	08/27/15
56	Allyl bromide; (3-Bromopropene)	106-95-6	71.3			1.3980 @ 20°C		06/13/02	05/19/15	05/19/15
57	**Allyl chloride**	**107-05-1**	45.1	750	44.6	0.9376 @ 20°C	29000	11/30/92	02/13/15	05/16/08
58	**Allyl chlorocarbonate**	**2937-50-0**	109.5	20	25	1.136		10/31/92	02/17/15	12/31/11
59	Allyl isothiocyanate; (Mustard oil)	57-06-7	150.7	10	38.3	1.105 @ 15°C		10/31/92	05/29/13	05/29/13
60	**Allylamine**	**107-11-9**	65.8-58			0.761	22000	03/01/00	03/03/09	10/11/05
61	Allylmagnesium bromide	1730-25-2						10/31/92	10/17/13	12/31/11
62	**Allyltrichlorosilane**	**107-37-9**	117.5	53.0	47.5	1.2011 @ 20°C		09/05/08		
63	Alpha,alpha,4-trimethyl-3-cyclohexene-1-methanol, (S)-; (alpha-Terpineol)	10482-56-1	220			0.9337 @ 20°C		10/11/05	07/12/13	12/31/11
64	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3				1.3		10/11/05	07/10/13	12/31/11
65	Aluminum acetate, basic	7360-44-3						10/11/05	02/26/14	12/31/11

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
66	Aluminum carbide	1299-86-1	143.9586	mg/m^3	5.88	Al4C3	S	2100
67	Aluminum chloride	7446-70-0	133.33	mg/m^3	5.45	AlCl3	S	192.6
68	Aluminum chloride hexahydrate	7784-13-6	241.45	mg/m^3	9.87	AlCl3H12O6	S	100 dec
69	Aluminum fluoride	7784-18-1	84	mg/m^3	3.43	AlF3	S crystals	2,250 triple pt
70	Aluminum grey LB; (Acid black 60)	12218-95-0	877.85	mg/m^3	35.88	C38.H32.Cr.N8.O19.S2.H	S	
71	Aluminum hexafluorosilicate	17099-70-6	480.23	mg/m^3	19.63	F18.Si3.2Al	S	>500 dec
72	Aluminum hydroxide	21645-51-2	78.004	mg/m^3	3.19	AlH3O3	S	300
73	Aluminum oxide hydrate	1333-84-2	137.99	mg/m^3	5.64	Al.O3.x(H2.O)	S	loses H2O 300C
74	Aluminum oxide; (Alumina)	1344-28-1	101.96	mg/m^3	4.17	Al2O3	S	2054
75	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7	121.95	mg/m^3	4.98	AlO4P	S	>1460
76	**Aluminum phosphide**	**20859-73-8**	57.95	ppm	2.37	AlP	S crystals	2550 triple pt
77	Aluminum potassium sulfate, dodecahydrate	7784-24-9	474.39	mg/m^3	19.39	AlH24KO20S2	S	105
78	Aluminum sulfate	10043-01-3	342.151	mg/m^3	13.98	Al2O12S3	S	1040 dec
79	Aluminum tris(dihydrogen phosphate); (Phosphoric acid, aluminum salt (3:1))	13530-50-2	320.97	mg/m^3	13.12	Al.3(H3.O4.P)	S	
80	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5	517.3	mg/m^3	21.14	C16H12CrN4NaO9S	S	
81	Aluminum(III) isopropylate	555-31-7	204.28	mg/m^3	8.35	C9.H21.O3.Al	S	
82	Aluminum(III) nitrate (1:3)	13473-90-0	212.997	mg/m^3	8.71	AlN3O9	S	dec
83	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	375.19	mg/m^3	15.33	AlH18N3O18	S	73.5
84	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7	162.05	mg/m^3	6.62	Al2O5Si	S crystals	1000 dec
85	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7	303.32	mg/m^3	12.40	C10H9NO6S2	S	274
86	Amino-1-propanol, 3-	156-87-6	75.13	mg/m^3	3.07	C3H9NO	L	12.4
87	Amino-2-(hydroxymethyl)-1,3-propanediol, 2-, acetate salt; (Trizma acetate)	6850-28-8	181.1882	mg/m^3	7.41	C4.H11.N.O3-C2.H4.O2	S	

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
66	Aluminum carbide	1299-86-1	2200 dec			2.36		04/14/04	02/26/14	12/31/11
67	Aluminum chloride	7446-70-0	180 subl	7.5x10-3	58.4	2.48		08/07/98	02/27/14	08/22/12
68	Aluminum chloride hexahydrate	7784-13-6	182.7	1	100	2.44		04/14/04	02/27/14	02/27/14
69	Aluminum fluoride	7784-18-1	1276 subl	1	1238	3.1		09/30/97	02/27/14	12/31/11
70	Aluminum grey LB; (Acid black 60)	12218-95-0						04/14/04	01/18/12	01/18/12
71	Aluminum hexafluorosilicate	17099-70-6						08/17/07	07/10/13	12/31/11
72	Aluminum hydroxide	21645-51-2				2.42		09/30/97	03/04/14	03/04/14
73	Aluminum oxide hydrate	1333-84-2						10/11/05	03/04/14	03/04/14
74	Aluminum oxide; (Alumina)	1344-28-1	2977	7.5	2351	3.99		11/30/92	03/10/14	03/04/14
75	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7				2.56		08/07/98	02/27/14	02/27/14
76	**Aluminum phosphide**	**20859-73-8**				2.4 @ 20°C		12/08/02	02/13/15	02/13/12
77	Aluminum potassium sulfate, dodecahydrate	7784-24-9				1.72		04/14/04	03/10/14	08/31/12
78	Aluminum sulfate	10043-01-3				1.61		07/09/97	02/27/14	08/31/12
79	Aluminum tris(dihydrogen phosphate); (Phosphoric acid, aluminum salt (3:1))	13530-50-2						10/11/05	10/16/13	12/31/11
80	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5						04/14/04	07/12/13	01/18/12
81	Aluminum(III) isopropylate	555-31-7	125 @ 10 mm			1.025 @ 20°C		10/11/05	09/17/15	09/17/15
82	Aluminum(III) nitrate (1:3)	13473-90-0						09/30/97	03/06/15	02/27/14
83	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	135 dec			1.72		01/04/99	10/01/13	09/04/12
84	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7				3.68		09/30/97	03/06/15	03/05/15
85	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7						08/07/98	07/12/13	12/31/11
86	Amino-1-propanol, 3-	156-87-6	187	2.1	60	0.9824 @ 20°C		10/11/05	07/12/13	12/31/11
87	Amino-2-(hydroxymethyl)-1,3-propanediol, 2-, acetate salt; (Trizma acetate)	6850-28-8						10/11/05	07/12/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
88	Amino-2-methyl-2-propanol, 1-	2854-16-2	89.16	mg/m^3	3.64	C4H11NO	L	
89	Amino-4,6-dinitrotoluene, 2-	35572-78-2	197.17	mg/m^3	8.06	C7H7N3O4	S	
90	Aminoacetaldehyde diethyl acetal; (2,2-Diethoxyethylamine)	645-36-3	133.189	mg/m^3	5.44	N.H2.C.H2.C.H.(O.C2.H5)2	L	-78
91	Aminoacetaldehyde dimethyl acetal; (2,2-Dimethoxyethylamine)	22483-09-6	1056.14	mg/m^3	43.17	C4.H11.N.O2	L	
92	Aminoanthraquinone, 2-	117-79-3	223.24	mg/m^3	9.12	C14.H9.N.O2	L	302-306
93	Aminobenzoic acid, p-	150-13-0	137.15	mg/m^3	5.61	C7.H7.N.O2	S	188.5
94	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	205.42	mg/m^3	8.40	C9.H23.N.O2.Si	L	
95	Aminodiphenyl, p-	92-67-1	169.222	mg/m^3	6.92	C12H11N	S	53.5
96	Aminoethoxy)ethanol, 2-(2-	929-06-6	105.16	mg/m^3	4.30	C4.H11.N.O2	L	-12.5
97	Aminoethyl)diphenylborinic acid, o-(2-; (Diphenylboronic acid, ethanolamine ester)	524-95-8	225.12	mg/m^3	9.20	C14H16BNO		
98	Aminoethylethanolamine	111-41-1	104.18	mg/m^3	4.26	C4H12N2O	L	
99	Aminoethylpiperazine, N-	140-31-8	129.203	mg/m^3	5.28	C6H15N3	L	17.6
100	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4	115.25	ppm	4.71	C7H17N		
101	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5	302.2646	mg/m^3	12.35	C4H14N8O6S	S	190
102	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	109.14	mg/m^3	4.46	C6H7NO	S crystals	173
103	Aminophenol, m-	591-27-5	109.14	mg/m^3	4.46	C6H7NO	S	123
104	Aminopropiophenone, 4-	70-69-9	149.21	mg/m^3	6.10	C9H11NO	S	140
105	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	191.39	mg/m^3	7.82	C8H21NO2Si	L	
106	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	221.42	mg/m^3	9.05	C9H23NO3Si	L	
107	Aminopterin; (Aminopteridine)	54-62-6	440.47	mg/m^3	18.00	C19H20N8O5	L/S	
108	Aminopyrazine, 2-	5049-61-6	95	ppm	3.88	C4H5N3		
109	Aminopyridine, 2-	504-29-0	94.13	ppm	3.85	C65H6N2	S	58.1

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
88	Amino-2-methyl-2-propanol, 1-	2854-16-2	151			0.929		09/30/97	07/12/13	12/31/11
89	Amino-4,6-dinitrotoluene, 2-	35572-78-2						08/07/98	07/12/13	12/31/11
90	Aminoacetaldehyde diethyl acetal; (2,2-Diethoxyethylamine)	645-36-3	160-163			0.916		10/31/92	10/15/13	10/15/13
91	Aminoacetaldehyde dimethyl acetal; (2,2-Dimethoxyethylamine)	22483-09-6	135-138			0.975		10/31/92	08/19/09	12/31/11
92	Aminoanthraquinone, 2-	117-79-3	subl					06/13/02	07/18/13	08/06/12
93	Aminobenzoic acid, p-	150-13-0		0.00028	25	1.374		10/11/05	07/18/13	09/04/12
94	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	220	0.06	25			12/08/02	07/18/13	08/10/12
95	Aminodiphenyl, p-	92-67-1	302	5.79x10-4	25	1.16 no temp		09/30/97	07/18/13	12/31/11
96	Aminoethoxy)ethanol, 2-(2-	929-06-6	221			1.0572 @ 20°C		08/17/07	07/18/13	12/31/11
97	Aminoethyl)diphenylborinic acid, o-(2-; (Diphenylboronic acid, ethanolamine ester)	524-95-8						10/31/92	07/18/13	12/31/11
98	Aminoethylethanolamine	111-41-1	243.7	<0.01	20	1.0304 @ 20°C	10000	08/17/07	07/18/13	12/31/11
99	Aminoethylpiperazine, N-	140-31-8	220			0.985		07/09/97	10/01/13	07/18/13
100	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4						12/08/02	07/18/13	12/31/11
101	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5				1.61		10/11/05	03/06/09	12/31/11
102	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	153 subl	0.0005	25	1.328		08/07/98	07/18/13	12/31/11
103	Aminophenol, m-	591-27-5	164			1.195		10/11/05	07/18/13	05/23/12
104	Aminopropiophenone, 4-	70-69-9						12/08/02	07/18/13	12/31/11
105	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	197-199	2.25	55	0.916		10/31/92	10/15/13	12/31/11
106	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	217			0.94 @ 20°C		10/11/05	10/15/13	12/31/11
107	Aminopterin; (Aminopteridine)	54-62-6						06/13/02	01/28/13	01/28/13
108	Aminopyrazine, 2-	5049-61-6						12/08/02	05/12/15	11/22/13
109	Aminopyridine, 2-	504-29-0	210.6			1.065 @ 20°C		05/12/15		

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110	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	94.13	mg/m^3	3.85	C5H6N2	S	158
111	Amiton oxalate	3734-97-2	359.42	mg/m^3	14.69	C12H26NO7PS	S	98-99
112	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	269.38	mg/m^3	11.01	C10H24NO3PS	L	
113	Amitrole	61-82-5	84.08	mg/m^3	3.44	C2H4N4	S	159
114	**Ammonia**	**7664-41-7**	17.031	ppm	0.70	H3N	G	-77.7
115	Ammonia-d3	13550-49-7	20.0487	ppm	0.82	D3N	G	
116	Ammonium acetate	631-61-8	77.1	mg/m^3	3.15	C2H7NO2	S crystals	114
117	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2	195.13	mg/m^3	7.98	AlF6H12N3	S	
118	Ammonium benzoate	1863-63-4	139.17	mg/m^3	5.69	C7H9NO2	S	198 decom
119	Ammonium bicarbonate	1066-33-7	79.1	mg/m^3	3.23	CH5NO3	S	107 dec
120	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6	115.11	mg/m^3	4.70	H5NO4S	S	146.9
121	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	99.11	mg/m^3	4.05	H5NO3S	S	dec
122	Ammonium bromide	12124-97-9	97.96	mg/m^3	4.00	BrH4N	S	452 subl.
123	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	78.09	mg/m^3	3.19	CH6N2O2	S	60 sublms
124	Ammonium carbonate	506-87-6	96.11	mg/m^3	3.93	CH8N2O3	S	58 dec
125	Ammonium chloride	12125-02-9	53.5	mg/m^3	2.19	ClH4N	S	520 dec
126	Ammonium chromate	7788-98-9	152.1	mg/m^3	6.22	CrH8N2O4	S	180 decom
127	Ammonium citrate	7632-50-0	226.18	mg/m^3	9.24	C6H8O7 (H3N)x	S crystals	
128	Ammonium citrate tribasic	3458-72-8	243.22	mg/m^3	9.94	C6H8O7(NH3)3	S	
129	Ammonium citrate, dibasic	3012-65-5	226.19	mg/m^3	9.24	C6H14N2O7	S crystals	
130	Ammonium dichromate	7789-09-5	252.1	mg/m^3	10.30	Cr2H8N2O7	S	180 dec
131	Ammonium dihydrogen phosphate; (Monoammonium phosphate)	7722-76-1	115.03	mg/m^3	4.70	H6NO4P	S	190

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
110	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	273					06/13/02	09/17/12	09/17/12
111	Amiton oxalate	3734-97-2	110 @ 0.2 mm	0.01	80			12/08/02	07/18/13	09/04/12
112	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	110 @ 0.2 mm	0.01	80			12/08/02	07/18/13	09/06/12
113	Amitrole	61-82-5		4.4x10-7	25	1.138 @ 20°C		12/30/95	07/18/13	12/31/11
114	**Ammonia**	**7664-41-7**	-33.3	750	-33.6	0.696	150000	11/30/92	06/13/14	10/11/05
115	Ammonia-d3	13550-49-7						10/31/92	03/08/12	03/09/09
116	Ammonium acetate	631-61-8				1.073		08/07/98	07/18/13	07/18/13
117	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2				1.78		08/07/98	07/18/13	12/31/11
118	Ammonium benzoate	1863-63-4	160 sublms			1.26		08/21/96	07/18/13	12/31/11
119	Ammonium bicarbonate	1066-33-7		58.9	25.4	1.586		08/07/98	07/18/13	12/05/11
120	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6				1.78		01/10/01	07/18/13	12/31/11
121	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	150 subl			2.03		09/30/97	10/15/13	12/31/11
122	Ammonium bromide	12124-97-9	235 in vacuum	1	198.3	2.429		10/11/05	07/18/13	12/31/11
123	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	60					06/13/02	07/18/13	12/31/11
124	Ammonium carbonate	506-87-6	dec			1.586		08/07/98	07/18/13	12/31/11
125	Ammonium chloride	12125-02-9	338 subl	1	160.4 subl	1.52		08/07/98	07/18/13	12/05/11
126	Ammonium chromate	7788-98-9				1.8		06/13/02	10/30/14	10/30/14
127	Ammonium citrate	7632-50-0				1.48		08/07/98	07/18/13	12/05/11
128	Ammonium citrate tribasic	3458-72-8						10/11/05	10/14/13	12/05/11
129	Ammonium citrate, dibasic	3012-65-5	decom			1.48		06/13/02	10/14/13	12/05/11
130	Ammonium dichromate	7789-09-5				2.155		08/07/98	10/30/14	05/23/14
131	Ammonium dihydrogen phosphate; (Monoammonium phosphate)	7722-76-1				1.803		03/01/00	07/18/13	07/18/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
132	Ammonium ferrous sulfate hexahydrate	7783-85-9	356.09	mg/m^3	14.55	FeH16N2O14S	S	
133	Ammonium fluoborate	13826-83-0	104.86	mg/m^3	4.29	BF4H4N	S	230
134	Ammonium fluoride	12125-01-8	37.05	mg/m^3	1.51	FH4N	S crystals	238
135	Ammonium formate	540-69-2	63.07	mg/m^3	2.58	CH5NO2	S	116
136	Ammonium hexachlorohydrate (III)	z-0001		mg/m^3		[Unknown]	S	
137	Ammonium hexafluorosilicate; (Ammonium silicofluoride)	16919-19-0	178.19	mg/m^3	7.28	F6H8N2Si	S	dec
138	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	57.06	mg/m^3	2.33	F2H5N	S	126
139	Ammonium hydrogen oxalate hemihydrate	37541-72-3	232.146	mg/m^3	9.49	C4H10N2O8H2O	S	220
140	Ammonium hydroxide	1336-21-6	35.046	ppm	1.43	H5NO	L	-77
141	Ammonium iodide	12027-06-4	145	mg/m^3	5.93	H4IN	S	551 dec
142	Ammonium lactate	515-98-0	107.11	mg/m^3	4.38	C3H9NO3	S crystals	92
143	Ammonium lignin sulfonate	8061-53-8		mg/m^3		[Unspecified]		
144	Ammonium molybdate(VI) tetrahydrate	12054-85-2	1235.87	mg/m^3	50.51	Mo7.O24.H24.N6	S	90
145	Ammonium molybdate; (Diammonium molybdate)	13106-76-8	196.04	mg/m^3	8.01	H8MoN2O4	S	dec
146	Ammonium molybdophosphate	12026-66-3	1876.35	mg/m^3	76.69	(N.H4)3.12(Mo.O3).P.O4	S	dec.
147	Ammonium nickel sulfate	15699-18-0	286.93	mg/m^3	11.73	H8N2NiO8S2	S	
148	Ammonium nitrate	6484-52-2	80.06	mg/m^3	3.27	H4N2O3	S crystals	169.6
149	Ammonium oxalate monohydrate	5972-73-6	125.08	mg/m^3	5.11	C2H7NO5	S	
150	Ammonium oxalate; (Diammonium oxalate monohydrate)	6009-70-7	142.11	mg/m^3	5.81	C2.H10.N2.O5. or (N.H4)2.C2.O4.H2.O	S	70 decom
151	Ammonium pentaborate	12007-89-5	272.14	mg/m^3	11.12	B5H4NO8	S	
152	Ammonium perchlorate	7790-98-9	117.5	mg/m^3	4.80	ClH4NO4	S vs	dec
153	Ammonium permanganate	13446-10-1	136.99	mg/m^3	5.60	H4MnNO4	S	expl

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
132	Ammonium ferrous sulfate hexahydrate	7783-85-9						01/04/99	04/01/14	12/31/11
133	Ammonium fluoborate	13826-83-0	238 subl			1.871 @ 15°C		06/13/02	07/18/13	09/04/12
134	Ammonium fluoride	12125-01-8				1.00925		08/07/98	11/11/13	12/31/11
135	Ammonium formate	540-69-2	180 dec			1.28		08/07/98	07/18/13	12/31/11
136	Ammonium hexachlorohydrate (III)	z-0001						08/07/98	07/18/13	12/31/11
137	Ammonium hexafluorosilicate; (Ammonium silicofluoride)	16919-19-0				2.01		08/07/98	07/18/13	12/31/11
138	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	240 dec			1.51		08/07/98	12/05/11	12/31/11
139	Ammonium hydrogen oxalate hemihydrate	37541-72-3						10/11/05	01/16/14	01/16/14
140	Ammonium hydroxide	1336-21-6	36	2160	25	0.9		08/21/96	10/15/13	11/21/11
141	Ammonium iodide	12027-06-4	405 subl	1	210.9	2.51		08/07/98	01/14/14	07/19/13
142	Ammonium lactate	515-98-0						01/04/99	07/18/13	12/31/11
143	Ammonium lignin sulfonate	8061-53-8						09/30/97	07/18/13	12/31/11
144	Ammonium molybdate(VI) tetrahydrate	12054-85-2	180 dec			2.498		04/14/04	04/10/14	04/10/14
145	Ammonium molybdate; (Diammonium molybdate)	13106-76-8				2.27		08/07/98	04/10/14	09/04/12
146	Ammonium molybdophosphate	12026-66-3						08/07/98	04/10/14	12/31/11
147	Ammonium nickel sulfate	15699-18-0				1.923		01/10/01	06/05/14	12/31/11
148	Ammonium nitrate	6484-52-2	200-260 dec			1.725		08/07/98	07/19/13	12/05/11
149	Ammonium oxalate monohydrate	5972-73-6						06/13/02	07/19/13	07/19/13
150	Ammonium oxalate; (Diammonium oxalate monohydrate)	6009-70-7				1.5		06/13/02	07/19/13	07/19/13
151	Ammonium pentaborate	12007-89-5				1.57 @ 20°C		01/04/99	07/19/13	12/31/11
152	Ammonium perchlorate	7790-98-9				1.95		06/13/02	07/19/13	12/31/11
153	Ammonium permanganate	13446-10-1				2.208		01/10/01	05/16/14	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
154	Ammonium peroxydisulfate	7727-54-0	228.22	mg/m^3	9.33	H8N2O8S2	S	120 dec
155	Ammonium phosphate dibasic; (Diammonium phosphate)	7783-28-0	132.08	mg/m^3	5.40	H9N2O4P	S	155 dec
156	Ammonium picrate	131-74-8	246.135	mg/m^3	10.06	C6H6N4O7	S	dec
157	Ammonium polyacrylate	9003-03-6		mg/m^3		(C3.H4.O2)x.x H3.N	S	
158	Ammonium sulfamate	7773-06-0	144.124	mg/m^3	5.89	H7N2O3S	S	131
159	Ammonium sulfate	7783-20-2	132.16	mg/m^3	5.40	H8N2O4S	S	280 dec
160	Ammonium sulfite	10196-04-0	116.14	mg/m^3	4.75	H8N2O3S	S	
161	Ammonium sulfite monohydrate	7783-11-1	134.156	mg/m^3	5.48	(N.H4)2.S.O3.H2.O	S	60-70
162	Ammonium tartrate; (Butanedioic acid, 2,3-dihydroxy-(2R,3R)-, ammonium salt)	14307-43-8	184	mg/m^3	7.52	C4H6O6.(NH3)x	S	
163	Ammonium tartrate; (Diammonium tartrate)	3164-29-2	184.18	mg/m^3	7.53	C4H12N2O6	S	
164	Ammonium thiocyanate	1762-95-4	76.13	mg/m^3	3.11	CH4N2S	S del	149.6
165	Ammonium thiosulfate; (Ammonium hyposulfite)	7783-18-8	148.22	mg/m^3	6.06	H8N2O3S2	S	150 dec
166	Ammonium tungstate(VI)	11120-25-5	3042.44	mg/m^3	124.35	(N.H4)10.W12.O41	S	
167	Ammonium vanadate; (Ammonium vanadium oxide; Ammonium metavanadate)	7803-55-6	116.979	mg/m^3	4.78	H4NO3V	S	200 dec
168	Ammonium, hexadecyltrimethyl-, bromide; (Hexadecyltrimethylammonium bromide)	57-09-0	364.53	mg/m^3	14.90	C19H42BrN	S	237-243
169	Ammonium, tetraethyl-, bromide; (Tetraethyl ammonium bromide)	71-91-0	210.2	mg/m^3	8.59	C8.H20.N.Br	S hygr	286 dec
170	Ammonium, tetramethyl-, bromide; (Tetramethylammonium bromide)	64-20-0	154.08	mg/m^3	6.30	C4.H12.Br.N	S hygr.	dec. >230
171	Amyl acetate	628-63-7	130.21	ppm	5.32	C7H14O2	L	-70.8
172	Amyl methyl ether, tert-; (TAME)	994-05-8	102.2	ppm	4.18	C6.H14.O	L	
173	Amylamine, n-; (1-Pentylamine)	110-58-7	87.19	mg/m^3	3.56	C5.H13.N	L	
174	**Amyltrichlorosilane; (Pentyltrichlorosilane)**	**107-72-2**	205.6	ppm	8.40	C5.H11.Cl3.Si	L	
175	Anhydrone; (Magnesium perchlorate)	10034-81-8	223.21	mg/m^3	9.12	Cl2MgO8	S	251 dec

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
154	Ammonium peroxydisulfate	7727-54-0				1.982		08/07/98	07/19/13	07/19/13
155	Ammonium phosphate dibasic; (Diammonium phosphate)	7783-28-0				1.619		08/07/98	12/05/11	12/31/11
156	Ammonium picrate	131-74-8	423 expl			1.72		08/21/96	11/17/09	12/31/11
157	Ammonium polyacrylate	9003-03-6						10/11/05	03/25/09	10/11/05
158	Ammonium sulfamate	7773-06-0	160 dec	0	No temp	1.77 no temp		08/21/96	10/15/13	12/31/11
159	Ammonium sulfate	7783-20-2				1.77		01/04/99	05/29/13	05/29/13
160	Ammonium sulfite	10196-04-0				1.41		06/13/02	01/19/09	12/31/11
161	Ammonium sulfite monohydrate	7783-11-1	230-245 decomp			1.41		10/11/05	07/18/08	12/31/11
162	Ammonium tartrate; (Butanedioic acid, 2,3-dihydroxy-(2R,3R)-, ammonium salt)	14307-43-8	decom			1.6		06/13/02	01/19/09	12/31/11
163	Ammonium tartrate; (Diammonium tartrate)	3164-29-2				1.601		06/13/02	10/15/13	12/31/11
164	Ammonium thiocyanate	1762-95-4	170 dec			1.305		08/07/98	10/15/13	09/04/12
165	Ammonium thiosulfate; (Ammonium hyposulfite)	7783-18-8				1.679		09/30/97	07/19/13	12/31/11
166	Ammonium tungstate(VI)	11120-25-5				2.3		10/11/05	07/17/14	12/31/11
167	Ammonium vanadate; (Ammonium vanadium oxide; Ammonium metavanadate)	7803-55-6				2.326		12/30/95	07/17/14	07/17/14
168	Ammonium, hexadecyltrimethyl-, bromide; (Hexadecyltrimethylammonium bromide)	57-09-0						01/04/99	10/01/13	01/25/12
169	Ammonium, tetraethyl-, bromide; (Tetraethyl ammonium bromide)	71-91-0				1.39 @ 20°C		10/11/05	07/19/13	12/31/11
170	Ammonium, tetramethyl-, bromide; (Tetramethylammonium bromide)	64-20-0	subl. >360 dec.			1.5		10/11/05	07/20/13	12/31/11
171	Amyl acetate	628-63-7	148.4			0.879 @ 20°C	11000	08/07/98	07/20/13	09/04/12
172	Amyl methyl ether, tert-; (TAME)	994-05-8	86.1	75.2	25	0.766		10/11/05	07/20/13	01/25/13
173	Amylamine, n-; (1-Pentylamine)	110-58-7					22000	06/13/02	07/20/13	12/31/11
174	**Amyltrichlorosilane; (Pentyltrichlorosilane)**	**107-72-2**	172			1.1330 @ 20°C		07/02/08	07/20/13	
175	Anhydrone; (Magnesium perchlorate)	10034-81-8				2.2		08/07/98	07/20/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
176	**Aniline**	**62-53-3**	93.127	ppm	3.81	C6H7N	L	-6.02
177	Anisidine, o-	90-04-0	123.152	mg/m^3	5.03	C7H9NO	L	6.2
178	Anisidine, p-	104-94-9	123.152	mg/m^3	5.03	C7H9NO	S	57.2
179	Anisole; (Anisole anhydrous; Methoxybenzene)	100-66-3	108.15	mg/m^3	4.42	C7H8O	L	-37.3
180	Anthracene	120-12-7	178.229	mg/m^3	7.28	C14H10	S	215.76
181	Anthracenedisulfonic acid, 4,8-diamino-9,10-dihydro-1,5-dihydroxy-9,10-dioxo, disodium salt, 2,6-; (Acid Blue 45; Alizarine Blue)	2861-02-1	474.34	mg/m^3	19.39	C14H8N2Na2O10S2	S	
182	Anthranilic acid	118-92-3	137.15	mg/m^3	5.61	C7.H7.N.O2	S	144-146
183	Anthraquinone	84-65-1	208.22	mg/m^3	8.51	C14H8O2	S	286
184	Antimony	7440-36-0	121.76	mg/m^3	4.98	Sb	S	630.628
185	Antimony hydroxide	39349-74-1	172.7719	mg/m^3	7.06	Sb.(OH)3	S	
186	Antimony oxide	1309-64-4	291.518	mg/m^3	11.91	O3Sb2	S	655
187	Antimony pentachloride	7647-18-9	299.01	mg/m^3	12.22	Cl5Sb	S	4
188	Antimony pentafluoride	7783-70-2	216.75	mg/m^3	8.86	F5Sb	L	7
189	Antimony pentasulfide	1315-04-4	403.8	mg/m^3	16.50	S5Sb2	S	75 decom
190	Antimony potassium tartrate trihydrate	28300-74-5	667.87	mg/m^3	27.30	C8H10K2O15Sb2	S	100 lose water
191	Antimony trichloride; (Antimony(III) chloride)	10025-91-9	228.119	mg/m^3	9.32	Cl3Sb	S	73.4
192	Antimony trifluoride	7783-56-4	178.75	mg/m^3	7.31	F3Sb	S	292
193	Antimycin A	1397-94-0	548.7	mg/m^3	22.43	C28H40N2O9	S	
194	Antioxidant G-16 (most toxic antioxident)	61373-87-3		mg/m^3		[Unknown]	L	
195	Aqua regia (75% hydrochloric + 25% nitric acid)	8007-56-5	99.47	ppm	4.07	3H.Cl.H.N.O3	L	
196	Argon	7440-37-1	39.94	ppm	1.63	Ar	G	-189.2

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
176	**Aniline**	**62-53-3**	184.17	0.75	26.7	1.022 @ 20°C	13000	12/30/95	07/05/12	10/11/05
177	Anisidine, o-	90-04-0	224	8.0x10-2	25	1.092 @ 20°C		09/30/97	07/20/13	12/31/11
178	Anisidine, p-	104-94-9	243	3.0x10-2	20	1.071 @ 57°C		09/30/97	07/20/13	01/28/13
179	Anisole; (Anisole anhydrous; Methoxybenzene)	100-66-3	153.8	10	42.2	1.515		04/14/04	03/06/15	12/31/11
180	Anthracene	120-12-7	339.9	7.5x10-3	89.2	1.28	6000	07/09/97	07/20/13	07/20/13
181	Anthracenedisulfonic acid, 4,8-diamino-9,10-dihydro-1,5-dihydroxy-9,10-dioxo, disodium salt, 2,6-; (Acid Blue 45; Alizarine Blue)	2861-02-1						04/14/04	07/20/13	12/31/11
182	Anthranilic acid	118-92-3	subl.			1.412 @ 20°C		10/11/05	07/20/13	05/23/12
183	Anthraquinone	84-65-1	376.9	1.16x10-7	25	1.42-1.44 @ 20°C		08/07/98	07/20/13	12/31/11
184	Antimony	7440-36-0	1587	7.5x10-3	534	6.68		08/21/96	07/10/14	09/05/12
185	Antimony hydroxide	39349-74-1						05/24/10	07/11/14	12/31/11
186	Antimony oxide	1309-64-4	1425	7.5x10-3	426.1	5.58		09/30/97	07/11/14	09/05/12
187	Antimony pentachloride	7647-18-9	140 dec	1	22.7	2.336		08/07/98	07/11/14	12/06/11
188	Antimony pentafluoride	7783-70-2	149.5			2.99 @ 23°C		06/13/02	07/11/14	07/11/14
189	Antimony pentasulfide	1315-04-4				4.12		06/13/02	07/11/14	12/31/11
190	Antimony potassium tartrate trihydrate	28300-74-5				2.607		08/07/98	07/11/14	12/06/11
191	Antimony trichloride; (Antimony(III) chloride)	10025-91-9	220.3	1	49.2	3.14		09/30/97	07/11/14	12/31/11
192	Antimony trifluoride	7783-56-4	376	200	292	4.379 @ 20°C		06/13/02	07/11/14	05/23/12
193	Antimycin A	1397-94-0		0.00001	25			06/13/02	07/20/13	12/31/11
194	Antioxidant G-16 (most toxic antioxident)	61373-87-3						09/30/97	07/20/13	12/31/11
195	Aqua regia (75% hydrochloric + 25% nitric acid)	8007-56-5						03/01/00	07/20/13	07/20/13
196	Argon	7440-37-1	-185.7			1.633 g/L		01/10/01	07/20/13	08/20/09

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
197	Aromatic isocyanate mixture "SWD 305A"	z-0111		mg/m^3			L	
198	Arsenic	7440-38-2	74.92	mg/m^3	3.06	As	S	817 triple point
199	Arsenic acid; (o-Arsenic acid) Includes CASRN 1327-52-2	7778-39-4	141.94	mg/m^3	5.80	AsH3O4	L or S	35
200	Arsenic pentoxide	1303-28-2	229.84	mg/m^3	9.39	As2O5	S	315
201	**Arsenic trioxide**	**1327-53-3**	197.84	mg/m^3	8.09	As2O3	S	274
202	Arsenous acid	13464-58-9	125.94	mg/m^3	5.15	AsH3O3	V	
203	Arsenous trichloride	7784-34-1	181.27	mg/m^3	7.41	AsCl3	L	-16
204	**Arsine**	**7784-42-1**	77.95	ppm	3.19	AsH3	G	-116
205	Asbestos, inlcudes: (Amosite, 12172-73-5, Ascarite, 81133-20-2, Chrysotile, 1332-21-4)	1332-21-4		mg/m^3		[Unspecified]	S fibers	
206	Ascaridole	512-85-6	168.26	mg/m^3	6.88	C10.H16.O2	L	3.3
207	Auramine; (4,4'-(Imidocarbonyl)bis(N,N-dimethylamine) monohydrochloride)	2465-27-2	321.85	mg/m^3	13.15	C17H22ClN3	S	267
208	Azinphos ethyl; (Ethyl guthion)	2642-71-9	345.4	mg/m^3	14.12	C12.H16.N3.O3.P.S2	S	53
209	Azinphos methyl; (Guthion)	86-50-0	317.34	mg/m^3	12.97	C10.H12.N3.O3.P.S2	S	74
210	Aziridine homopolymer; (Ethylenimine homopolymer; Poly(ethyleneimine))	9002-98-6	10000	mg/m^3	408.71	(C2.H5.N)x	L	
211	Azobis(2-methylpropionitrile), 2,2'-	78-67-1	164.24	mg/m^3	6.71	C8.H12.N4	S	107 dec
212	Azodicarbamide; (Azodicarbonamide)	123-77-3	116.1	mg/m^3	4.75	C2.H4.N4.O2	S	225
213	Barium	7440-39-3	137.327	mg/m^3	5.61	Ba	S	727
214	Barium acetate; (Barium acetate anhydrous)	543-80-6	255.44	mg/m^3	10.44	C4H6BaO4	S	
215	Barium carbonate	513-77-9	197.35	mg/m^3	8.07	BaCO3	S	1380 dec
216	Barium chloride	10361-37-2	208.233	mg/m^3	8.51	BaCl2	S crystals	961
217	Barium chloride dihydrate	10326-27-9	244.28	mg/m^3	9.98	BaCl2H4O2	S	962

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
197	Aromatic isocyanate mixture "SWD 305A"	z-0111						07/11/07	10/14/13	07/20/13
198	Arsenic	7440-38-2	616 sublimation point	7.5x10-3	280	5.75		11/30/92	01/27/14	01/27/14
199	Arsenic acid; (o-Arsenic acid) Includes CASRN 1327-52-2	7778-39-4	160			~2.2		09/30/97	01/27/14	01/27/14
200	Arsenic pentoxide	1303-28-2				4.32		09/30/97	01/27/14	12/31/11
201	**Arsenic trioxide**	**1327-53-3**	460	7.5x10-3	133.7	3.86		07/09/97	02/17/15	12/31/11
202	Arsenous acid	13464-58-9						12/08/02	01/27/14	01/27/14
203	Arsenous trichloride	7784-34-1	130	10	23.5	2.15		03/01/00	01/27/14	12/31/11
204	**Arsine**	**7784-42-1**	-62.5	1.1x10+4	20	3.186		11/30/92	03/06/15	12/31/11
205	Asbestos, inlcudes: (Amosite, 12172-73-5, Ascarite, 81133-20-2, Chrysotile, 1332-21-4)	1332-21-4						01/10/01	10/02/13	10/02/13
206	Ascaridole	512-85-6						12/08/02	07/20/13	02/05/13
207	Auramine; (4,4'-(Imidocarbonyl)bis(N,N-dimethylamine) monohydrochloride)	2465-27-2						12/30/95	07/20/13	07/20/13
208	Azinphos ethyl; (Ethyl guthion)	2642-71-9	111 @ 0.001 mm	0.0000032	20	1.284 @ 20°C		12/08/02	07/20/13	12/31/11
209	Azinphos methyl; (Guthion)	86-50-0				1.44		12/08/02	04/09/14	12/31/11
210	Aziridine homopolymer; (Ethylenimine homopolymer; Poly(ethyleneimine))	9002-98-6						07/11/07	07/20/13	12/31/11
211	Azobis(2-methylpropionitrile), 2,2'-	78-67-1						10/11/05	07/20/13	12/31/11
212	Azodicarbamide; (Azodicarbonamide)	123-77-3				1.65 @ 20°C		06/13/02	07/20/13	12/31/11
213	Barium	7440-39-3	1897	7.5x10-3	638	3.62		12/30/95	07/20/13	07/20/13
214	Barium acetate; (Barium acetate anhydrous)	543-80-6	725 dec			2.468		04/14/04	02/04/14	12/31/11
215	Barium carbonate	513-77-9				4.43		08/07/98	02/04/14	12/06/11
216	Barium chloride	10361-37-2	1560	essentially zero	No temp	3.9		12/30/95	02/04/14	12/09/11
217	Barium chloride dihydrate	10326-27-9	1560			3.9		04/14/04	02/04/14	12/31/11

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
218	Barium chromate	10294-40-3	255.36	mg/m^3	10.44	BaCrH2O4	S	1380
219	Barium cyanide	542-62-1	189.38	mg/m^3	7.74	BaC2N2	S	
220	Barium dioxide; (Barium peroxide)	1304-29-6	169.34	mg/m^3	6.92	Ba.O2	S	450
221	Barium diphenylamine sulfonate	6211-24-1	633.8818	mg/m^3	25.91	C24H22BaN2O6S2	S	300
222	Barium fluoride	7787-32-8	175.324	mg/m^3	7.17	BaF2	S crystals	1368
223	Barium hydrogen phosphate; (Barium phosphate dibasic)	10048-98-3	233.31	mg/m^3	9.54	BaHO4P	S	400 dec
224	Barium hydroxide	17194-00-2	171.35	mg/m^3	7.00	BaH2O2	S	408
225	Barium hydroxide octahydrate	12230-71-6	315.47	mg/m^3	12.89	BaH18O10	S pwdr	78/408
226	Barium metaborate	13701-59-2	222.96	mg/m^3	9.11	B2BaO4	S	>900
227	Barium nitrate	10022-31-8	261.336	mg/m^3	10.68	BaN2O6	S	590
228	Barium nitrite	13465-94-6	229.33808	mg/m^3	9.37	BaN2O4	S	267
229	Barium oxide	1304-28-5	153.326	mg/m^3	6.27	BaO	S	1973
230	Barium permanganate	7787-36-2	375.22	mg/m^3	15.34	BaMn2O8	S	200 dec
231	Barium phosphate	13466-20-1	216.3	mg/m^3	8.84	Ba.P.O3	S	
232	Barium stearate	6865-35-6	706.42	mg/m^3	28.87	Ba.C36.H72.O4	S	160
233	Barium sulfate	7727-43-7	233.39	mg/m^3	9.54	BaSO4	S crystals	1580
234	Basic Green 4; (Aizen malachite green)	569-64-2	364.95	mg/m^3	14.92	C23H25ClN2	S	
235	Bathophenanthroline	1662-01-7	175.08	mg/m^3	7.16	C24.H16.N2	S	218-220
236	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2	252.32	mg/m^3	10.31	C20.H12	S	168
237	Benzal chloride	98-87-3	161.03	mg/m^3	6.58	C7H6Cl2	L	-17
238	Benzaldehyde	100-52-7	106.13	ppm	4.34	C7H6O	L	-57.1
239	Benzamide	55-21-0	121.15	mg/m^3	4.95	C7.H7.N.O	S	130

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
218	Barium chromate	10294-40-3				4.498		01/04/99	10/30/14	10/30/14
219	Barium cyanide	542-62-1						06/13/02	02/04/14	02/04/14
220	Barium dioxide; (Barium peroxide)	1304-29-6	800 dec			4.96		12/08/02	02/04/14	12/31/11
221	Barium diphenylamine sulfonate	6211-24-1						08/07/98	02/04/14	12/31/11
222	Barium fluoride	7787-32-8	2260			4.893		12/30/95	02/04/14	01/25/12
223	Barium hydrogen phosphate; (Barium phosphate dibasic)	10048-98-3				4.16		08/07/98	02/04/14	12/31/11
224	Barium hydroxide	17194-00-2				4.495		08/07/98	02/04/14	12/06/11
225	Barium hydroxide octahydrate	12230-71-6	780	227	77.9	2.18 @ 16°C		04/14/04	02/04/14	12/31/11
226	Barium metaborate	13701-59-2				3.3		03/01/00	02/04/14	02/04/14
227	Barium nitrate	10022-31-8				3.24		10/31/92	02/04/14	05/24/12
228	Barium nitrite	13465-94-6				3.234		12/08/02	02/04/14	12/31/11
229	Barium oxide	1304-28-5				5.72		12/30/95	02/04/14	12/31/11
230	Barium permanganate	7787-36-2				3.77		01/10/01	05/19/14	08/09/12
231	Barium phosphate	13466-20-1						08/07/98	05/19/15	05/19/15
232	Barium stearate	6865-35-6				1.145		04/14/04	07/22/13	12/31/11
233	Barium sulfate	7727-43-7	dec >1600			4.49		12/30/95	04/09/14	04/09/14
234	Basic Green 4; (Aizen malachite green)	569-64-2						06/13/02	07/22/13	12/31/11
235	Bathophenanthroline	1662-01-7						01/04/99	07/22/13	07/22/13
236	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2		0.0000005	20			12/08/02	11/14/14	11/14/14
237	Benzal chloride	98-87-3	205	0.75	31	1.26		12/30/95	07/22/13	12/31/11
238	Benzaldehyde	100-52-7	179	0.127	25	1.041	14000	01/04/99	03/05/15	06/07/13
239	Benzamide	55-21-0	288	0.000165		1.341		06/13/02	07/22/13	12/31/11

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240	Benzenamine, sulfate (2:1)	542-16-5	284.3294	mg/m^3	11.62	C12.H16.N2.O4.S	S	
241	**Benzene**	**71-43-2**	78.112	ppm	3.19	C6H6	L	5.49
242	Benzene hexachloride; (Hexachlorocyclohexane, mixed isomers)	608-73-1	290.8	mg/m^3	11.89	C6H6Cl6	S	65
243	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	171.59	mg/m^3	7.01	C7H6ClNO2	S	71
244	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5	202.05	mg/m^3	8.26	C6H7AsO3	S	158 dec
245	Benzene-d6; (Deuterated benzene)	1076-43-3	84.16	ppm	3.44	C6D6	L	7
246	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	176.62	mg/m^3	7.22	C6H5ClO2S	L	14.5
247	Benzenesulfonic acid, 4-chloro	98-66-8	192.62	mg/m^3	7.87	C6H5ClO3S	S	67
248	Benzenesulfonic acid, 5-chloro-2	z-0114	192.62	mg/m^3	7.87	C6.H5.Cl.O3.S	S	
249	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	218.12	mg/m^3	8.91	C1.0.H2.O6	S	285.3
251	Benzidine	92-87-5	184.24	mg/m^3	7.53	C12H12N2	S	127
252	Benzo(a)anthracene	56-55-3	228.29	mg/m^3	9.33	C18H12	S plates	160.5
253	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	252.309	mg/m^3	10.31	C20H12	S	181.1
254	Benzo(ghi)perylene	191-24-2	276.34	mg/m^3	11.29	C22H12	S	277
255	Benzo-4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo(8.8.8)hexacosane, 5,6-	31250-18-7	424.54	mg/m^3	17.35	[Unknown]		
256	Benzoic acid	65-85-0	122.13	mg/m^3	4.99	C7H6O2	S	122
257	Benzoic acid, sodium salt	532-32-1	144.11	mg/m^3	5.89	C7.H5.O2.Na	S	
258	Benzoin oxime	441-38-3	227.28	mg/m^3	9.29	C14.H13.N.O2		
259	**Benzonitrile**	**100-47-0**	103.13	ppm	4.22	C7H5N	L	-12.8
260	Benzophenone	119-61-9	182.23	mg/m^3	7.45	C13H10O	S	49
261	Benzoquinone, p-; (Quinone)	106-51-4	108.1	ppm	4.42	C6H4O2	S	115
262	Benzothiazole	95-16-9	135.19	mg/m^3	5.53	C7.H5.N.S	L	2

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
240	Benzenamine, sulfate (2:1)	542-16-5				1.38	13000	10/11/05	07/22/13	12/31/11
241	**Benzene**	**71-43-2**	80.09	75	20	0.8765 @ 20°C	14000	11/30/92	02/13/15	
242	Benzene hexachloride; (Hexachlorocyclohexane, mixed isomers)	608-73-1		0.5	60	1.675 No temp		09/30/97	07/22/13	01/17/12
243	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	230	0.05	25			06/13/02	07/22/13	09/05/12
244	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5				1.76		08/07/98	01/27/14	10/08/12
245	Benzene-d6; (Deuterated benzene)	1076-43-3	79			0.95	14000	04/14/04	07/22/13	12/31/11
246	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	251-252	0.068	25	1.384 @ 15°C		06/13/02	07/22/13	10/08/12
247	Benzenesulfonic acid, 4-chloro	98-66-8						08/17/07	07/22/13	12/31/11
248	Benzenesulfonic acid, 5-chloro-2	z-0114						08/17/07	07/22/13	02/07/12
249	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	397-400	4.8E-06	25	1.68		10/11/05	07/22/13	06/05/13
251	Benzidine	92-87-5	401			1.25 @ 20°C		12/30/95	09/08/14	09/08/14
252	Benzo(a)anthracene	56-55-3	437.6	5x10-9 torr	20			09/30/97	07/22/13	12/31/11
253	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	310-312 @ 10mmHg	5.49x10-9	25	1.351		10/31/92	07/22/13	07/22/13
254	Benzo(ghi)perylene	191-24-2	550	1.00E-09	25			01/04/99	07/22/13	12/31/11
255	Benzo-4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo(8.8.8)hexacosane, 5,6-	31250-18-7				0.888		10/11/05	11/18/13	11/18/13
256	Benzoic acid	65-85-0	249	7x10-4	25	1.316 @ 15°C		08/07/98	07/22/13	12/31/11
257	Benzoic acid, sodium salt	532-32-1						10/11/05	07/24/13	12/31/11
258	Benzoin oxime	441-38-3						10/11/05	07/24/13	12/31/11
259	**Benzonitrile**	**100-47-0**	191	0.768	25	1.01 @ 15°C		01/04/99	03/06/15	02/09/15
260	Benzophenone	119-61-9	305.4	1	108.2	1.1		04/14/04	02/01/08	12/31/11
261	Benzoquinone, p-; (Quinone)	106-51-4	subl.	7.5x10-3	17.8	1.318 @ 20°C		10/31/92	10/14/13	09/05/12
262	Benzothiazole	95-16-9	231			1.238		07/11/07	07/24/13	12/31/11

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263	Benzotriazole	95-14-7	119.14	mg/m^3	4.87	C6.H5.N3	S	100
264	Benzotrifluoride	98-08-8	146.12	mg/m^3	5.97	C7H5F3	L	-28.95
265	**Benzoyl chloride**	**98-88-4**	140.57	ppm	5.75	C7.H5.ClO	L	-0.5
266	Benzoyl peroxide	94-36-0	242.24	mg/m^3	9.90	C14H10O4	S	105
267	Benzyl acetate	140-11-4	150.19	ppm	6.14	C9.H10.O2	L	-51
268	Benzyl alcohol	100-51-6	108.138	ppm	4.42	C7H8O	L	-15.4
269	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7	225.28	mg/m^3	9.21	C12.H11.N5	S	232.8
270	Benzyl benzoate	120-51-4	212.26	mg/m^3	8.68	C14.H12.O2	L	21
271	**Benzyl chloride**	**100-44-7**	126.584	ppm	5.17	C7H7Cl	L	-45
272	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	170.6	ppm	6.97	C8.H7.Cl.O2	L	
273	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	117.16	mg/m^3	4.79	C8.H7.N	L	-23.8
274	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	195.47	mg/m^3	7.99	C7H5Cl3	L	-4.42
275	Benzylamine	100-46-9	107.2	mg/m^3	4.38	C7.H9.N	L	
276	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	135.23	mg/m^3	5.53	C9.H13.N	L	-75
277	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	424.23	mg/m^3	17.34	C27H50ClN	S	
278	Benzylmagnesium chloride	6921-34-2	150.8903	mg/m^3	6.17	C7.H7.Cl.Mg	S in soln	
279	Benzyltrimethylammonium hydroxide; (Triton b)	100-85-6	167.28	mg/m^3	6.84	C10.H16.N.H.O	S	
280	**Beryllium**	**7440-41-7**	9.01	mg/m^3	0.37	Be	S	1287
281	Beryllium chloride	7787-47-5	79.91	mg/m^3	3.27	BeCl2	S crystals	415
282	Beryllium fluoride	7787-49-7	47.01	mg/m^3	1.92	BeF2	S crystals	552
283	Beryllium hydroxide	13327-32-7	43.03	mg/m^3	1.76	BeH2O2	S crystals	138-200 dec
284	Beryllium nitrate	13597-99-4	187.07	mg/m^3	7.65	BeH6N2O9	S crystals	~30

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
263	Benzotriazole	95-14-7	204 @ 15mm					10/11/05	07/24/13	01/16/12
264	Benzotrifluoride	98-08-8	102.1	38.83	25	1.189 @ 20°C		06/13/02	03/06/15	12/31/11
265	**Benzoyl chloride**	**98-88-4**	197	1	32.1	1.22 @ 15°C	11000	06/13/02	03/06/15	
266	Benzoyl peroxide	94-36-0	dec expls			1.334		08/07/98	10/14/13	12/06/11
267	Benzyl acetate	140-11-4	213	0.177	25	1.05		07/11/07	07/24/13	05/24/12
268	Benzyl alcohol	100-51-6	205.31	7.5x10-3	28	1.0419 @ 24°C		09/30/97	03/06/15	09/06/12
269	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7						07/11/07	07/24/13	05/24/12
270	Benzyl benzoate	120-51-4	324	0.00022	25	1.116		10/11/05	07/24/13	12/31/11
271	**Benzyl chloride**	**100-44-7**	179	0.75	17.7	1.1004 @ 20°C	11000	12/30/95	03/06/15	
272	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	152	7	85-87	1.2166 @ 20°C		07/11/07	02/17/15	12/31/11
273	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	233.5	1	60	1.0214 @ 15°C		06/13/02	07/24/13	12/31/11
274	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	221	0.4137	25	1.3723 @ 20°C		12/30/95	07/24/13	12/31/11
275	Benzylamine	100-46-9	185	0.653	25	0.983 @ 19°C		10/11/05	07/24/13	12/31/11
276	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	181			0.915 @ 10°C		10/11/05	07/24/13	07/24/13
277	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	120 dec					01/04/99	07/24/13	12/31/11
278	Benzylmagnesium chloride	6921-34-2				0.794		07/11/07	10/09/13	12/31/11
279	Benzyltrimethylammonium hydroxide; (Triton b)	100-85-6	15					07/11/07	10/09/13	06/06/12
280	**Beryllium**	**7440-41-7**	2471	10	1860	1.85		10/31/92	04/08/14	12/07/11
281	Beryllium chloride	7787-47-5	482	1	291	1.9		06/13/02	02/04/14	02/04/14
282	Beryllium fluoride	7787-49-7	1283			2.1 @ 20°C		06/13/02	02/04/14	02/04/14
283	Beryllium hydroxide	13327-32-7				1.92		07/09/97	02/04/14	12/07/11
284	Beryllium nitrate	13597-99-4	142 dec			1.56 @ 20°C		07/09/97	02/04/14	12/07/11

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285	Beryllium oxide	1304-56-9	25.01	mg/m^3	1.02	BeO	S crystals	2578
286	Betaine, anhydrous; (Glycine betaine)	107-43-7	117.17	mg/m^3	4.79	C5.H11.N.O2	S	>300 dec
287	Bicyclo(2.2.1)heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-, (1S-(1-alpha,2-beta,4-alpha,5-alpha,6E))-; (Tranid)	15271-41-7	241.7	mg/m^3	9.88	C10.H12.Cl.N3.O2	S	
288	Bioxirane, 2,2'-; (1,2:3,4-Diepoxybutane)	1464-53-5	86.1	ppm	3.52	C4.H6.O2	L	19
289	Biphenylol, 4-	92-69-3	170.22	mg/m^3	6.96	C12.H10.O	S	164-165
290	Biphenylol, sodium salt, 2-	132-27-4	192.2	mg/m^3	7.86	C12H9NaO	S	
291	Bis(1,1-dimethylethyl)-4-ethylphenol, 2,6-	4130-42-1	234.38	mg/m^3	9.58	C16.H26.O	S	44
292	Bis(1,1-dimethylethyl)-4-methylphenol, 2,6-; (BHT (food grade); 2,6-Di-tert-butyl-p-cresol)	128-37-0	220.39	mg/m^3	9.01	C15H24O	S	68
293	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	162.27	mg/m^3	6.63	C12H18	L	-17
294	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	162.3	mg/m^3	6.63	C12H18	L	
295	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	202.28	mg/m^3	8.27	C1.0.H18.O4	L	
296	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	218.38	ppm	8.93	C12.H26.O3	L	-60-2
297	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8	263.26	mg/m^3	10.76	C8H16Cl2OS2	L?	
298	Bis(2-chloroethoxy)ethane, 1,2-; (Triglycol dichloride)	112-26-5	187.08	mg/m^3	7.65	C6.H12.Cl2.O2	L	-31.5
299	**Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)**	**505-60-2**	159.08	ppm	6.50	C4H8Cl2S	L	13-14
300	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8	219.2	mg/m^3	8.96	C6.H12.Cl2.S2		
301	Bis(2-chloroethylthio)methane	63869-13-6	205.16	mg/m^3	8.39	C5.H10.Cl2.S2		
302	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7	247.24	mg/m^3	10.11	C8.H16.Cl2.S2		
303	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8	261.27	mg/m^3	10.68	C9.H18.Cl2.S2		
304	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2	233.21	mg/m^3	9.53	C7.H14.Cl2.S2		
305	Bis(2-chloroethylthiomethyl)ether	63918-90-1	235.19	mg/m^3	9.61	C6.H12.Cl2.O.S2		

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
285	Beryllium oxide	1304-56-9	~3900			3.01		06/13/02	02/04/14	02/14/12
286	Betaine, anhydrous; (Glycine betaine)	107-43-7						07/11/07	07/24/13	05/24/12
287	Bicyclo(2.2.1)heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-, (1S-(1-alpha,2-beta,4-alpha,5-alpha,6E))-; (Tranid)	15271-41-7						12/08/02	09/06/12	09/06/12
288	Bioxirane, 2,2'-; (1,2:3,4-Diepoxybutane)	1464-53-5	142	16	25	1.113 @ 18°C		06/13/02	07/24/13	12/31/11
289	Biphenylol, 4-	92-69-3	305-308			1.27		10/11/05	07/24/13	05/24/12
290	Biphenylol, sodium salt, 2-	132-27-4						03/01/00	07/24/13	07/24/13
291	Bis(1,1-dimethylethyl)-4-ethylphenol, 2,6-	4130-42-1	272					12/08/02	11/18/13	11/18/13
292	Bis(1,1-dimethylethyl)-4-methylphenol, 2,6-; (BHT (food grade); 2,6-Di-tert-butyl-p-cresol)	128-37-0	265			1.048 @ 20°C		12/08/02	10/18/13	10/18/13
293	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	210.3	7.5x10-2	18	0.8568 @ 20°C		09/30/97	07/24/13	12/31/11
294	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	205	0.25-0.39	25	0.9 No Temp		12/08/02	03/06/15	12/31/11
295	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	266			1.049		10/11/05	07/24/13	12/31/11
296	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	256			0.8853 @ 20°C		10/11/05	07/24/13	12/31/11
297	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8						01/04/99	07/24/13	12/31/11
298	Bis(2-chloroethoxy)ethane, 1,2-; (Triglycol dichloride)	112-26-5	241.3	0.06	20	1.197		07/11/07	07/24/13	12/31/11
299	**Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)**	**505-60-2**	215-217	0.11	25	1.27 @ 20°C		01/04/99	02/12/15	10/11/05
300	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8						10/11/05	01/15/14	01/15/14
301	Bis(2-chloroethylthio)methane	63869-13-6						10/11/05	01/15/14	01/15/14
302	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7						10/11/05	01/15/14	01/15/14
303	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8						10/11/05	01/15/14	01/15/14
304	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2						10/11/05	01/15/14	01/15/14
305	Bis(2-chloroethylthiomethyl)ether	63918-90-1						10/11/05	01/15/14	01/15/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
306	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	162.26	mg/m^3	6.63	C8H18O3	L	-44
307	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	322.48	mg/m^3	13.18	C16H35O4P	L	
308	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1	398.58	mg/m^3	16.29	C22.H39.O4.P	S	
309	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1	287.5	ppm	11.75	C16H33NO3	S	36.7
310	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0	310.43	mg/m^3	12.69	C24H22	S	180
311	Bis(3-tert-butyl-4-hydroxy-6-methylphenyl) sulfide; (4,4'-Thiobis(6-tert-butyl-m-cresol))	96-69-5	358.5378	mg/m^3	14.65	C22H30O2S	S	150
312	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	126.97	mg/m^3	5.19	C3.H4.Cl2O	S	45
313	Bis(chloromethyl)oxetane, 3,3-	78-71-7	155.03	mg/m^3	6.34	C5.H8.Cl2O	L	18.7
314	Bis(dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2	265.39	mg/m^3	10.85	C17.H19.N3	S	180-181
315	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	214.11	mg/m^3	8.75	C8.H4.O6	L	
316	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5	282.3362	mg/m^3	11.54	C11.H26.N2.O6	S	164
317	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3		mg/m^3		[Unknown]	S	
318	Bisbutenylenetetrahydrofurfural; (2,3,4,5-Bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	204.29	mg/m^3	8.35	C13H16O2	L	-80
319	Bismuth	7440-69-9	208.98	mg/m^3	8.54	Bi	S	271.3
320	Bismuth acetate	22306-37-2	386.111	mg/m^3	15.78	Bi.C6.H9.O6	S	250
321	Bismuth germanate	12233-73-7	297.59	mg/m^3	12.16	BiGeO		
322	Bismuth hydroxide	10361-43-0	260	mg/m^3	10.63	BiH3O3	S	
323	Bismuth hydroxide nitrate oxide; (White paint)	1304-85-4	1461.99	mg/m^3	59.75	Bi5H9N4O22	S	260 decom
324	Bismuth iodide	7787-64-6	589.6939	mg/m^3	24.10	Bi.I3	S	408
325	Bismuth nitrate	10361-44-1	395.01	mg/m^3	16.14	BiN3O9	S	30
326	Bismuth oxide	1304-76-3	465.96	mg/m^3	19.04	Bi2O3	S	825
327	Bismuth oxychloride; (Bismuth chloride oxide)	7787-59-9	260.43	mg/m^3	10.64	BiClO	S	

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
306	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	189	0.52	25	0.9082 @ 20°C		01/04/99	07/24/13	12/31/11
307	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	155.015			0.97525		08/07/98	12/13/13	12/06/11
308	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1						10/11/05	07/24/13	12/31/11
309	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1						12/08/02	07/24/13	12/31/11
310	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0						07/09/97	07/24/13	12/31/11
311	Bis(3-tert-butyl-4-hydroxy-6-methylphenyl) sulfide; (4,4'-Thiobis(6-tert-butyl-m-cresol))	96-69-5				1.10		12/08/02	07/24/13	03/16/11
312	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	173			1.3826 @ 46°C		12/08/02	07/24/13	12/31/11
313	Bis(chloromethyl)oxetane, 3,3-	78-71-7	200	0.5	25	1.4		12/08/02	12/02/13	12/02/13
314	Bis(dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2						10/11/05	07/24/13	07/18/12
315	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	116			1.378		10/11/05	07/24/13	12/31/11
316	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5						10/11/05	07/24/13	12/31/11
317	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3						10/11/05	07/24/13	12/31/11
318	Bisbutenylenetetrahydrofurfural; (2,3,4,5-Bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	307			1.10 @ 20°C		04/14/04	07/24/13	12/31/11
319	Bismuth	7440-69-9	1564	78	1266	9.8		01/04/99	07/24/13	12/06/11
320	Bismuth acetate	22306-37-2						10/11/05	07/24/13	12/31/11
321	Bismuth germanate	12233-73-7						08/07/98	03/30/15	03/30/15
322	Bismuth hydroxide	10361-43-0						12/08/02	10/15/13	07/24/13
323	Bismuth hydroxide nitrate oxide; (White paint)	1304-85-4	260			4.928		09/30/97	07/24/13	07/0512
324	Bismuth iodide	7787-64-6	ca. 500			5.778		10/11/05	10/10/13	12/31/11
325	Bismuth nitrate	10361-44-1	80 dec			2.83		08/07/98	07/24/13	12/06/11
326	Bismuth oxide	1304-76-3	1890			8.9		01/04/99	07/24/13	12/31/11
327	Bismuth oxychloride; (Bismuth chloride oxide)	7787-59-9	dec			7.7 @ 20°C		12/08/02	07/24/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
328	Bismuth(III) nitrate, pentahydrate	10035-06-0	485.0711	mg/m^3	19.83	Bi.H10.N3.O14	S	75
329	Bisphenol A diglycidyl ether	1675-54-3	340.45	mg/m^3	13.91	C21H24O4	L	11-Aug
330	Bisphenol A; (4,4'-Isopropylidenediphenol)	80-05-7	228.29	mg/m^3	9.33	C15H16O2	S	153
331	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9	192.26	mg/m^3	7.86	C8.H4.N2.S2	S	132
332	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110	1149.516	mg/m^3	46.98	C72.H92.O12	S	80
333	Borane methyl sulfide complex; (Methyl sulfide complex with borane (1:1))	13292-87-0	75.98	ppm	3.11	C2.H6.S.B.H3	L	-27
334	Borane-tetrahydrofuran	14044-65-6	85.93	mg/m^3	3.51	C4H11BO	L	
335	Borate	14213-97-9	58.81	mg/m^3	2.40	B.O3	S	
336	Boric acid	10043-35-3	61.84	mg/m^3	2.53	B.H3.O3	S	170.9
337	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	230.2	ppm	9.41	C12.H27.B.O3	L	<-70
338	Boron	7440-42-8	10.81	mg/m^3	0.44	B	S	2075
339	Boron carbide	12069-32-8	55.26	mg/m^3	2.26	B4.C	S	2350
340	Boron oxide	1303-86-2	69.62	mg/m^3	2.85	B2O3	S	450
341	**Boron tribromide**	**10294-33-4**	250.54	ppm	10.24	BBr3	L	-46
342	Boron trichloride	10294-34-5	117.16	ppm	4.79	BCl3	L	-107
343	**Boron trifluoride**	**7637-07-2**	67.81	mg/m^3	2.77	BF3	G	-126.8
344	Boron trifluoride dihydrate	13319-75-0	103.85	mg/m^3	4.24	B.F3. 2(H2.O)	L	
345	Boron trifluoride etherate	109-63-7	141.93	mg/m^3	5.80	C4H10BF3O	L	-60.4
346	Boron trifluoride-dimethyl ether	353-42-4	113.89	mg/m^3	4.65	C2H6BF3O	L	-14
347	Botulinum toxin-A; (includes Type B (93384-44-2) and Type F (107231-15-2))	93384-43-1	900 kDa	mg/m^3			S powder	
348	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	9002-92-0		mg/m^3		(C2.H4.O)n.C12.H26.O	L	40-42
349	Brilliant blue; (Acid blue 9)	2650-18-2	783.01	mg/m^3	32.00	C37.H36.N2.O9.S3-2(N.H3)	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
328	Bismuth(III) nitrate, pentahydrate	10035-06-0				2.83		10/11/05	07/24/13	07/24/13
329	Bisphenol A diglycidyl ether	1675-54-3		1.1x10-7	25	1.16 @ 20°C		03/01/00	05/31/13	05/31/13
330	Bisphenol A; (4,4'-Isopropylidenediphenol)	80-05-7	220 @ 4mmHg	3.91x10-7	25	1.195		08/21/96	07/25/13	10/08/12
331	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9						12/08/02	09/13/12	09/13/12
332	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110						12/08/02	07/25/13	12/31/11
333	Borane methyl sulfide complex; (Methyl sulfide complex with borane (1:1))	13292-87-0	~34			0.789		07/11/07	07/25/13	12/31/11
334	Borane-tetrahydrofuran	14044-65-6	> 69			0.898		04/14/04	11/18/13	11/18/13
335	Borate	14213-97-9						07/11/07	10/14/13	12/31/11
336	Boric acid	10043-35-3		1.6x10-6	25	1.435		12/30/95	05/30/13	05/30/13
337	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	230			0.847 @ 20°C		10/11/05	10/10/13	12/31/11
338	Boron	7440-42-8	4000	0.0119	2140	2.45		09/30/97	02/09/013	02/09/13
339	Boron carbide	12069-32-8	> 3500			2.5		12/30/95	02/09/13	02/09/13
340	Boron oxide	1303-86-2	1500			2.46		08/07/98	10/15/13	12/06/11
341	**Boron tribromide**	**10294-33-4**	91.3	40	14	2.650 @ 0°C		03/01/00	02/2/15	09/26/14
342	Boron trichloride	10294-34-5	12.5	1250	27	1.373 @ 0°C		01/04/99	10/10/13	03/06/12
343	**Boron trifluoride**	**7637-07-2**	-100	36560	-13.2	2.99		08/07/98	02/12/15	01/26/12
344	Boron trifluoride dihydrate	13319-75-0				1.6316		07/22/10	02/05/14	02/05/14
345	Boron trifluoride etherate	109-63-7	126			1.125 @ 20°C		04/14/04	02/10/14	02/10/14
346	Boron trifluoride-dimethyl ether	353-42-4	126-127	20	25	1.239		03/01/00	08/27/15	08/27/15
347	Botulinum toxin-A; (includes Type B (93384-44-2) and Type F (107231-15-2))	93384-43-1						09/10/08	02/03/15	02/03/15
348	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	9002-92-0				1.02 @ 20°C		07/11/07	07/25/13	01/17/12
349	Brilliant blue; (Acid blue 9)	2650-18-2						10/11/05	07/25/13	01/18/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
350	Bromadiolone	28772-56-7	527.11	mg/m^3	21.54	C30.H23.Br.O4	S	200-210
351	**Bromine**	**7726-95-6**	159.81	ppm	6.53	Br2	L	-7.2
352	**Bromine chloride**	**13863-41-7**	115.36	ppm	4.71	BrCl	S	
353	**Bromine pentafluoride**	**7789-30-2**	174.91	ppm	7.15	Br.F5	L fuming	-60.5
354	**Bromine trifluoride**	**7787-71-5**	136.91	ppm	5.60	BrF3	L	8.8
355	Bromo acetic acid, methyl ester	96-32-2	152.99	mg/m^3	6.25	C3.H5.Br.O2	L	
356	Bromo-1-chloro-5,5-dimethylhydantoin, 3-; (Bromo-1-chloro-5,5-dimethyl-2,4-imidazolidinedione, 3-)	126-06-7	241.47	mg/m^3	9.87	C5H6BrClN2O2	S	162
357	Bromo-2-chloro-1,1,2-trifluoroethane, 1-; (1,1,2-Trifluoro-1-bromo-2-chloroethane)	354-06-3	197.39	ppm	8.07	C2HBrClF3	G	-168
358	Bromo-3-chloro-5,5-dimethylhydantoin, 1-; (1-Bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione)	16079-88-2	241.49	mg/m^3	9.87	C5H6BrClN2O2	S	163-164
359	Bromo-3-methylbutane, 1-	107-82-4	151.05	ppm	6.17	C5.H11.Br	L	-112
360	Bromoacetaldehyde diethyl acetal	2032-35-1	197.07	mg/m^3	8.05	C6.H13.Br.O2	S	
361	Bromoacetic acid	79-08-3	138.96	mg/m^3	5.68	C2.H3.O2.Br	S hygr	50
362	**Bromoacetone**	**598-31-2**	136.98	ppm	5.60	C3H5BrO	L	-36.5
363	Bromoanisole, 3-; (1-Bromo-3-methoxybenzene)	2398-37-0	187.03	mg/m^3	7.64	C7.H7.Br. O	S	
364	Bromobenzene; (Phenyl bromide)	108-86-1	157.01	ppm	6.42	C6H5Br	L	-30.72
365	Bromochlorobenzene, m-	108-37-2	191.45	mg/m^3	7.82	C6H4BrCl	L	-21.5
366	Bromochlorobenzene, p-	106-39-8	191.45	mg/m^3	7.82	C6H4BrCl		68
367	Bromochloromethane	74-97-5	129.39	ppm	5.29	CH2BrCl	L	-88
368	Bromocresol green; (Phenol, 4,4'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-])	76-60-8	698.05	mg/m^3	28.53	C21H14Br4O5S	L	218.5
369	Bromocresol purple; (Phenol, 4,4'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-6-methyl-])	115-40-2	540.222	mg/m^3	22.08	C21H16Br2O5S	S crystals	241.5
370	Bromocyclohexanol, cis-2-	16536-57-5	179.0563	ppm	7.32	C6.H11.Br.O		
371	Bromodecane, 1-	112-29-8	221.22	ppm	9.04	C10.H21.Br	L	-29.2

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
350	Bromadiolone	28772-56-7						12/08/02	07/25/13	01/18/12
351	**Bromine**	**7726-95-6**	58.8	75	2.5	3.1028		11/30/92	02/12/15	
352	**Bromine chloride**	**13863-41-7**						12/08/02	02/13/15	09/25/14
353	**Bromine pentafluoride**	**7789-30-2**	40.5	328	20	2.466		12/08/02	02/12/15	11/17/14
354	**Bromine trifluoride**	**7787-71-5**	127	18	39	2.84		06/13/02	02/12/15	
355	Bromo acetic acid, methyl ester	96-32-2	145			1.616		10/11/05	07/25/13	12/31/11
356	Bromo-1-chloro-5,5-dimethylhydantoin, 3-; (Bromo-1-chloro-5,5-dimethyl-2,4-imidazolidinedione, 3-)	126-06-7		6.6x10-6	25			11/15/96	07/25/13	12/31/11
357	Bromo-2-chloro-1,1,2-trifluoroethane, 1-; (1,1,2-Trifluoro-1-bromo-2-chloroethane)	354-06-3	52.5	>760	20	1.86		08/07/98	07/25/13	12/06/11
358	Bromo-3-chloro-5,5-dimethylhydantoin, 1-; (1-Bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione)	16079-88-2		6.61x10-6	25			11/15/96	07/25/13	12/31/11
359	Bromo-3-methylbutane, 1-	107-82-4	120-121			1.207		07/11/07	07/25/13	12/31/11
360	Bromoacetaldehyde diethyl acetal	2032-35-1	170-172			1.31		07/11/07	10/15/13	10/15/13
361	Bromoacetic acid	79-08-3	208					07/11/07	07/25/13	12/31/11
362	**Bromoacetone**	**598-31-2**	138	9	20	1.634 @ 23°C		10/31/92	02/12/15	01/21/10
363	Bromoanisole, 3-; (1-Bromo-3-methoxybenzene)	2398-37-0	211			1.49		07/11/07	07/25/13	12/31/11
364	Bromobenzene; (Phenyl bromide)	108-86-1	156.06	7.5	34.9	1.495 @ 20°C		09/30/97	03/06/15	12/31/11
365	Bromochlorobenzene, m-	108-37-2	196			1.6302 @ 20°C		09/30/97	08/21/14	08/21/14
366	Bromochlorobenzene, p-	106-39-8	196			1.576 @ 71°C		08/07/98	08/21/14	08/21/14
367	Bromochloromethane	74-97-5	67.8	142	25	1.93 @ 20°C		01/04/99	03/06/15	09/13/12
368	Bromocresol green; (Phenol, 4,4'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-])	76-60-8						01/04/99	07/25/13	12/09/11
369	Bromocresol purple; (Phenol, 4,4'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-6-methyl-])	115-40-2		1.15x10E-15	25			01/04/99	10/31/13	07/25/13
370	Bromocyclohexanol, cis-2-	16536-57-5				1.4604 @ 20°C		12/08/02	12/03/12	12/03/12
371	Bromodecane, 1-	112-29-8	240.6			1.0702 @ 20°C		07/11/07	07/25/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
372	Bromodichloromethane	75-27-4	163.83	mg/m^3	6.70	CHBrCl2	L	-57.1
373	Bromododecane, 1-	143-15-7	249.23	mg/m^3	10.19	C12.H25.Br	L	-11 to -9
374	Bromoethane; (Ethyl bromide)	74-96-4	108.98	ppm	4.45	C2.H5.Br	L	-119
375	Bromoethanol, 2-; (Ethylene bromohydrin)	540-51-2	124.98	mg/m^3	5.11	C2.H5.Br.O	L	
376	Bromoethylmagnesium	925-90-6	133.27	mg/m^3	5.45	C.H3.C.H2.Mg.Br	S	
377	Bromofluorobenzene, 4-; (p-Fluorobromobenzene)	460-00-4	175.01	mg/m^3	7.15	C6.H4.Br.F	L	-17.4
378	Bromoform; (Tribromomethane)	75-25-2	252.73	ppm	10.33	CHBr3	L	8.69
379	Bromohexane; (n-Hexyl bromide)	111-25-1	165.1	ppm	6.75	C6.H13.Br	L	-84.7
380	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	199.087	mg/m^3	8.14	C9.H11.Br	L	-1
381	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	167	mg/m^3	6.83	C4.H7.Br.O2	L	
382	Bromonaphthalene	90-11-9	207.08	mg/m^3	8.46	C10H7Br	L	6.1
383	Bromonitromethane	563-70-2	139.95	mg/m^3	5.72	Br.C.H2.N.O2	L	
384	Bromooctane , 1-; (Octyl bromide)	111-83-1	193.16	ppm	7.89	C8.H17.Br	L	-55
385	Bromophenol blue; (Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis(2,6-dibromo-, S,S-dioxide))	115-39-9	669.99	mg/m^3	27.38	C19.H10.Br4.O5.S	S	279 dec
386	Bromophenyl phenyl ether, 4-	101-55-3	249.11	mg/m^3	10.18	C12.H9.Br.O	L	18.72
387	Bromopropane, 1-	106-94-5	123.01	ppm	5.03	C3H7Br	L	-110
388	Bromopropane, 2-	75-26-3	122.98	ppm	5.03	C3.H7.Br	L	-89
389	Bromopyrene, 3-	1714-29-0	281.1511	mg/m^3	11.49	C16.H9.Br	S	
390	Bromosuccinimide, N-	128-08-5	178	mg/m^3	7.28	C4.H4.Br.N.O2	S	174
391	Bromothymol blue; (Dibromothymolsulfonphthalein)	76-59-5	624.43	mg/m^3	25.52	C27.H28.Br2.O5.S	S	201
392	Bromotoluene, A-; (Benzyl bromide)	100-39-0	171.05	mg/m^3	6.99	C7.H7.Br	L	3
393	Bromotrichloromethane	75-62-7	198.27	ppm	8.10	Br.C.Cl3	L	-5.8

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
372	Bromodichloromethane	75-27-4	88.5	50	20	1.98 @ 20°C		01/04/99	07/25/13	12/31/11
373	Bromododecane, 1-	143-15-7	145 @ 15			1.038		07/11/07	10/09/13	10/09/13
374	Bromoethane; (Ethyl bromide)	74-96-4	38.4	400	21	1.451 @ 20°C	68000	10/11/05	03/06/15	12/31/11
375	Bromoethanol, 2-; (Ethylene bromohydrin)	540-51-2	150			1.7629 @ 20°C		07/11/07	07/25/13	12/31/11
376	Bromoethylmagnesium	925-90-6				1.02		07/11/07	10/09/13	12/31/11
377	Bromofluorobenzene, 4-; (p-Fluorobromobenzene)	460-00-4	151.5			1.593 @ 15°C		07/11/07	07/25/13	12/31/11
378	Bromoform; (Tribromomethane)	75-25-2	149.1	7.5	30.5	2.8788		12/30/95	07/20/14	07/20/14
379	Bromohexane; (n-Hexyl bromide)	111-25-1	155.3			1.1744 @ 20°C		07/11/07	07/25/13	12/31/11
380	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	225			1.301		07/11/07	07/25/13	12/31/11
381	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	80-82 @ 27 mm			1.613		07/11/07	10/09/13	12/31/11
382	Bromonaphthalene	90-11-9	281			1.48 @ 20°C		08/07/98	07/25/13	12/06/11
383	Bromonitromethane	563-70-2	146-148			2.007		07/11/07	11/14/14	12/31/11
384	Bromooctane , 1-; (Octyl bromide)	111-83-1	201.5			1.11		07/11/07	07/25/13	12/31/11
385	Bromophenol blue; (Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis(2,6-dibromo-, S,S-dioxide))	115-39-9						07/11/07	07/25/13	12/31/11
386	Bromophenyl phenyl ether, 4-	101-55-3	310.1	0.0015	20	1.6088 @ 20°C		06/13/02	07/25/13	12/31/11
387	Bromopropane, 1-	106-94-5	71	110.8	18	1.35 @ 20°C	46000	01/04/99	04/09/14	04/09/14
388	Bromopropane, 2-	75-26-3	59.35	216	25	1.31 @ 20°C		10/11/05	07/25/13	12/31/11
389	Bromopyrene, 3-	1714-29-0						10/11/05	07/25/13	12/31/11
390	Bromosuccinimide, N-	128-08-5				2.098		10/11/05	07/25/13	12/31/11
391	Bromothymol blue; (Dibromothymolsulfonphthalein)	76-59-5						10/11/05	07/25/13	12/31/11
392	Bromotoluene, A-; (Benzyl bromide)	100-39-0	201	0.45	25	1.738		10/11/05	07/25/13	12/31/11
393	Bromotrichloromethane	75-62-7	104.2	39	25	2.012		10/11/05	07/25/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
394	Bromotrifluoroethylene	598-73-2	160.94	ppm	6.58	C2BrF3	G	
395	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	148.91	ppm	6.09	BrCF3	G	-172
396	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	153.09	mg/m^3	6.26	(C.H3)3.Si.Br	L	
397	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	394.46	mg/m^3	16.12	C23H26N2O4	S	178
398	**Butadiene, 1,3-**	**106-99-0**	54.09	ppm	2.21	C4H6	G	-108.91
399	Butanaminium, N,N,N-tributyl-1-, bromide; (Tetrabutylammonium bromide)	1643-19-2	322.44	mg/m^3	13.18	C16.H36.N.Br	S	102-104
400	**Butane**	**106-97-8**	58.14	ppm	2.38	C4H10	G	-138.3
401	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	174.22	ppm	7.12	C.8.H14.O4	L	-21
402	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	146.16	ppm	5.97	C6.H10.O4	L	19.5
403	Butanediol dinitrate, 1,4-	3457-91-8	180	ppm	7.36	C4H8N2O6	L	
404	Butanediol, 1,3-	107-88-0	90.18	mg/m^3	3.69	C4H10O2	L	-77
405	Butanediol, 1,4-; (1,4-Tetramethylene glycol)	110-63-4	90.14	mg/m^3	3.68	C4H10O2	L	16
406	Butanedione, 2,3-; (Diacetyl)	431-03-8	86.1	mg/m^3	3.52	C.H3.C.O.C.O.C.H3	L	-2.4
407	Butanenitrile; (Butyronitrile)	109-74-0	69.12	ppm	2.83	C4.H7.N	L	-112.6
408	Butanephosphonic acid	3321-64-0	138.1	mg/m^3	5.64	C4.H11.O3.P		
409	Butanethiol; (n-Butyl mercaptan)	109-79-5	90.19	ppm	3.69	C4H10S	L	-115.7
410	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	144.24	ppm	5.90	C8.H16.O2	L	
411	Butanol, aluminum salt, 2-	2269-22-9	246.322	mg/m^3	10.07	C12.H27.Al.O3	L	
412	Butanol-d10, n-	34193-38-9	84.18	ppm	3.44	C.D3.(C.D2)2.C.D2.O.D	L	-90
413	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	87.14	ppm	3.56	C4H9NO	L	-29.5
414	**Butanone, 2-; (Methyl ethyl ketone; MEK)**	**78-93-3**	72.11	ppm	2.95	C4H8O	L	-86.64
415	Butene, 1-; (Butylene)	106-98-9	56.11	ppm	2.29	C4H8	G	-185.3

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
394	Bromotrifluoroethylene	598-73-2	-2.5					06/13/02	07/25/13	09/13/12
395	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	-57.8	750	-58.1	1.58 @ 20°C		11/30/92	09/14/09	12/31/11
396	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	79			1.16		07/11/07	10/09/13	12/31/11
397	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	470					12/30/95	07/25/13	12/31/11
398	**Butadiene, 1,3-**	**106-99-0**	-4.41	750	-4.7	0.6149	20000	11/30/92	02/13/15	11/13/06
399	Butanaminium, N,N,N-tributyl-1-, bromide; (Tetrabutylammonium bromide)	1643-19-2						10/11/05	07/25/13	12/31/11
400	**Butane**	**106-97-8**		1820	25	0.599	19000	01/04/99	02/26/15	02/26/15
401	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	217.7					12/08/02	03/06/15	12/31/11
402	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	195.3			1.1202 @ 18°C		12/08/02	03/06/15	12/31/11
403	Butanediol dinitrate, 1,4-	3457-91-8						12/08/02	04/30/15	04/30/15
404	Butanediol, 1,3-	107-88-0	207.5	0.06	20	1.006 @ 20°C		10/11/05	08/22/14	08/22/14
405	Butanediol, 1,4-; (1,4-Tetramethylene glycol)	110-63-4	230	0.0105	25	3.1	19500	04/14/04	03/06/15	08/22/14
406	Butanedione, 2,3-; (Diacetyl)	431-03-8	88	56.8	25	0.990 @ 15°C		07/11/07	08/22/13	08/22/13
407	Butanenitrile; (Butyronitrile)	109-74-0	117	19.5	25	0.796 @ 15°C	16500	12/08/02	07/25/13	07/18/12
408	Butanephosphonic acid	3321-64-0						12/08/02	05/12/15	11/22/13
409	Butanethiol; (n-Butyl mercaptan)	109-79-5	98.5	75	35.4	0.8416 @ 20°C		09/30/97	06/29/15	01/24/12
410	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	166			0.872 @ 20°C		12/08/02	07/25/13	12/31/11
411	Butanol, aluminum salt, 2-	2269-22-9	197 @ 20C					10/11/05	02/27/14	12/31/11
412	Butanol-d10, n-	34193-38-9	117.7	4	20	0.92	14000	07/11/07	03/30/15	03/30/15
413	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	152			0.923 @ 20°C		08/07/98	07/25/13	05/31/13
414	**Butanone, 2-; (Methyl ethyl ketone; MEK)**	**78-93-3**	79.59	75	21.2	0.7999	18000	12/30/95	02/26/15	02/26/15
415	Butene, 1-; (Butylene)	106-98-9	-6.3	2253	25	0.557	16000	06/13/02	08/21/14	09/14/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
416	Butene, 2-	107-01-7	56.11	ppm	2.29	C4H8	G	
417	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	56.11	ppm	2.29	C4H8	G	-138.9
418	Butene, trans-2-; (trans-1,2-Dimethylethylene)	624-64-6	56.11	ppm	2.29	C4H8	G	-105.5
419	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	160.21	ppm	6.55	C8H16O3	L	-63.5
420	Butoxyethanol phosphate, 2-	78-51-3	398.54	mg/m^3	16.29	C18H39O7P	L	-70
421	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	118.2	ppm	4.83	C6H14O2	L	-74.8
422	Butoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	162.26	ppm	6.63	C8H18O3	L	-68.1
423	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	203.33	mg/m^3	8.31	C9H17NO2S	L	
424	Butoxypolypropylene glycol	9003-13-8	2600	mg/m^3	106.27	(C3H6O)n.C4H10O	L	-48
425	**Butyl acetate, n-**	**123-86-4**	116.18	ppm	4.75	C6.H12.O2	L	-77
426	Butyl acetate, sec-	105-46-4	116.18	ppm	4.75	C6.H12.O2	L	-98.9
427	Butyl acetate, tert-	540-88-5	116.18	ppm	4.75	C6H12O2	L	
428	Butyl acetoacetate, tert-	1694-31-1	158.1968	mg/m^3	6.47	C8.H14.O3	L	
429	**Butyl acrylate, n-**	**141-32-2**	128.17	ppm	5.24	C7H12O2	L	-64.6
430	Butyl alcohol, n-; (n-Butanol)	71-36-3	74.12	ppm	3.03	C4H10O	L	-88.6
431	Butyl alcohol, sec-; (2-Butanol)	78-92-2	74.14	ppm	3.03	C4H10O	L	-89
432	Butyl alcohol, tert; (tert-Butanol)	75-65-0	74.14	ppm	3.03	C4H10O	L	25.5
433	Butyl bis(2-ethylhexyl)phosphate	z-0002	378.53	ppm	15.47	[Unknown]		
434	Butyl bromide, n-; (1-Bromobutane)	109-65-9	137.04	ppm	5.60	C4.H9.Br	L	-112.3
435	**Butyl chloroformate, n-**	**592-34-7**	136.58	ppm	5.58	C5.H9.Cl.O2	L	
436	**Butyl chloroformate, sec-**	**17462-58-7**	136.58	ppm	5.58	C5.H9.Cl.O2	L	
437	Butyl ether, n-; (Dibutyl ether)	142-96-1	130.26	ppm	5.32	C8H18O	L	-98

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
416	Butene, 2-	107-01-7		>760	25			03/01/00	03/06/15	12/31/11
417	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	3.7	1600	25	0.616	17000	06/13/02	08/21/14	08/21/14
418	Butene, trans-2-; (trans-1,2-Dimethylethylene)	624-64-6	0.8	1750	25	0.599	18000	06/13/02	08/21/14	09/14/12
419	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	192	0.375	20	0.9422 @ 20°C	8800	07/09/97	05/31/13	05/31/13
420	Butoxyethanol phosphate, 2-	78-51-3	200-230	0.03	150	1.02 @ 20°C		04/14/04	01/23/14	01/23/14
421	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	168.4	0.8	25	0.9012 @ 20°C	11000	07/09/97	07/25/13	09/17/12
422	Butoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	230.6	0.022	25	0.9553 @ 20°C	8500	01/04/99	03/06/15	09/20/12
423	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	120-125 @ 0.25mm					01/10/01	10/14/13	01/25/13
424	Butoxypolypropylene glycol	9003-13-8				0.973-0.990		04/14/04	07/25/13	12/31/11
425	**Butyl acetate, n-**	**123-86-4**	126	11.5	25	0.88	13000	06/13/02	03/06/15	
426	Butyl acetate, sec-	105-46-4	112	17	20	0.862-0.866 @ 20°C	17000	06/13/02	08/21/14	12/31/11
427	Butyl acetate, tert-	540-88-5	97.8	47	25	0.8593		06/13/02	03/06/15	12/31/11
428	Butyl acetoacetate, tert-	1694-31-1				0.954		10/11/05	10/31/14	12/31/11
429	**Butyl acrylate, n-**	**141-32-2**	145	7.5	30.4	0.8898 @ 20°C	17000	12/30/95	03/06/15	12/12/06
430	Butyl alcohol, n-; (n-Butanol)	71-36-3	117.73	7.5	28	0.8095 @ 20°C	14000	12/30/95	08/21/14	08/21/14
431	Butyl alcohol, sec-; (2-Butanol)	78-92-2	99.5	10	20	0.808 @ 20°C	17000	01/04/99	03/06/15	08/21/14
432	Butyl alcohol, tert; (tert-Butanol)	75-65-0	82.8	40	24.5	0.781	24000	01/04/99	03/10/15	05/04/12
433	Butyl bis(2-ethylhexyl)phosphate	z-0002						12/08/02	05/12/15	11/22/13
434	Butyl bromide, n-; (1-Bromobutane)	109-65-9	101.3	41.97	25	1.2586	26000	07/11/07	03/06/15	
435	**Butyl chloroformate, n-**	**592-34-7**	142			1.074		07/11/07	08/27/14	03/04/15
436	**Butyl chloroformate, sec-**	**17462-58-7**				1.074		07/11/07	02/17/15	12/31/11
437	Butyl ether, n-; (Dibutyl ether)	142-96-1	142	6.01	25	0.7689	15000	04/14/04	03/06/15	07/29/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
438	Butyl glycidyl ether, n-	2426-08-6	130.19	ppm	5.32	C7H14O2	L	
439	**Butyl isocyanate, n-**	**111-36-4**	99.13	ppm	4.05	C5H9NO	L	-75
440	Butyl isocyanate, tert-	1609-86-5	99.131	ppm	4.05	C5.H9.N.O	S	85.5
441	Butyl levulinate	2052-15-5	172.25	mg/m^3	7.04	C9.H16.O3	S	
442	Butyl lithium	109-72-8	64.06	mg/m^3	2.62	C4H9Li	L	-76
443	Butyl methyl-d3 ether, tert-	29366-08-3	91.16	ppm	3.73	C5.D3.H9.O	L	
444	Butyl perbenzoate, tert-	614-45-9	194.25	mg/m^3	7.94	C11.H14.O3	L	8
445	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	130.2	mg/m^3	5.32	C7H14O2	L	-89.6
446	Butyl-2-methylcyclopropane, T-1-	38851-70-6		mg/m^3		[Unknown]	L	
447	Butyl-3-iodo-2-propynylcarbamate	55406-53-6	281.11	mg/m^3	11.49	C8H12INO2	S	66
448	Butylamine, n-	109-73-9	73.16	ppm	2.99	C4.H11.N	L	-50
449	Butylamine, sec-; (inlcudes 513-49-5)	13952-84-6	73.16	ppm	2.99	C4H11N	L	-104
450	Butylamine, tert-	75-64-9	73.16	ppm	2.99	C4.H11.N	L	-67.5
451	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	134.21	ppm	5.49	C10H14	L	-87.85
452	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	134.22	ppm	5.49	C10H14	L	-82.7
453	Butylbenzene, tert-	98-06-6	134.22	ppm	5.49	C10H14	L	-57.8
454	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	140.268	ppm	5.73	C10H20	L	
455	Butylcyclohexanone, p-tert-	98-53-3	154.28	mg/m^3	6.31	C10H18O	S	49-50
456	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8	116.13	mg/m^3	4.75	C5.H8.O3		
457	Butyllithium, sec-	598-30-1	64.06	ppm	2.62	C4.H9.Li	L	17.22
458	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	166.24	mg/m^3	6.79	C10H14O2	S	52
459	**Butyltrichlorosilane**	**7521-80-4**	191.57	ppm	7.83	C4.H9.Cl3.Si	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
438	Butyl glycidyl ether, n-	2426-08-6	169	3.2	25	0.918 @ 20°C		08/21/96	03/06/15	08/19/13
439	**Butyl isocyanate, n-**	**111-36-4**	115	1.7X10+1	25	0.88 @ 20°C		10/31/92	02/09/15	01/07/14
440	Butyl isocyanate, tert-	1609-86-5				0.8670 @ 7°C		07/11/07	08/21/14	08/21/14
441	Butyl levulinate	2052-15-5	237.5			0.9735 @ 20°C		07/11/07	07/29/13	12/31/11
442	Butyl lithium	109-72-8				0.765		04/14/04	01/07/14	01/07/14
443	Butyl methyl-d3 ether, tert-	29366-08-3					16000	07/11/07	03/04/15	02/07/12
444	Butyl perbenzoate, tert-	614-45-9	112	0.33	50	1		12/08/02	07/29/13	06/13/12
445	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	145.4			0.893 @ 0°C		12/08/02	07/29/13	12/31/11
446	Butyl-2-methylcyclopropane, T-1-	38851-70-6						10/11/05	10/15/13	12/31/11
447	Butyl-3-iodo-2-propynylcarbamate	55406-53-6		5.25E-05	30	1.575		03/01/00	07/29/13	12/31/11
448	Butylamine, n-	109-73-9	78	92.9	25	0.7327 @ 20°C	17000	06/13/02	03/06/15	08/22/14
449	Butylamine, sec-; (inlcudes 513-49-5)	13952-84-6	63	178	25	0.724 @ 20°C		06/13/02	03/06/15	08/22/14
450	Butylamine, tert-	75-64-9	46.4	372	25	0.7	17000	06/13/02	03/06/15	08/22/14
451	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	183.31	0.75	21	0.8601 @ 20°C	8000	09/30/97	07/29/13	05/02/12
452	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	173.5	1.75	25	0.8580	8000	09/30/97	07/29/13	01/19/12
453	Butylbenzene, tert-	98-06-6	169.1	0.75	10	0.8665 @ 20°C	7000	09/30/97	07/29/13	01/17/12
454	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	101	2.9	37.7	0.8		06/13/02	03/06/15	11/18/13
455	Butylcyclohexanone, p-tert-	98-53-3	90-92 @ 9mm					08/07/98	07/29/13	12/06/11
456	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8						07/11/07	07/29/13	12/31/11
457	Butyllithium, sec-	598-30-1				0.769		07/11/07	01/07/14	01/07/14
458	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	285	0.0028	25	1.0496		08/07/98	07/29/13	12/31/11
459	**Butyltrichlorosilane**	**7521-80-4**	148.5			1.1606 @ 20°C		09/05/08	02/12/15	

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
460	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	86.09	mg/m^3	3.52	C4H6O2	S	50
461	Butyraldehyde	123-72-8	72.12	ppm	2.95	C4H8O	L	-96.86
462	Butyric acid, sodium salt	156-54-7	111.11	mg/m^3	4.54	C4.H8.O2.Na	S hygr.	250-253
463	Butyric acid; (n-Butyric acid)	107-92-6	88.12	ppm	3.60	C4H8O2	L	-5.1
464	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**	337.45	mg/m^3	13.79	C21.H23.N.O3	S	164
465	C.I. pigment red 53:1; (5-Chloro-2-((2-hydroxy-1-naphthyl)azo)-p-toluene sulfonic acid, barium salt)	5160-02-1	444.49	mg/m^3	18.17	C17.H12.Cl.N2.O4.S.1/2 Ba	S	343-345
466	C-18 Unsaturated fatty acid, dimers, reaction products with polyethylenepolyamines; (Versamid 140 polyamide resin; Versamid 125)	68410-23-1		mg/m^3		[Unspecified]	L	
467	Cacodylic acid; (Arsenic acid, dimethyl-)	75-60-5	138	mg/m^3	5.64	C2H7AsO2	S	195
468	**Cadmium**	**7440-43-9**	112.41	mg/m^3	4.59	Cd	S	321
469	Cadmium bromide	7789-42-6	272.22	mg/m^3	11.13	Br2Cd	S	570
470	Cadmium carbonate	513-78-0	172.41	mg/m^3	7.05	CCdO3	S	500 dec
471	Cadmium chloride	10108-64-2	183.32	mg/m^3	7.49	CdCl2	S crystals	568
472	Cadmium chloride hemipentahydrate; (Cadmium chloride, 5/2-hydrate)	7790-78-5	228.35	mg/m^3	9.33	Cd2.Cl4.H10.O5	S	568
473	Cadmium fluoride	7790-79-6	150.4	mg/m^3	6.15	CdF2	S crystals	1075
474	Cadmium hydroxide	21041-95-2	146.63	mg/m^3	5.99	CdH2O2	S	130 dec
475	Cadmium nitrate	10325-94-7	236.42	mg/m^3	9.66	CdN2O6	S	360
476	Cadmium nitrate tetrahydrate	10022-68-1	308.48	mg/m^3	12.61	CdH8N2O7	S	59.5
477	Cadmium nitrite	7790-83-2	204.41	mg/m^3	8.35	Cd.(N.O2)2	S	
478	Cadmium oxide	1306-19-0	128.41	mg/m^3	5.25	CdO	S	
479	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0	681.48	mg/m^3	27.85	Cd.C36.H72.O4	S	
480	Cadmium sulfate	10124-36-4	208.47	mg/m^3	8.52	CdO4S	S	1000

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
460	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	238	5.56X10-4	25	1.115 @ 20°C		09/30/97	06/07/13	06/07/13
461	Butyraldehyde	123-72-8	74.7	111	25	.802 @ 20°C	19000	01/04/99	03/06/15	03/17/14
462	Butyric acid, sodium salt	156-54-7				0.96		10/11/05	07/29/13	07/29/13
463	Butyric acid; (n-Butyric acid)	107-92-6	163.5	1.65	25	0.959	20000	01/04/99	12/05/11	12/05/11
464	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**		2.38E-10	25			09/05/08	02/12/15	02/12/15
465	C.I. pigment red 53:1; (5-Chloro-2-((2-hydroxy-1-naphthyl)azo)-p-toluene sulfonic acid, barium salt)	5160-02-1				1.66		07/11/07	10/15/13	12/31/11
466	C-18 Unsaturated fatty acid, dimers, reaction products with polyethylenepolyamines; (Versamid 140 polyamide resin; Versamid 125)	68410-23-1				0.97		04/14/04	07/29/13	12/31/11
467	Cacodylic acid; (Arsenic acid, dimethyl-)	75-60-5	> 200					12/30/95	01/28/14	01/28/14
468	**Cadmium**	**7440-43-9**	767	1	394	8.69		12/30/95	02/17/15	09/29/10
469	Cadmium bromide	7789-42-6	863			5.192		08/07/98	02/03/14	02/03/14
470	Cadmium carbonate	513-78-0				5.026		08/07/98	02/03/14	02/03/14
471	Cadmium chloride	10108-64-2	964	10	656	4.05		08/07/98	02/03/14	02/03/14
472	Cadmium chloride hemipentahydrate; (Cadmium chloride, 5/2-hydrate)	7790-78-5				3.327		10/11/05	02/03/14	02/03/14
473	Cadmium fluoride	7790-79-6	1750	1	1112	6.33 @ 20°C		08/07/98	02/03/14	02/03/14
474	Cadmium hydroxide	21041-95-2	132			4.79		09/30/97	02/03/14	02/03/14
475	Cadmium nitrate	10325-94-7	132			3.6		07/09/97	02/03/14	02/03/14
476	Cadmium nitrate tetrahydrate	10022-68-1				2.45		09/30/97	02/03/14	02/03/14
477	Cadmium nitrite	7790-83-2						12/08/02	02/03/14	02/03/14
478	Cadmium oxide	1306-19-0	1559 subl	7.5x10-3	770	8.15		09/30/97	02/04/14	02/04/14
479	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0						06/13/02	02/03/14	02/03/14
480	Cadmium sulfate	10124-36-4				4.691		08/07/98	02/03/14	02/03/14

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481	Cadmium sulfate, hydrate	7790-84-3	256.51	mg/m^3	10.48	CdH16O12S	S crystals	105
482	Cadmium sulfide	1306-23-6	144.46	mg/m^3	5.90	Cd.S	S	1750
483	Cadmium tungstate	7790-85-4	360.26	mg/m^3	14.72	CdO4W	S	
484	Cadmium(II) acetate	543-90-8	230.5	mg/m^3	9.42	C4H6CdO4	S	255
485	Calcium acetate	62-54-4	158.18	mg/m^3	6.47	C4.H6.O4.Ca	S	
486	Calcium arsenate	7778-44-1	398.08	mg/m^3	16.27	As2Ca3O8	S	1.455
487	Calcium carbide	75-20-7	64.1	mg/m^3	2.62	C2Ca	S	2300
488	Calcium chloride	10043-52-4	110.98	mg/m^3	4.54	CaCl2	S crystals	775
489	Calcium chloride dihydrate	10035-04-8	147.02	mg/m^3	6.01	CaCl2H4O2	S	175 dec
490	Calcium chloride hexahydrate	7774-34-7	219.08	mg/m^3	8.95	CaCl2 6H2O	S crystals	30
491	Calcium chloride hydrate	22691-02-7	129	mg/m^3	5.27	Ca.Cl2.H2.O	S	
492	Calcium chromate	13765-19-0	156.07	mg/m^3	6.38	CaCrO4	S	1000
493	Calcium cyanamide	156-62-7	80.1	mg/m^3	3.27	CCaN2	S	~1340
494	**Calcium cyanide**	**592-01-8**	92.12	mg/m^3	3.77	Ca(CN)2	S	
495	Calcium fluoride	7789-75-5	78.08	mg/m^3	3.19	CaF2	S	1418
496	Calcium formate	544-17-2	130.11	mg/m^3	5.32	C2CaH2O4	S	300 dec
497	Calcium hydride	7789-78-8	42.24	mg/m^3	1.73	CaH2	S	816 in H2O
498	Calcium hydroxide	1305-62-0	74.1	mg/m^3	3.03	CaH2O2	S	580 dec
499	Calcium hydroxide phosphate; (Calcium phosphate tribasic)	12167-74-7	1004.64	mg/m^3	41.06	10.(Ca.O).3.(P2.O5).H2.O	S	1670
500	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3	142.98	mg/m^3	5.84	**CaCl2O2**	S	100
501	Calcium metasilicate	10101-39-0	116.17	mg/m^3	4.75	Ca.Si.O3	S	
502	Calcium monohydrogen phosphate dihydrate	7789-77-7	136.06	mg/m^3	5.56	Ca.H.P.O4.2(H2.O)	S	36

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
481	Cadmium sulfate, hydrate	7790-84-3				3.79 @ 20°C		10/11/05	02/03/14	02/03/14
482	Cadmium sulfide	1306-23-6				4.83		10/11/05	02/03/14	02/03/14
483	Cadmium tungstate	7790-85-4				8		08/07/98	02/03/14	02/03/14
484	Cadmium(II) acetate	543-90-8				2.341		08/07/98	02/03/14	02/03/14
485	Calcium acetate	62-54-4				1.5		10/11/05	02/14/14	01/03/12
486	Calcium arsenate	7778-44-1				3.62		12/08/02	01/27/14	12/31/11
487	Calcium carbide	75-20-7				2.222		06/13/02	02/14/14	02/14/14
488	Calcium chloride	10043-52-4	1,935			2.152		08/07/98	02/14/14	02/14/14
489	Calcium chloride dihydrate	10035-04-8				1.85 @ 20°C		12/08/02	04/01/14	04/01/14
490	Calcium chloride hexahydrate	7774-34-7				1.71		07/11/07	02/14/14	02/14/14
491	Calcium chloride hydrate	22691-02-7						07/11/07	02/14/14	07/29/13
492	Calcium chromate	13765-19-0				2.89 no temp		03/01/00	03/06/15	03/06/15
493	Calcium cyanamide	156-62-7	subl			2.29		09/30/97	02/14/14	02/14/14
494	**Calcium cyanide**	**592-01-8**				1.853 @ 20°C		09/29/10	02/17/15	
495	Calcium fluoride	7789-75-5	2500			3.18		08/07/98	07/29/13	07/29/13
496	Calcium formate	544-17-2				2.02		08/07/98	03/30/15	03/30/15
497	Calcium hydride	7789-78-8	675dec			1.7		01/10/01	02/14/14	10/10/13
498	Calcium hydroxide	1305-62-0				2.343		08/07/98	07/29/13	12/06/11
499	Calcium hydroxide phosphate; (Calcium phosphate tribasic)	12167-74-7				3.14 @ 20°C		10/11/05	02/14/14	02/14/14
500	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3				2.35		07/09/97	02/14/14	02/14/14
501	Calcium metasilicate	10101-39-0						10/11/05	04/01/14	12/31/11
502	Calcium monohydrogen phosphate dihydrate	7789-77-7				2.89		10/11/05	02/14/14	02/14/14

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
503	Calcium nitrite	13780-06-8	132.09	mg/m^3	5.40	CaN2O4	S	
504	Calcium oxalate	563-72-4	128.1	mg/m^3	5.24	C2CaO4	S	
505	Calcium oxalate, monohydrate	5794-28-5	146.112	mg/m^3	5.97	Ca.C2.O4.H2.O	S	200 dec
506	Calcium oxide	1305-78-8	56.08	mg/m^3	2.29	CaO	S	2613
507	Calcium phosphate; (Tricalcium phosphate)	10103-46-5	310.18	mg/m^3	12.68	Ca3.(P.O4)2	S	
508	**Calcium phosphide**	**1305-99-3**	182.18	ppm	7.45	Ca3.P2	S	>1600
509	Calcium sulfate anhydrous; (Drierite; Gypsum; Plaster of Paris)	7778-18-9	136.14	mg/m^3	5.56	CaO4S	S	1460
510	Calcium sulfide	20548-54-3	72.14	mg/m^3	2.95	CaS	S	2524
511	Calcium trifluoromethanesulfonate	55120-75-7	338.21	mg/m^3	13.82	C2.Ca.F6.O6.S2		
512	Calcium(II) nitrate	10124-37-5	164.1	mg/m^3	6.71	CaN2O6	S	561
513	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	236.18	mg/m^3	9.65	CaH8N2O10	S	43
514	Calcium(II) sulfate dihydrate (1:1:2)	10101-41-4	172.18	mg/m^3	7.04	CaH4O6S	S	128
515	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3	232.3	mg/m^3	9.49	C10.H16.O4.S	L	198
516	Cantharidin	56-25-7	196.22	mg/m^3	8.02	C10.H12.O4	S	218
517	Caprolactam (dust)	105-60-2	113.16	mg/m^3	4.63	C6H11NO	S	69.3
518	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	114.16	mg/m^3	4.67	C6.H10.O2	L	-1
519	Caprylyl chloride; (Octanoyl chloride)	111-64-8	162.68	mg/m^3	6.65	C8.H15.Cl.O	L	-63
520	CAPSO	73463-39-5	237.3134	mg/m^3	9.70	C9.H19.N.O4.S	S	270-274
521	Captan	133-06-2	300.59	mg/m^3	12.29	C9H8Cl3NO2S	S	172.5
522	Carbachol chloride	51-83-2	182.68	mg/m^3	7.47	C6H15ClN2O2	S	204-205
523	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-; (Tirpate)	26419-73-8	234.36	mg/m^3	9.58	C8.H14.N2.O2.S2	S	
524	Carbaryl	63-25-2	201.22	mg/m^3	8.22	C12H11NO2	S	145

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
503	Calcium nitrite	13780-06-8						12/08/02	02/14/14	02/14/14
504	Calcium oxalate	563-72-4						12/08/02	12/03/13	12/03/13
505	Calcium oxalate, monohydrate	5794-28-5				2.12		10/11/05	02/14/14	12/03/13
506	Calcium oxide	1305-78-8	2850			3.37		08/21/96	02/14/14	12/31/11
507	Calcium phosphate; (Tricalcium phosphate)	10103-46-5				2.5 @ 20°C		12/08/02	02/18/14	02/18/14
508	**Calcium phosphide**	**1305-99-3**				2.238		09/05/08	02/12/15	02/13/12
509	Calcium sulfate anhydrous; (Drierite; Gypsum; Plaster of Paris)	7778-18-9				2.964		08/07/98	02/18/14	12/31/11
510	Calcium sulfide	20548-54-3	dec			2.58		02/08/12	02/18/14	02/18/14
511	Calcium trifluoromethanesulfonate	55120-75-7						09/02/08	07/29/13	4/7/2010
512	Calcium(II) nitrate	10124-37-5	dec			2.36		09/30/97	07/29/13	12/31/11
513	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	dec			2.36		01/10/01	02/18/14	12/31/11
514	Calcium(II) sulfate dihydrate (1:1:2)	10101-41-4	163			2.32		04/14/04	02/18/14	02/18/14
515	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3						07/11/07	07/30/13	07/30/13
516	Cantharidin	56-25-7	84 sublms	0.02	25			06/13/02	07/30/13	10/05/12
517	Caprolactam (dust)	105-60-2	270	7.5x10-3	36.8	1.02 @ 75°C in Liquid form		09/30/97	07/30/13	09/21/12
518	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	215	0.01	20	1.0761 @ 20°C		07/11/07	07/30/13	12/31/11
519	Caprylyl chloride; (Octanoyl chloride)	111-64-8	195.6	2.5	20	0.9535 @15°C		06/13/02	07/30/13	12/31/11
520	CAPSO	73463-39-5						10/11/05	07/30/13	12/31/11
521	Captan	133-06-2		9x10-8	25	1.74		09/30/97	04/09/14	12/31/11
522	Carbachol chloride	51-83-2						12/08/02	10/05/12	10/05/12
523	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-; (Tirpate)	26419-73-8						12/08/02	09/21/12	09/21/12
524	Carbaryl	63-25-2	dec	1.36x10-6	25	1.228		09/30/97	07/30/13	01/19/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
525	Carbazole	86-74-8	167.22	mg/m^3	6.83	C12H9N	S	244.8
526	Carbazole violet	6358-30-1	589.4794	mg/m^3	24.09	C34.H22.C12.N4.O2	S	
527	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3	362.41	mg/m^3	14.81	C23H23O2P	S	
528	Carbofuran	1563-66-2	221.28	mg/m^3	9.04	C12H15NO3	S	150-152
529	Carbon black	1333-86-4	12.01	mg/m^3	0.49	[Unspecified]	S	subl
530	Carbon dioxide	124-38-9	44.01	ppm	1.80	CO2	G	-56.66
531	**Carbon disulfide**	**75-15-0**	76.14	ppm	3.11	CS2	L	-112.1
532	**Carbon monoxide**	**630-08-0**	28.01	ppm	1.14	CO	G	-205.02
533	**Carbon tetrachloride**	**56-23-5**	153.82	ppm	6.29	CCl4	L	-22.62
534	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	88.01	ppm	3.60	CF4	G	-183.6
535	Carbon trifluoride; (Trifluoromethane; Fluoroform)	75-46-7	70.02	ppm	2.86	CHF3	G	-163
536	Carbon; (Graphite, synthetic)	7440-44-0	12.01	mg/m^3	0.49	C	S	4489
537	Carbonic acid, calcium salt	471-34-1	100.09	mg/m^3	4.09	CCaO3	S	
538	**Carbonyl fluoride**	**353-50-4**	66.01	ppm	2.70	CF2O	G	-111.26
539	**Carbonyl sulfide**	**463-58-1**	60.08	ppm	2.46	COS	G	-138.8
540	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5	322.2302	mg/m^3	13.17	C17.H6.O7	S	226
541	Carbophenothion; (Trithion)	786-19-6	342.87	mg/m^3	14.01	C11H16ClO2PS3	L	
542	Catechol	120-80-9	110.11	ppm	4.50	C6H6O2	S	104.6
543	Ceric ammonium nitrate	16774-21-3	548.226	mg/m^3	22.41	CeH8N8O18	S	
544	Ceric ammonium sulfate	7637-03-8	600.5352	mg/m^3	24.54	CeH20N4O16S4	S	
545	Ceric ammonium sulfate, dihydrate	10378-47-9	632.53	mg/m^3	25.85	Ce.H20.N4.O18.S4	S	130
546	Ceric oxide	1306-38-3	172.12	mg/m^3	7.03	CeO2	S	2600

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
525	Carbazole	86-74-8	354.7	400	323	1.10 @18°C		01/10/01	07/30/13	12/31/11
526	Carbazole violet	6358-30-1						10/11/05	05/08/15	05/08/15
527	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3						03/01/00	07/30/13	12/31/11
528	Carbofuran	1563-66-2		0.00002	33	1.180 @ 20°C		12/08/02	07/30/13	07/30/13
529	Carbon black	1333-86-4	4200			1.8-2.1		01/04/99	07/31/13	12/31/11
530	Carbon dioxide	124-38-9	- 78.464 subl	750	-78.6	0.72		12/30/95	10/25/13	06/04/13
531	**Carbon disulfide**	**75-15-0**	46	750	45.9	1.2632	13000	11/30/92	03/06/15	05/02/09
532	**Carbon monoxide**	**630-08-0**	-191.5	1.55x10E8	25	1.145 g/L	125000	11/30/92	03/06/15	06/13/14
533	**Carbon tetrachloride**	**56-23-5**	76.8	75	15.8	1.5940 @ 20°C		11/30/92	11/18/14	11/18/14
534	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	-127.8			3.034		04/14/04	07/31/13	12/31/11
535	Carbon trifluoride; (Trifluoromethane; Fluoroform)	75-46-7	-82.2	35300	25			04/14/04	07/31/13	12/31/11
536	Carbon; (Graphite, synthetic)	7440-44-0	3825	1	3586	2.2		09/30/97	07/31/13	12/12/11
537	Carbonic acid, calcium salt	471-34-1				2.93		01/04/99	07/31/13	12/31/11
538	**Carbonyl fluoride**	**353-50-4**	-84.57	4.45x10+4	25	2.698 g/L		01/04/99	02/09/15	09/21/12
539	**Carbonyl sulfide**	**463-58-1**	-50	750	-50.4	2.456	120000	12/30/95	02/26/15	04/18/12
540	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5						10/11/05	07/31/13	12/31/11
541	Carbophenothion; (Trithion)	786-19-6	82@ 0.1 mm	0.0000003	20	1.29 @ 20°C		12/08/02	07/31/13	10/05/12
542	Catechol	120-80-9	245	3x10-2	20	1.344 @ 20°C		09/30/97	03/06/15	08/07/12
543	Ceric ammonium nitrate	16774-21-3						08/07/98	07/31/13	12/06/11
544	Ceric ammonium sulfate	7637-03-8						08/07/98	07/31/13	12/06/11
545	Ceric ammonium sulfate, dihydrate	10378-47-9						10/11/05	07/31/13	12/06/11
546	Ceric oxide	1306-38-3				7.65		08/07/98	07/31/13	07/31/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
547	Cerium	7440-45-1	140.13	mg/m^3	5.73	Ce	S	799
548	Cerium acetate	537-00-8	317.27	mg/m^3	12.97	C6.H9.O6.Ce	S	308 dec.
549	Cerium chloride	7790-86-5	246.48	mg/m^3	10.07	CeCl3	S	807
550	Cerium fluoride	7758-88-5	197.12	mg/m^3	8.06	CeF3	S	1460
551	Cerium hydroxide	15785-09-8	191.14	mg/m^3	7.81	CeH3O3	S	
552	Cerium nitrate hexahydrate	10294-41-4	434.27	mg/m^3	17.75	CeH12N3O15	S	
553	Cerium oxalate	139-42-4	316.1592	mg/m^3	12.92	Ce.(C2.O4)2	S	
554	Cerium sulfate	13590-82-4	332.24	mg/m^3	13.58	CeO8S2	S	
555	Cerium trioxide	1345-13-7	328.24	mg/m^3	13.42	Ce2O3	S	1692
556	Cerium(III) sulfate	13454-94-9	568.42	mg/m^3	23.23	Ce2.(S.O4)3	S	`250 dec
557	Cerium(IV) hydroxide	12014-56-1	208.1452	mg/m^3	8.51	Ce.H4.O4	S	
558	Cerium(IV) nitrate	13093-17-9	392.1708	mg/m^3	16.03	Ce.4(H.N.O3)	S	
559	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	326.15	mg/m^3	13.33	CeN3O9	S	150 lose water
560	Cerous nitrite	z-0004	278.11	mg/m^3	11.37	Ce.(NO2)3	S	
561	Cesium	7440-46-2	132.91	mg/m^3	5.43	Cs	S	28.5
562	Cesium carbonate	534-17-8	325.83	mg/m^3	13.32	CCs2O3	S	793
563	Cesium chloride	7647-17-8	168.36	mg/m^3	6.88	ClCs	S	646
564	Cesium fluoride	13400-13-0	151.91	mg/m^3	6.21	CsF	S	703
565	Cesium hydroxide	21351-79-1	149.9127	mg/m^3	6.13	CsHO	S deliq	315
566	Cesium iodide	7789-17-5	259.81	mg/m^3	10.62	CsI	S	632
567	Cesium metaborate	92141-86-1	175.715	mg/m3	7.181714	Cs.B.O2	S	732
568	Cesium nitrate	7789-18-6	194.92	mg/m^3	7.97	CsNO3	Pwdr	409

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
547	Cerium	7440-45-1	3433			6.9		03/01/00	07/31/13	12/31/11
548	Cerium acetate	537-00-8						10/11/05	07/31/13	07/31/13
549	Cerium chloride	7790-86-5				3.97		07/09/97	07/31/13	06/13/12
550	Cerium fluoride	7758-88-5	2300			6.16		12/08/02	07/31/13	12/31/11
551	Cerium hydroxide	15785-09-8						12/08/02	08/29/14	08/29/14
552	Cerium nitrate hexahydrate	10294-41-4						09/30/97	07/31/13	12/31/11
553	Cerium oxalate	139-42-4						08/07/98	07/31/13	12/06/11
554	Cerium sulfate	13590-82-4						08/07/98	07/31/13	07/31/13
555	Cerium trioxide	1345-13-7				6.86		12/08/02	07/31/13	12/31/11
556	Cerium(III) sulfate	13454-94-9				2.87		07/11/07	10/15/13	10/15/13
557	Cerium(IV) hydroxide	12014-56-1						10/11/05	07/31/13	12/31/11
558	Cerium(IV) nitrate	13093-17-9						07/11/07	12/04/13	12/04/13
559	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	200 dec					12/06/11	07/31/13	12/31/11
560	Cerous nitrite	z-0004						12/08/02	05/02/09	
561	Cesium	7440-46-2	671	1.5x10-6	25	1.873		01/04/99	07/31/13	12/31/11
562	Cesium carbonate	534-17-8				4.24		01/04/99	07/31/13	12/31/11
563	Cesium chloride	7647-17-8	1297			3.99		08/07/98	07/31/13	01/24/12
564	Cesium fluoride	13400-13-0	1251			4.64		08/07/98	07/31/13	12/31/11
565	Cesium hydroxide	21351-79-1				3.675		12/08/02	07/31/13	08/09/12
566	Cesium iodide	7789-17-5	1280			4.51		01/04/99	07/31/13	12/31/11
567	Cesium metaborate	92141-86-1				~3.7		05/24/10	02/04/14	02/04/14
568	Cesium nitrate	7789-18-6	dec			3.685		01/04/99	10/14/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
569	Cesium nitrite	13454-83-6	178.9097	mg/m^3	7.31	Cs.N.O2	S	
570	Cesium oxide	20281-00-9	297.81	mg/m^3	12.17	Cs2.O	S	490
571	Chloramben; (Amiben; 3-Amino-2,5-dichlorobenzoic acid)	133-90-4	206.03	mg/m^3	8.42	C7H5Cl2NO2	S	200
572	Chloramphenicol	56-75-7	323.1322	mg/m^3	13.21	C11.H12.Cl2.N2.O5	S	151
573	Chlordane	57-74-9	409.78	mg/m^3	16.75	C10H6Cl8	L or S	106
574	Chlorfenvinfos	470-90-6	359.58	mg/m^3	14.70	C12H14Cl3O4P	L	-23
575	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	106.44	mg/m^3	4.35	Na.Cl.O3	S	264
576	Chloride; (Chloride(1-); Chloride ions)	16887-00-6	35.453	ppm	1.45	Cl-	G/L	
577	Chlorinated polyolefins	68410-99-1		mg/m^3		[Unspecified]		
578	**Chlorine**	**7782-50-5**	70.906	ppm	2.90	Cl2	G	-101.5
579	**Chlorine dioxide**	**10049-04-4**	67.45	ppm	2.76	ClO2	G	-59
580	Chlorine Hi dry granular (as Cl)	z-0006	35.453	ppm	1.45	N/A		
581	**Chlorine pentafluoride**	**13637-63-3**	130.445	ppm	5.33	ClF5	G	-103
582	**Chlorine trifluoride**	**7790-91-2**	92.45	ppm	3.78	ClF3	G	-76.34
583	Chlormephos	24934-91-6	234.7	mg/m^3	9.59	C5H12ClO2PS2	L	
584	Chlormequat chloride; (Choline dichloride)	999-81-5	158.09	mg/m^3	6.46	C5H13Cl2N	S	245 dec
585	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	136.48	ppm	5.58	C2.H.Cl.F4	L	-199
586	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	100.5	ppm	4.11	C2H3ClF2	G	-131
587	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	110.55	ppm	4.52	C3.H7.Cl.O2	L	
588	Chloro-1-butanol, 4-	928-51-8	108.58	mg/m^3	4.44	C4.H9.Cl.O	L	
589	Chloro-2,4-dinitrobenzene, 1-	97-00-7	202.56	mg/m^3	8.28	C6.H3.Cl.N2.O4	S	alpha = 51; beta = 43; gamma = 27

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
569	Cesium nitrite	13454-83-6						12/08/02	12/04/13	12/04/13
570	Cesium oxide	20281-00-9				4.65		10/11/05	07/31/13	12/31/11
571	Chloramben; (Amiben; 3-Amino-2,5-dichlorobenzoic acid)	133-90-4		0.007	100			09/30/97	11/11/13	12/31/11
572	Chloramphenicol	56-75-7	subl	1.70E-12	25			08/17/07	07/31/13	12/31/11
573	Chlordane	57-74-9	175 @ 1mmHg	9.75x10-6	25	1.6		12/30/95	10/25/13	12/31/11
574	Chlorfenvinfos	470-90-6	124-126 @0.008 mm			1.36 @ 20°C		12/08/02	07/31/13	10/05/12
575	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	dec			2.490 @ 15°C		10/11/05	02/08/13	02/08/13
576	Chloride; (Chloride(1-); Chloride ions)	16887-00-6						10/11/05	10/14/13	07/31/13
577	Chlorinated polyolefins	68410-99-1						07/09/97	07/31/13	12/31/11
578	**Chlorine**	**7782-50-5**	-34.04	5.83x10E3	25	2.898g/L		11/30/92	02/12/15	10/11/05
579	**Chlorine dioxide**	**10049-04-4**	11			3.09 @ 11°C		03/01/00	03/06/15	10/11/05
580	Chlorine Hi dry granular (as Cl)	z-0006						08/07/98	03/30/15	03/30/15
581	**Chlorine pentafluoride**	**13637-63-3**	-13.1			5.332 g/L		12/08/02	02/13/15	09/25/14
582	**Chlorine trifluoride**	**7790-91-2**	11.75	750	11.4	3.779		11/30/92	02/12/15	10/21/09
583	Chlormephos	24934-91-6	81-85 @ 0.1 mm	0.0056	30	1.26		12/08/02	07/31/13	10/05/12
584	Chlormequat chloride; (Choline dichloride)	999-81-5		7.5E-08	20			12/08/02	06/05/13	06/05/13
585	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	12	2888	25	1.364		09/05/08	05/15/15	
586	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	-9.5	2540	25	1.19	62000	01/04/99	06/13/14	
587	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	213 dec	0.2	20	1.326		07/11/07	07/31/13	12/31/11
588	Chloro-1-butanol, 4-	928-51-8	84 @ 16mm			1.088 @ 20°C		10/11/05	07/31/13	12/31/11
589	Chloro-2,4-dinitrobenzene, 1-	97-00-7	315			1.68	20000	12/08/02	07/31/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
590	Chloro-2-methyl-1-propene, 3-	563-47-3	90.56	ppm	3.70	C4H7Cl	L	<-80
591	Chloro-2-methyl-4-isothiazolin-3-one, 5-	26172-55-4	149.6	mg/m^3	6.11	C4.H4.Cl.N.O.S	L	
592	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	92.58	ppm	3.78	C4.H9.Cl	L	-25.6
593	Chloro-2-nitrophenol, 4-	89-64-5	173.554	mg/m^3	7.09	C6.H4.Cl.N.O3	S	88.5
594	Chloro-4-nitrophenol, 2-	619-08-9	173.56	ppm	7.09	C6H4ClNO3	S	111
595	**Chloroacetaldehyde**	**107-20-0**	78.5	ppm	3.21	C2H3ClO	L	-16.3
596	Chloroacetaldehyde dimethyl acetal	97-97-2	124.5669	mg/m^3	5.09	C4.H9.Cl.O2	L	
597	Chloroacetic acid, sodium salt	3926-62-3	116.48	mg/m^3	4.76	C2H2ClNaO2	S crystals	
598	**Chloroacetic acid; (Monochloroacetic acid)**	**79-11-8**	94.5	ppm	3.86	C2H3ClO2	S	63
599	**Chloroacetone**	**78-95-5**	92.53	ppm	3.78	C3H5ClO	L	-44.5
600	**Chloroacetonitrile**	**107-14-2**	75.5	ppm	3.09	C2.H2.Cl.N	L	
601	**Chloroacetyl chloride**	**79-04-9**	112.94	ppm	4.62	C2H2Cl2O	L	-22
602	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3	251.16	mg/m^3	10.27	C9H16Cl2N4	S	178-210
603	Chloroaniline, p-	106-47-8	127.57	mg/m^3	5.21	C6H6ClN	S crystals	70.5
604	**Chlorobenzene; (Benzene chloride)**	**108-90-7**	112.56	ppm	4.60	C6H5Cl	L	-45.31
605	Chlorobenzotrifluoride, 2-	88-16-4	180.56	mg/m^3	7.38	C7.H4.Cl.F3	L	-6
606	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	325.19	mg/m^3	13.29	C16H14Cl2O3	S or L	37
607	**Chlorobenzylidene malononitrile, o-; (Tear Gas)**	**2698-41-1**	188.62	mg/m^3	7.71	C10.H5.Cl.N2	S	95
608	Chlorobutane, 1-; (Butyl chloride)	109-69-3	92.58	ppm	3.78	C4H9Cl	L	-123.1
609	Chlorobutane, 2-; (sec-Butyl chloride)	78-86-4	92.58	ppm	3.78	C4.H9.Cl	L	-140
610	Chlorobutyryl chloride, 4-	4635-59-0	141	mg/m^3	5.76	C4.H6.Cl2.O	L	
611	Chlorocyclohexanol, trans-2-	6628-80-4	134.61	mg/m^3	5.50	C6H11ClO	S	29

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
590	Chloro-2-methyl-1-propene, 3-	563-47-3	72.17	101.7	20	0.9257 @ 20°C	32000	06/13/02	03/06/15	07/31/13
591	Chloro-2-methyl-4-isothiazolin-3-one, 5-	26172-55-4						08/17/07	07/31/13	09/24/12
592	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	50.9			0.87		07/11/07	01/09/14	01/09/14
593	Chloro-2-nitrophenol, 4-	89-64-5						10/11/05	11/21/13	11/21/13
594	Chloro-4-nitrophenol, 2-	619-08-9						12/08/02	07/31/13	12/31/11
595	**Chloroacetaldehyde**	**107-20-0**	85.5	100	20	1.19		09/15/95	03/06/15	
596	Chloroacetaldehyde dimethyl acetal	97-97-2	127.5			1.4150 @ 20°C		10/11/05	10/14/13	10/14/13
597	Chloroacetic acid, sodium salt	3926-62-3						10/11/05	09/24/12	09/24/12
598	**Chloroacetic acid; (Monochloroacetic acid)**	**79-11-8**	189.3	7.5	78.4	1.4043 @ 40°C	80000	09/30/97	02/17/15	12/31/11
599	**Chloroacetone**	**78-95-5**	119	12	25	1.162 @ 20°C		01/04/99	02/17/15	12/31/11
600	**Chloroacetonitrile**	**107-14-2**	126.5	15	30	1.193 @ 20°C		10/11/05	02/09/15	02/09/15
601	**Chloroacetyl chloride**	**79-04-9**	106	7.5	5.6	1.4202 @ 20°C		11/30/92	02/13/15	
602	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3		<1.0x10-7	25	0.4 No Temp		07/09/97	07/31/13	12/31/11
603	Chloroaniline, p-	106-47-8	232	0.071	25	1.429 @ 19°C		12/30/95	03/06/15	01/16/12
604	**Chlorobenzene; (Benzene chloride)**	**108-90-7**	131.72	7.5	16.8	1.1058 @ 20°C	13000	12/30/95	06/26/12	08/17/07
605	Chlorobenzotrifluoride, 2-	88-16-4	152.2			1.254 @ 30°C		10/11/05	07/31/13	12/31/11
606	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	157 @ 0.07mmHg	2.2x10-6	20	1.2816 @ 20°C		09/30/97	07/31/13	12/31/11
607	**Chlorobenzylidene malononitrile, o-; (Tear Gas)**	**2698-41-1**	313	0.00003	20			06/13/02	02/12/15	02/12/15
608	Chlorobutane, 1-; (Butyl chloride)	109-69-3	78.5	80.1	20	0.892 @ 15°C	18000	04/14/04	08/01/13	12/31/11
609	Chlorobutane, 2-; (sec-Butyl chloride)	78-86-4	68.5			0.873		07/11/07	08/01/13	12/31/11
610	Chlorobutyryl chloride, 4-	4635-59-0	173.5	1.32	25	1.258		07/11/07	03/06/15	12/31/11
611	Chlorocyclohexanol, trans-2-	6628-80-4	93					03/01/00	08/01/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
612	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4	116.59	mg/m^3	4.77	C6.H9.Cl	L	
613	Chlorodecane, 1-	1002-69-3	176.73	ppm	7.22	C10.H21.Cl	L	-34
614	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	120.57	mg/m^3	4.93	C4H10AlCl	S	-50
615	Chlorodifluoromethane; (Freon 22; CFC 22)	75-45-6	86.47	ppm	3.53	CHClF2	G	-157.42
616	Chloroethanesulfonyl chloride, 2-	1622-32-8	163.02	mg/m^3	6.66	C2.H4.Cl2.O2.S	S	
617	Chloroethyl chloroformate	627-11-2	142.97	mg/m^3	5.84	C3.H4.Cl2.O2	L	
618	Chloroethyl phenyl sulfide, 2-	5535-49-9	172.67	mg/m3	7.06	C8.H9.Cl.S	S	104
619	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	106.56	ppm	4.36	C4.H7.Cl.O	L	-70.3
620	Chloroethylchloromethylsulfide, 2-	2625-76-5	145.05	ppm	5.93	C3.H6.Cl2.S		
621	**Chloroform**	**67-66-3**	119.38	ppm	4.88	CHCl3	L	-63.41
622	Chloroform-d; (Deuterated chloroform)	865-49-6	120.4	ppm	4.92	CCl3D	L	-64
623	Chloro-m-cresol, 4-	59-50-7	142.59	mg/m^3	5.83	C7H7ClO	S	67
624	**Chloromethyl methyl ether**	**107-30-2**	80.51	ppm	3.29	C2H5ClO	L	-103.5
625	**Chloromethyl(trichloro)silane**	**1558-25-4**	183.92	ppm	7.52	CH2Cl4Si	L	111-112
626	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	162.62	mg/m^3	6.65	C10H7Cl	L	-2.5
627	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	162.62	mg/m^3	6.65	C10H7Cl	S	58
628	Chloronitrobenzene, p-; (p-Nitrochlorobenzene)	100-00-5	157.56	mg/m^3	6.44	C6H4ClNO2	S	82
629	Chloroperoxybenzoic acid, 3-	937-14-4	172.57	mg/m^3	7.05	C7H5ClO3	S	92 dec
630	Chlorophacinone	3691-35-8	374.83	mg/m^3	15.32	C23.H15.Cl.O3	S	
631	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	128.56	mg/m^3	5.25	C6H5ClO	S	42.8
632	Chlorophenol, m-	108-43-0	128.56	mg/m^3	5.25	C6H5ClO	S	33
633	Chlorophenol, o-	95-57-8	128.56	mg/m^3	5.25	C6H5ClO	L	9.4

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
612	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4						12/08/02	03/06/15	02/06/14
613	Chlorodecane, 1-	1002-69-3	223			0.871		10/11/05	11/21/13	11/21/13
614	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	208			0.971		12/08/02	03/06/15	02/27/14
615	Chlorodifluoromethane; (Freon 22; CFC 22)	75-45-6	-40.7	750	-41.1	1.4909 @ 69°C		08/21/96	07/02/13	06/17/13
616	Chloroethanesulfonyl chloride, 2-	1622-32-8	200-203			1.555 @ 20°C		12/08/02	08/01/13	12/31/11
617	Chloroethyl chloroformate	627-11-2	155.7	13	48-49	1.3847 @ 20°C		12/08/02	08/01/13	09/24/12
618	Chloroethyl phenyl sulfide, 2-	5535-49-9	245			1.18		08/05/10	11/21/13	11/21/13
619	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	108	30	25	1.05 @ 20°C		06/13/02	08/01/13	12/31/11
620	Chloroethylchloromethylsulfide, 2-	2625-76-5						10/11/05	08/01/13	08/15/07
621	**Chloroform**	**67-66-3**	61.17	75	4.3	1.4788		10/31/92	03/06/15	10/11/05
622	Chloroform-d; (Deuterated chloroform)	865-49-6	60.9			1.5004		04/14/04	03/06/15	05/13/09
623	Chloro-m-cresol, 4-	59-50-7	235	5x10-2	20	1.37		01/04/99	08/01/13	12/31/11
624	**Chloromethyl methyl ether**	**107-30-2**	59.5	75	6	1.063 @ 10°C		12/30/95	06/26/12	12/31/11
625	**Chloromethyl(trichloro)silane**	**1558-25-4**	118			1.465		01/10/01	02/12/15	
626	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	259	7.5x10-3	14	1.188		09/30/97	08/19/14	12/31/11
627	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	256	0.0122	25	1.1377 @ 71°C		11/15/96	08/19/14	08/19/14
628	Chloronitrobenzene, p-; (p-Nitrochlorobenzene)	100-00-5	242	7.5x10-3	15.4	1.2979 @ 90°C		09/30/97	01/29/14	01/29/14
629	Chloroperoxybenzoic acid, 3-	937-14-4						08/07/98	08/01/13	09/24/12
630	Chlorophacinone	3691-35-8						12/08/02	10/15/13	09/24/12
631	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	220	0.75	45	1.224 @ 78°C		04/14/04	03/06/15	08/20/14
632	Chlorophenol, m-	108-43-0	210-214	0.125	25	1.245 @ 45°C		01/04/99	08/20/14	01/24/12
633	Chlorophenol, o-	95-57-8	174.9	7.5	45.8	1.257 @ 23°C		12/30/95	08/20/14	08/20/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
634	Chlorophenyl phenyl ether, 4-	7005-72-3	204.65	mg/m^3	8.36	C12.H9.Cl.O	L	-8
635	Chlorophenyl thiourea, 2-	5344-82-1	186.67	mg/m^3	7.63	C7.H7.Cl.N2.S	S	146
636	Chloropicrin/Methyl bromide mixture	8004-09-9	259.31	mg/m^3	10.60	C2H3BrCl3NO2	L	
637	Chloropicrin/Methyl chloride mixture	z-0007	85	mg/m^3	3.47	[Unspecified]	L	
638	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	164.38	ppm	6.72	CCl3NO2	L	-64
639	Chloroprene; (beta-Chloroprene; Neoprene)	126-99-8	88.54	ppm	3.62	C4H5Cl	L	-130
640	Chloropropanol, 3-; (1-Propanol, 3-chloro-)	627-30-5	94.55	mg/m^3	3.86	C3.H7.Cl.O	L	
641	Chloropropionitrile, 3-	542-76-7	89.53	ppm	3.66	C3.H4.Cl.N	L	-51
642	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	198.75	ppm	8.12	C6.H15.Cl.O3.Si	L	
643	Chloropropylene, 2-	557-98-2	76.53	ppm	3.13	C3.H5.Cl	G/L	-138.6
644	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	238.85	mg/m^3	9.76	C11.H23.Cl.O.S	L	
645	Chloro-p-toluenesulfonamide sodium salt, N-; (Chloramine T)	127-65-1	227.65	mg/m^3	9.30	C7H8ClNNaO2S	S powd	170-177 dec
646	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7	156.54856	ppm	6.40	C4.H10.Cl.O2.P		
647	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5	198.62896	ppm	8.12	C7.H16.Cl.O2.P		
648	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	116.52	mg/m^3	4.76	ClHO3S	L	-80
649	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	265.9	mg/m^3	10.87	C8.Cl4.N2	S	250-251
650	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	126.58	ppm	5.17	C7H7Cl	L	-35.8
651	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	126.58	ppm	5.17	C7H7Cl	L	7.5
652	Chlorotrifluoroethene, homopolymer	9002-83-9		mg/m^3		(C2.Cl.F3)n	S	
653	**Chlorotrifluoroethylene**	**79-38-9**	116.47	ppm	4.76	C2ClF3	G	-158.2
654	Chlorotrifluoromethane; (CFC-13)	75-72-9	104.46	ppm	4.27	C.Cl.F3	G	-181
655	**Chlorovinylarsine dichloride; (Lewisite 1)**	**541-25-3**	207.31	mg/m^3	8.47	C2.H2.As.Cl3	L	-13

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
634	Chlorophenyl phenyl ether, 4-	7005-72-3	284-285	0.0027	25	1.2026 @15°C		06/13/02	05/13/15	08/01/13
635	Chlorophenyl thiourea, 2-	5344-82-1	323	0.000002	25			12/08/02	11/14/14	11/14/14
636	Chloropicrin/Methyl bromide mixture	8004-09-9						12/08/02	08/01/13	08/01/13
637	Chloropicrin/Methyl chloride mixture	z-0007						01/10/01	08/01/13	08/01/13
638	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	112	7.5	4.4	1.6558 @ 20°C		11/30/92	02/13/15	08/15/07
639	Chloroprene; (beta-Chloroprene; Neoprene)	126-99-8	59.4	75	0.3	.956 @ 20°C	19000	09/30/97	08/01/13	05/03/12
640	Chloropropanol, 3-; (1-Propanol, 3-chloro-)	627-30-5	165			1.309 @ 20°C		10/11/05	08/01/13	12/31/11
641	Chloropropionitrile, 3-	542-76-7	176	2.5	25	1.1363		06/13/02	02/05/15	02/05/15
642	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	195	<5	25	1.09		07/11/07	08/01/13	12/31/11
643	Chloropropylene, 2-	557-98-2	22.65	819	25	0.9017 @ 20°C	45000	06/13/02	08/01/13	12/31/11
644	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	338	0.00002	25			12/08/02	08/01/13	12/31/11
645	Chloro-p-toluenesulfonamide sodium salt, N-; (Chloramine T)	127-65-1						01/04/99	08/01/13	06/26/12
646	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7						10/11/05	10/15/13	08/17/07
647	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5						10/11/05	10/15/13	08/07/12
648	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	152	7.5	38.7	1.75		11/30/92	02/17/15	05/16/08
649	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	350	5.7E-07	25	2.8		08/17/07	07/02/13	06/06/13
650	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	159	7.5	38	1.0825 @ 20°C		09/30/97	03/06/15	07/03/13
651	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	162.4	7.5	40	1.0697 @ 20°C		09/30/97	03/06/15	07/25/13
652	Chlorotrifluoroethene, homopolymer	9002-83-9						10/11/05	08/01/13	12/31/11
653	**Chlorotrifluoroethylene**	**79-38-9**	-27.8	750	-28.4	1.54 @ 60°C	84000	11/30/92	02/13/15	08/15/07
654	Chlorotrifluoromethane; (CFC-13)	75-72-9	-81.4	21400	25			06/13/02	08/01/13	12/31/11
655	**Chlorovinylarsine dichloride; (Lewisite 1)**	**541-25-3**	190 dec	0.4	20	1.888 @ 20°C		12/08/02	02/12/15	02/12/15

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
656	Chloroxuron	1982-47-4	290.77	mg/m^3	11.88	C15.H15.Cl.N2.O2	S	151-152
657	Chlorpyrifos; (Dursban)	2921-88-2	350.59	mg/m^3	14.33	C9H11Cl3NO3PS	S	42-43.5
658	Chlorsulfuron	64902-72-3	357.8	mg/m^3	14.62	C12H12ClN5O4S	S	174-178
659	Chlorthiophos	21923-23-9	361.25	mg/m^3	14.76	C11.H15.Cl2.O3.P.S2	L	
660	Cholera toxin; (Enterotoxin, vibrio cholera)	9012-63-9	~12kDa	mg/m^3			S	
661	Chromates	13907-45-4	115.97	mg/m^3	4.74	CrO4		
662	Chromic acetate; (Chromium(III) acetate)	1066-30-4	229.15	mg/m^3	9.37	C6H9CrO6	S	
663	Chromic chloride; (Chromium(III) chloride)	10025-73-7	158.35	mg/m^3	6.47	Cl3Cr	S	1152
664	Chromic oxide; (Chromium(III) oxide; Chromium sesquioxide)	1308-38-9	151.99	mg/m^3	6.21	Cr2O3	S crystals	2320
665	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	392.18	mg/m^3	16.03	Cr2O12S3	S	392.18
666	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	99.99	mg/m^3	4.09	CrO3	S crystals	197
667	Chromic(III) hydroxide; (Chromic acid (H3CrO3); Chromium trihydroxide)	1308-14-1	103.02	mg/m^3	4.21	CrH3O3	S	
668	Chromite; (Chromite (mineral))	1308-31-2	223.85	mg/m^3	9.15	Cr2FeO4	S	
669	Chromium	7440-47-3	52	mg/m^3	2.13	Cr	S	1907
670	Chromium nitrate	10103-47-6	115	mg/m^3	4.70	CrHxNO3	S	
671	Chromium perchlorate, hydrated	13537-21-8	350.35	mg/m^3	14.32	Cr.Cl3.O12	S	
672	Chromium(III) acetate hydroxide	39430-51-8	277	mg/m^3	11.32	Cr (C2H3O2) 3OH	S	
673	Chromium(III) chloride, hexahydrate	10060-12-5	266.47	mg/m^3	10.89	Cl3CrH12O6	S hygr.	83
674	Chromium(III) fluoride	7788-97-8	109	mg/m^3	4.45	Cr.F3	S	1400
675	Chromium(III) nitrate	13548-38-4	238.03	mg/m^3	9.73	CrN3O9	S	> 60 dec
676	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2	85.0027	mg/m^3	3.47	Cr.O.(O.H)		
677	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0	499.41	mg/m^3	20.41	Cr.K.O8.S2.12(H2.O)	S	89

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
656	Chloroxuron	1982-47-4		3.9E-09	20	1.34 @ 20°C		12/08/02	08/01/13	12/31/11
657	Chlorpyrifos; (Dursban)	2921-88-2		2.02x10-5	25	1.44 @ 20°C		01/04/99	10/01/13	10/01/13
658	Chlorsulfuron	64902-72-3	192 dec	0.81313	25			12/08/02	08/01/13	01/19/12
659	Chlorthiophos	21923-23-9	150					12/08/02	08/01/13	09/24/12
660	Cholera toxin; (Enterotoxin, vibrio cholera)	9012-63-9						01/16/15		
661	Chromates	13907-45-4						08/07/98	10/30/14	10/30/14
662	Chromic acetate; (Chromium(III) acetate)	1066-30-4						06/13/02	03/28/14	01/03/12
663	Chromic chloride; (Chromium(III) chloride)	10025-73-7	1300 dec			2.76		08/07/98	03/28/14	03/28/14
664	Chromic oxide; (Chromium(III) oxide; Chromium sesquioxide)	1308-38-9	~ 3000			5.22		08/21/96	03/28/14	01/26/12
665	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	dec > 700			3.012		01/04/99	03/28/14	03/28/14
666	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	~250 dec			2.70		09/30/97	10/30/14	05/23/14
667	Chromic(III) hydroxide; (Chromic acid (H3CrO3); Chromium trihydroxide)	1308-14-1						09/30/97	03/28/14	01/03/12
668	Chromite; (Chromite (mineral))	1308-31-2				4.97 @ 20°C		08/07/98	03/28/14	03/28/14
669	Chromium	7440-47-3	2671	7.5x10-3	1383	7.15		12/30/95	03/28/14	01/03/12
670	Chromium nitrate	10103-47-6						10/11/05	03/28/14	03/28/14
671	Chromium perchlorate, hydrated	13537-21-8						10/11/05	03/28/14	12/31/11
672	Chromium(III) acetate hydroxide	39430-51-8						04/14/04	03/28/14	03/28/14
673	Chromium(III) chloride, hexahydrate	10060-12-5				1.76		10/11/05	03/28/14	03/28/14
674	Chromium(III) fluoride	7788-97-8				3.8		10/11/05	03/28/14	03/28/14
675	Chromium(III) nitrate	13548-38-4	100 dec					07/09/97	03/28/14	01/13/12
676	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2						12/08/02	03/28/14	12/31/11
677	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0				1.83		10/11/05	10/30/14	05/15/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
678	Chromium(VI) hydroxide	12626-43-6	154.0399	mg/m^3	6.30	Cr.(O.H)6	S	
679	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	122.9	mg/m^3	5.02	Cl2Cr	S	824
680	Chrysene	218-01-9	228.29	mg/m^3	9.33	C18H12	S	255.5
681	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2		mg/m^3		[Unspecified]	L	
682	Coal tar, aerosol	8007-45-2		mg/m^3		[Unspecified]	L	
683	Cobalt	7440-48-4	58.93	mg/m^3	2.41	Co	S	1495
684	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1	249.11	mg/m^3	10.18	C4H14CoO8	L	
685	Cobalt carbonyl	10210-68-1	341.94	mg/m^3	13.98	C8Co2O8	S	51
686	Cobalt chloride	7646-79-9	129.83	mg/m^3	5.31	Cl2Co	S	737
687	**Cobalt hydrocarbonyl**	**16842-03-8**	171.98	mg/m3	7.03	H.Co.(C.O)4	L/G unstble	-33
688	Cobalt hydroxide	21041-93-0	92.95	mg/m^3	3.80	CoH2O2	S	
689	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	291.07	mg/m^3	11.90	CoH12N2O12	S	~55
690	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	182.95	mg/m^3	7.48	CoN2O6	S	100 dec
691	Cobalt nitrite	32486-57-0	150.93	mg/m^3	6.17	Co.(N.O2)2	S	
692	Cobalt oxide; (Cobaltic-cobaltous oxide)	1308-06-1	240.79	mg/m^3	9.84	Co3O4	S	900 dec
693	Cobalt sulfate	10124-43-3	154.99	mg/m^3	6.33	CoO4S	S	735
694	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1	281.13	mg/m^3	11.49	CoH14O11S	S	735
695	Cobalt tetraphenylporphine	14172-90-8		mg/m^3		[Unknown]		
696	Cobalt(II) chloride hexahydrate	7791-13-1	237.95	mg/m^3	9.73	Cl2CoH12O6	S	86
697	Cobalt(II) oxide	1307-96-6	74.93	mg/m^3	3.06	CoO	S	1830
698	Cobalt(II) perchlorate, hexahydrate	13478-33-6	365.95	mg/m^3	14.96	Co.Cl2.O8.6 H2.O	S	
699	Cobalt(II) sulfate hydrate	60459-08-7	173	mg/m^3	7.07	Co.S.O4.H2.O	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
678	Chromium(VI) hydroxide	12626-43-6						12/08/02	10/30/14	10/30/14
679	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	1300			2.751 @ 14°C		06/13/02	10/30/14	10/30/14
680	Chrysene	218-01-9	448	6.23x10-9	25	1.274 @ 24°C		12/30/95	04/30/14	04/30/14
681	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2						09/30/97	04/30/14	04/3014
682	Coal tar, aerosol	8007-45-2				1.18-1.23 No temp		09/30/97	04/30/14	04/30/14
683	Cobalt	7440-48-4	2927	7.5x10-3	1517	8.86		09/30/97	08/01/13	12/31/11
684	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1						04/14/04	08/01/13	12/31/11
685	Cobalt carbonyl	10210-68-1	52 decom	0.07	15	1.87		06/13/02	05/15/14	05/15/14
686	Cobalt chloride	7646-79-9	1049	75	818	3.348		01/04/99	07/23/14	07/05/12
687	**Cobalt hydrocarbonyl**	**16842-03-8**	10					10/11/05	11/14/14	11/14/14
688	Cobalt hydroxide	21041-93-0						12/08/02	05/16/14	12/31/11
689	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	>74			1.88		04/14/04	05/16/14	12/31/11
690	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	75 dec			2.49		08/07/98	05/16/14	01/19/12
691	Cobalt nitrite	32486-57-0						12/08/02	05/16/14	12/31/11
692	Cobalt oxide; (Cobaltic-cobaltous oxide)	1308-06-1						01/10/01	05/16/14	12/06/11
693	Cobalt sulfate	10124-43-3	dec			3.71		04/14/04	05/16/14	05/16/14
694	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1				3.71		04/14/04	05/16/14	05/16/14
695	Cobalt tetraphenylporphine	14172-90-8						08/07/98	08/01/13	12/06/11
696	Cobalt(II) chloride hexahydrate	7791-13-1	1049			1.924		04/14/04	05/16/14	06/27/12
697	Cobalt(II) oxide	1307-96-6				6.45		08/07/98	05/16/14	05/16/14
698	Cobalt(II) perchlorate, hexahydrate	13478-33-6						07/11/07	05/16/14	12/31/11
699	Cobalt(II) sulfate hydrate	60459-08-7						10/11/05	05/16/14	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
700	Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenolato))(2-)-N,N',O,O')-; (Fluomine)	62207-76-5	361.23	mg/m^3	14.76	C16.H12.Co.F2.N2.O2	S	
701	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7	218.75	mg/m^3	8.94	Br2Co	S	678
702	Cobaltous carbonate	513-79-1	118.94	mg/m^3	4.86	CCoO3	S crystals	280 dec
703	Colchicine	64-86-8	399.48	mg/m^3	16.33	C22.H25.N.O6	S	155-157
704	Conotoxins (α)	156467-85-5	1355.6	mg/m^3	55.41	C52H82N20O15S4	S	
705	Copper	7440-50-8	63.55	mg/m^3	2.60	Cu	S	1084.62
706	Copper cyanide; (Copper(I) cyanide; Cuprous cyanide)	544-92-3	89.56	mg/m^3	3.66	CCuN	S	474
707	Copper hydroxide; (Copper(II) hydroxide, Cupric hydroxide)	20427-59-2	97.56	mg/m^3	3.99	CuH2O2	S ins	
708	Copper nitrate; (Cupric nitrate)	3251-23-8	187.56	mg/m^3	7.67	CuN2O6	S	255
709	Copper oxide; (Copper(I) oxide)	1317-39-1	143.08	mg/m^3	5.85	Cu2O	S	1244
710	Copper sulfate; (Copper(II) sulfate)	7758-98-7	159.6	mg/m^3	6.52	CuO4S	S	560 dec
711	Copper(I) chloride; (Cuprous chloride)	7758-89-6	98.99	mg/m^3	4.05	ClCu	S	423
712	Copper(I) sulfide	22205-45-4	159.14	mg/m^3	6.50	Cu2.S	S	1127
713	Copper(II) acetate monohydrate	6046-93-1	199.66	mg/m^3	8.16	C4H8CuO5	S	115
714	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1	221.11	mg/m^3	9.04	CH2Cu2O5	S crystals	200 dec
715	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	134.45	mg/m^3	5.50	Cl2Cu	S	598
716	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	170.48	mg/m^3	6.97	Cl2CuH4O2	S	100
717	Copper(II) oxalate	814-91-5	153.58	mg/m^3	6.28	C2.H2.O4.Cu	S	
718	Copper(II) perchlorate, dihydrate	17031-32-2	298.48	mg/m^3	12.20	Cu.Cl2.O8.2(H2.O)	S	
719	Copper(II) sulfate pentahydrate	7758-99-8	249.7	mg/m^3	10.21	CuH10O9S	S	110 lose 4H2O
720	Copper(II) sulfide	1317-40-4	95.6	mg/m^3	3.91	Cu.S	S	103 trans.
721	Coumaphos	56-72-4	362.78	mg/m^3	14.83	C14.H16.Cl.O5.P.S	S	95

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
700	Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenolato))(2-)-N,N',O,O')-; (Fluomine)	62207-76-5		0.00001	25			12/08/02	07/23/14	12/31/11
701	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7				4.91		06/13/02	05/16/14	12/31/11
702	Cobaltous carbonate	513-79-1				4.2		08/07/98	05/16/14	05/16/14
703	Colchicine	64-86-8	407	0.00001	25			06/13/02	08/02/13	12/31/11
704	Conotoxins (α)	156467-85-5						01/09/15		
705	Copper	7440-50-8	2562	7.5x10-3	1236	8.96		12/30/95	02/12/14	02/12/14
706	Copper cyanide; (Copper(I) cyanide; Cuprous cyanide)	544-92-3	1400 dec			2.92		01/10/01	02/05/14	02/05/14
707	Copper hydroxide; (Copper(II) hydroxide, Cupric hydroxide)	20427-59-2				3.368		12/08/02	02/12/14	08/02/13
708	Copper nitrate; (Cupric nitrate)	3251-23-8	subl			2.05		07/09/97	02/12/14	02/12/14
709	Copper oxide; (Copper(I) oxide)	1317-39-1	1800 dec			6		08/07/98	02/12/14	08/02/13
710	Copper sulfate; (Copper(II) sulfate)	7758-98-7				3.6		08/07/98	06/02/14	06/02/14
711	Copper(I) chloride; (Cuprous chloride)	7758-89-6	1490	1	546	4.14		08/07/98	06/10/14	06/10/14
712	Copper(I) sulfide	22205-45-4				5.6		10/11/05	02/12/14	12/31/11
713	Copper(II) acetate monohydrate	6046-93-1						04/14/04	02/12/14	12/31/11
714	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1				4		04/14/04	02/12/14	12/08/11
715	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	993			3.4		07/09/97	02/12/14	09/26/12
716	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	993 dec			2.51		04/14/04	02/12/14	12/12/11
717	Copper(II) oxalate	814-91-5						10/11/05	02/12/14	12/31/11
718	Copper(II) perchlorate, dihydrate	17031-32-2						10/11/05	02/12/14	09/26/12
719	Copper(II) sulfate pentahydrate	7758-99-8	150 dec			2.29 @ 15.6°C		12/08/02	02/12/14	02/12/14
720	Copper(II) sulfide	1317-40-4	200			4.6		10/11/05	02/12/14	12/31/11
721	Coumaphos	56-72-4		9.7E-08	20	1.47 @ 20°C		12/08/02	08/02/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
722	Coumarin	91-64-5	146.15	mg/m^3	5.97	C9.H6.O2	S	70-71
723	Coumatetralyl; (Endrocide)	5836-29-3	292.35	mg/m^3	11.95	C19.H16.O3	S	172-176
724	Creosote (coal tar)	8001-58-9		mg/m^3		UK	L	
725	Cresols, all isomers; (includes 95-48-7,108-39-4,106-44-5)	1319-77-3	108.14	ppm	4.42	C7H8O	L	11-35
726	Cresyl violet acetate	10510-54-0	321.3348	mg/m^3	13.13	C18.H15.N3.O3	S	140-143
727	Crimidine; (Castrix)	535-89-7	171.65	mg/m^3	7.02	C7.H10.Cl.N3	S	87
728	Cristobalite	14464-46-1	60.09	mg/m^3	2.46	O2Si	S	1722
729	Crocidolite	12001-28-4	765.98	mg/m^3	31.31	(NaFe3(2+)Fe2(3+)Si8O22(OH)2)n	S fibre	800 dec
730	**Crotonaldehyde**	**4170-30-3**	70.09	ppm	2.86	C4H6O	L	-76
731	**Crotonaldehyde, trans-**	**123-73-9**	70.1	ppm	2.87	C4H6O	L	-69
732	Crotonic Acid	3724-65-0	86.1	mg/m^3	3.52	C4.H6.O2	S	72
733	Crystal violet; (Aniline violet)	548-62-9	408.03	mg/m^3	16.68	C25.H30.N3.Cl	S	215
734	Cs7SB; (1-(2,2,3,3-Tetrafluoropropoxy)-3-(4-sec-butylphenoxy)-2-propanol)	308362-88-1	338.34	mg/m^3	13.83	C16.H22.F4.O3	L	
735	Cube Resin other than Rotenone	z-0122		mg/m^3			L	
736	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	152.21	ppm	6.22	C9H12O2	L	
737	**Cumene; (Isopropyl benzene)**	**98-82-8**	120.19	ppm	4.91	C9H12	L	-96.02
738	Cumenol methylcarbamate, m-; (3-(1-Methylethyl)phenol methylcarbamate)	64-00-6	193.27	mg/m^3	7.90	C11.H15.N.O2	S	72-74
739	Cupferron; (Ammonium-N-nitrosophenylhydroxylamine)	135-20-6	155.19	mg/m^3	6.34	C6H9N3O2	S	163-164
740	Cupric acetate, anhydrous; (Copper acetate)	142-71-2	181.64	mg/m^3	7.42	C4H6CuO4	S	
741	Cupric nitrate hemipentahydrate	19004-19-4	241.6	mg/m^3	9.87	Cu.(N.O3)2.5/2(H2.O)	S	115
742	Cupric nitrite	14984-71-5	155.54	mg/m^3	6.36	CuN2O4	S	
743	Cupric oxide	1317-38-0	79.54	mg/m^3	3.25	CuO	S	1227

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
722	Coumarin	91-64-5	291-301.7	a. 0.00098 b. 1	25 106	0.935		10/11/05	08/02/13	09/26/12
723	Coumatetralyl; (Endrocide)	5836-29-3						12/08/02	08/02/13	09/26/12
724	Creosote (coal tar)	8001-58-9	203-220			1.07-1.08 no temp		12/30/95	10/21/13	09/26/12
725	Cresols, all isomers; (includes 95-48-7,108-39-4,106-44-5)	1319-77-3	191-203	0.11-0.299	25	1.030 to 1.038	11000	12/30/95	03/06/15	08/21/14
726	Cresyl violet acetate	10510-54-0						10/11/05	08/02/13	12/31/11
727	Crimidine; (Castrix)	535-89-7	140-147 @ 4mm					12/08/02	10/21/13	09/26/12
728	Cristobalite	14464-46-1	2950			2.334		09/30/97	10/21/13	08/06/12
729	Crocidolite	12001-28-4						01/04/99	08/02/13	01/19/12
730	**Crotonaldehyde**	**4170-30-3**	102.2	30	25	0.8516 @ 20°C	21000	11/30/92	02/12/15	08/24/07
731	**Crotonaldehyde, trans-**	**123-73-9**	102.2			0.853		03/01/00	03/06/15	08/24/07
732	Crotonic Acid	3724-65-0	185	0.19	20	1.018 @ 15°C		06/13/02	08/02/13	12/31/11
733	Crystal violet; (Aniline violet)	548-62-9						07/11/07	08/02/13	12/31/11
734	Cs7SB; (1-(2,2,3,3-Tetrafluoropropoxy)-3-(4-sec-butylphenoxy)-2-propanol)	308362-88-1						07/11/07	08/02/13	12/31/11
735	Cube Resin other than Rotenone	z-0122						02/19/08	08/02/13	12/31/11
736	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	153	3.27x10-3	25	1.06 @ 20°C	9000	01/04/99	02/05/13	07/18/12
737	**Cumene; (Isopropyl benzene)**	**98-82-8**	152.41	7.5	33	0.864	9000	11/15/96	03/06/15	12/31/11
738	Cumenol methylcarbamate, m-; (3-(1-Methylethyl)phenol methylcarbamate)	64-00-6	143	0.4	25			12/08/02	08/02/13	09/28/12
739	Cupferron; (Ammonium-N-nitrosophenylhydroxylamine)	135-20-6						01/04/99	08/02/13	09/26/12
740	Cupric acetate, anhydrous; (Copper acetate)	142-71-2						06/13/02	02/12/14	02/12/14
741	Cupric nitrate hemipentahydrate	19004-19-4	170 dec					08/21/96	02/12/14	02/12/14
742	Cupric nitrite	14984-71-5						12/08/02	12/04/13	12/04/13
743	Cupric oxide	1317-38-0	1026 dec			6.4		08/07/98	02/12/14	06/06/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
744	Cyanamide	420-04-2	42.04	mg/m^3	1.72	CH2N2	S	45.56
745	Cyanic acid; (Hydrogen cyanate)	420-05-3	43.025	ppm	1.76	CHNO	G/L unstabl	-86
746	Cyanide	57-12-5	26.02	mg/m^3	1.06	CN	S	
747	Cyanoacetamide	107-91-5	84.08	mg/m^3	3.44	C3H4N2O	S	121.5
748	**Cyanogen**	**460-19-5**	52.03	ppm	2.13	C2N2	G	-27.83
749	Cyanogen bromide	506-68-3	105.93	mg/m^3	4.33	BrCN	S	52
750	**Cyanogen chloride**	**506-77-4**	61.47	ppm	2.51	CClN	G	-6.5
751	Cyanogen iodide	506-78-5	152.92	mg/m^3	6.25	CIN	S	146.5
752	Cyanoguanidene; (Guanidine, cyano-; Dicyandiamido)	461-58-5	84.08	mg/m^3	3.44	C2H4N4	S	209.5
753	Cyanophos	2636-26-2	243.23	mg/m^3	9.94	C9.H10.N.O3.P.S	L	14-15
754	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	129.09	mg/m^3	5.28	C3H3N3O3	S	360
755	Cyanuric chloride	108-77-0	184.41	mg/m^3	7.54	C3Cl3N3	S	146ºC
756	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	135.06	mg/m^3	5.52	C3F3N3	L	-38
757	Cyclohexane	110-82-7	84.16	ppm	3.44	C6H12	L	6.59
758	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7	346.3364	mg/m^3	14.16	C14.H22.N2.O8	S	213-216
759	Cyclohexanediamine, 1,2-	694-83-7	114.22	mg/m^3	4.67	C6.H14.N2	L	
760	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	144.24	mg/m^3	5.90	C8.H16.O2	S	41-61
761	Cyclohexanol	108-93-0	100.16	ppm	4.09	C6.H12.O	L	24
762	Cyclohexanone; (Ketohexamethylene)	108-94-1	98.14	ppm	4.01	C6H10O	L	-27.9
763	Cyclohexene	110-83-8	82.15	ppm	3.36	C6H10	L	-103.7
764	Cycloheximide	66-81-9	281.39	mg/m^3	11.50	C15.H23.N.O4	S	119-121
765	**Cyclohexyl isocyanate**	**3173-53-3**	125.19	ppm	5.12	C7.H11.N.O	S	168-170

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
744	Cyanamide	420-04-2	140 @ 19mmHg	3.75x10-3	20	1.282 @ 20°C		09/30/97	07/24/13	07/24/13
745	Cyanic acid; (Hydrogen cyanate)	420-05-3	23			1.140 @ 20°C		07/11/07	04/21/14	04/21/14
746	Cyanide	57-12-5						12/30/95	04/21/14	09/26/12
747	Cyanoacetamide	107-91-5	dec					09/30/97	07/14/13	12/31/11
748	**Cyanogen**	**460-19-5**	-21.1	750	-21.4	0.9537 @ 21°C	66000	09/30/97	02/09/15	01/21/10
749	Cyanogen bromide	506-68-3	61.6	122	25	2.015 @ 20°C		06/13/02	05/26/15	04/21/14
750	**Cyanogen chloride**	**506-77-4**	13.1	1230	25	1.186		08/07/98	04/21/14	05/29/13
751	Cyanogen iodide	506-78-5	> 45 subl	1	25.2	2.84		01/04/99	09/11/15	04/21/14
752	Cyanoguanidene; (Guanidine, cyano-; Dicyandiamido)	461-58-5		3		1.4		04/14/04	10/21/13	01/17/12
753	Cyanophos	2636-26-2	119-120			1.255-1.265		12/08/02	07/14/13	09/26/12
754	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	380 subl			1.75		04/14/04	07/14/13	09/14/12
755	Cyanuric chloride	108-77-0	194 @ 764 mmHg	2	70	1.32 @ 20°C		04/21/11	07/09/13	06/17/13
756	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	72.4			1.60		12/08/02	04/21/14	09/14/12
757	Cyclohexane	110-82-7	80.73	75	19.3	0.7739	13000	12/30/95	03/06/15	05/03/12
758	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7						10/11/05	08/02/13	12/31/11
759	Cyclohexanediamine, 1,2-	694-83-7	92-93@ 18mmHg			0.952 @ 20°C		09/05/08	07/14/13	12/31/11
760	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	274			1.0381		10/11/05	07/14/13	12/31/11
761	Cyclohexanol	108-93-0	161.5	1	21	0.962 @ 20°C		06/13/02	03/06/15	06/07/12
762	Cyclohexanone; (Ketohexamethylene)	108-94-1	155.43	7.5	36	0.9421	11000	09/30/97	07/14/13	09/14/12
763	Cyclohexene	110-83-8	83	89	25	0.8102		08/21/96	03/06/15	09/14/12
764	Cycloheximide	66-81-9		0.006	25			06/13/02	09/19/12	09/19/12
765	**Cyclohexyl isocyanate**	**3173-53-3**						09/05/08	02/12/15	02/12/15

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
766	Cyclohexyl methyl phosphonic acid	1932-60-1	178.17	mg/m^3	7.28	C7.H15.O3.P	S	41.2-43.8
767	**Cyclohexylamine**	**108-91-8**	99.17	ppm	4.05	C6H13N	L	-17.8
768	Cyclohexylamino)-1-propanesulfonic acid, 3-; (CAPS)	1135-40-6	221.35	mg/m^3	9.05	C9.H19.N.O3.S	S	300
769	Cyclohexylethanol, 2-	4442-79-9	128.24	mg/m^3	5.24	C8.H16.O	L	87
770	Cyclooctadiene, 1,5-	111-78-4	108.2	ppm	4.42	C8H12	L	-69
771	Cyclooctane	292-64-8	112.213	ppm	4.59	C8.H16	L	15
772	Cyclooctatetraene, 1,3,5,7-	629-20-9	104.1512	ppm	4.26	C8H8	??	-7
773	Cyclooctene, cis-	931-87-3	110.197	mg/m^3	4.50	C8.H14	L	-12
774	Cyclopentane	287-92-3	70.133	ppm	2.87	C5.H10	L	-93.7
775	Cyclopentanone	120-92-3	84.12	ppm	3.44	C3H8O	L	-51.3
776	Cyclopropane	75-19-4	42.09	ppm	1.72	C3.H6	G	-126.6
777	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	296.2	mg/m^3	12.11	C4.H8.N8.O8	S	279
778	Cyclotol; (RDX-TNT mixture)	8065-53-0	449.3	mg/m^3	18.36	C7.H5.N3.O6.C3.H6.N6.O6	S	
779	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	222.15	mg/m^3	9.08	C3H6N6O6	S	202
780	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6	323.23	mg/m^3	13.21	C9H14N3O8P	S	233 dec
781	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6	143.995187	mg/m^3	5.89	CH2AlNaO5	S	
782	DDD; (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	320.04	mg/m^3	13.08	C14H10Cl4	S	109.5
783	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9	318.03	mg/m^3	13.00	C14H8Cl4	S	89
784	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	354.49	mg/m^3	14.49	C14H9Cl5	S	108.5
785	Decaborane	17702-41-9	122.24	mg/m^3	5.00	B10.H14	S	99.6
786	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	252.07	ppm	10.30	C5.H2.F10	L	
787	Decahydronaphthalene, includes -cis (493-01-6) and -trans (493-02-7) isomers	91-17-8	138.25	ppm	5.65	C10.H18	L	-43

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
766	Cyclohexyl methyl phosphonic acid	1932-60-1						10/11/05	07/17/13	12/31/11
767	**Cyclohexylamine**	**108-91-8**	134	7.5	22	0.8647	15000	07/09/97	06/07/12	12/31/07
768	Cyclohexylamino)-1-propanesulfonic acid, 3-; (CAPS)	1135-40-6						07/11/07	07/17/13	07/05/12
769	Cyclohexylethanol, 2-	4442-79-9	208			0.9229 @ 20°C		10/11/05	08/02/13	12/31/11
770	Cyclooctadiene, 1,5-	111-78-4	150.8			0.8818		04/14/04	03/06/15	07/17/13
771	Cyclooctane	292-64-8	151			0.836		07/11/07	11/21/13	11/21/13
772	Cyclooctatetraene, 1,3,5,7-	629-20-9	142-143	7.9	25	0.925		06/13/02	07/17/13	
773	Cyclooctene, cis-	931-87-3	142			0.8472 @ 20°C		10/11/05	07/19/13	07/19/13
774	Cyclopentane	287-92-3	49.3	317.8	25	0.7457 @ 20°C	15000	06/13/02	03/06/15	10/05/12
775	Cyclopentanone	120-92-3	130.6	11.4	25	0.95 @ 20°C		07/11/07	07/17/13	10/05/12
776	Cyclopropane	75-19-4	-33.5	5410	25	1.879 @ 0°C	24000	12/08/02	07/17/13	12/31/11
777	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	expl @ 279					12/08/02	08/02/13	12/12/11
778	Cyclotol; (RDX-TNT mixture)	8065-53-0						12/08/02	07/17/13	07/17/13
779	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	expl	0.0004	110	1.82		03/01/00	07/17/13	07/17/13
780	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6						04/14/04	07/17/13	12/31/11
781	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6						12/08/02	11/25/13	11/25/13
782	DDD; (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	193 @ 1mmHg	1.35x10-6	25	1.476 @ 20°C		08/21/96	07/17/13	12/31/11
783	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9		6.0x10-6	25			08/21/96	07/17/13	12/31/11
784	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	260	1.6x10-7	20	0.98-0.99		08/21/96	02/05/13	02/05/13
785	Decaborane	17702-41-9	213	0.05	25	0.94		06/13/02	11/11/13	12/31/11
786	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	55	226	25	1.58		07/11/07	10/29/14	10/29/14
787	Decahydronaphthalene, includes -cis (493-01-6) and -trans (493-02-7) isomers	91-17-8	155.5	2.3	25	0.8965 @ 22°C	7000	06/13/02	07/17/13	07/17/13

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788	Decamethylcyclopentasiloxane	541-02-6	370.77	ppm	15.15	C10H30O5Si5	L	-38
789	Decanal	112-31-2	156.3	ppm	6.39	C10.H20.O	L	-5
790	Decane	124-18-5	142.28	ppm	5.82	C10H22	L	-29.6
791	Decene, 1-, homopolymer, hydrogenated	68037-01-4		mg/m^3		[Unknown]	L	-65
792	Decyl alcohol; (1-Decanol)	112-30-1	158.32	mg/m^3	6.47	C10.H22.O	L	7
793	Demeton	8065-48-3	516.72	mg/m^3	21.12	(C8.H19.O3.P.S2)2	L	
794	Demeton-S-methyl	919-86-8	230.3	mg/m^3	9.41	C6.H15.O3.P.S2	L	
795	Deuterium	7782-39-0	4.03	ppm	0.16	D2	G	-254.43
796	Deuterochloric acid; (Deuterium chloride)	7698-05-7	37.47	ppm	1.53	D.Cl	G	-114
797	Di(ethylene glycol) diacrylate	4074-88-8	214.24	mg/m^3	8.76	C10.H14.O5	L	
798	Di-2-ethylhexyl adipate	103-23-1	370.57	mg/m^3	15.15	C22H42O4	L	-67.8
799	Diacetoxydibutyl stannane	1067-33-0	351.05	mg/m^3	14.35	C12.H24.O4.Sn	L	10
800	Diacetoxyscirpenol; (Anguidin; mycotoxin)	2270-40-8	354.44	mg/m^3	14.49	C18H2607	S	
801	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	118.04	mg/m^3	4.82	C.H3.C.O.O.O.C.O.C.H3	S	30
802	Dialifor	10311-84-9	393.846	mg/m^3	16.10	C14H17NO4PS2	S crystals	68
803	Diallyl phthalate	131-17-9	246.28	mg/m^3	10.07	C14.H14.O	L	-70
804	Diallyldimethylammonium chloride	7398-69-8	161.7	mg/m^3	6.61	C8.H16.N.Cl	S crystals	
805	Diallyldimethylammonium chloride polymer	26062-79-3		mg/m^3		(C8.H16.N.Cl)x	S	
806	Diamino-6-(2'-methylimidazol-1-yl)ethyl-s-triazine, 2,4-; (1,3,5-Triazine-2,4-diamine, 6-(2-(2-methyl-1H-imidazol-1-yl)ethyl)-; Curezol 2MEA-PW)	38668-46-1	219.2486	mg/m^3	8.96	C9.H13.N7	S	
807	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	200.26	mg/m^3	8.18	C12.H12.N2.O	S	187
808	Diaminodiphenylsulfone; (4,4'-Sulfonyldianiline)	80-08-0	248.32	mg/m^3	10.15	C12.H12.N2.O2.S	L	176

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
788	Decamethylcyclopentasiloxane	541-02-6	210	7.5x10-2	19	0.9593 @ 20°C		07/09/97	05/30/13	05/30/13
789	Decanal	112-31-2	208.5	0.103	25	0.830 @ 15°C		12/08/02	03/06/15	12/31/11
790	Decane	124-18-5	174.15	1.43	25	0.7266	8000	01/04/99	03/06/15	01/09/14
791	Decene, 1-, homopolymer, hydrogenated	68037-01-4	375-->	<1	20	0.82		01/10/01	07/17/13	12/31/11
792	Decyl alcohol; (1-Decanol)	112-30-1	232.9	1	69.5	0.83 @ 20°C		04/14/04	03/06/15	07/17/13
793	Demeton	8065-48-3	134 @ 2 mm			1.1183 @ 20°C		12/08/02	03/06/15	12/31/11
794	Demeton-S-methyl	919-86-8	89 @ 0.15mm	0.0003	20	1.21 @ 20°C		12/08/02	08/02/13	12/31/11
795	Deuterium	7782-39-0	-249.49			0.169 @ -250.9°C	50000	04/14/04	03/06/15	12/06/07
796	Deuterochloric acid; (Deuterium chloride)	7698-05-7	-85					07/11/07	08/02/13	06/12/09
797	Di(ethylene glycol) diacrylate	4074-88-8	200			1.118		07/11/07	08/02/13	12/31/11
798	Di-2-ethylhexyl adipate	103-23-1	214 @ 5 mmHg	8.5x10-7	20	0.922	4000	09/30/97	03/06/15	12/31/11
799	Diacetoxydibutyl stannane	1067-33-0	130	1.3	20	1.31		10/11/05	07/10/14	07/10/14
800	Diacetoxyscirpenol; (Anguidin; mycotoxin)	2270-40-8						01/19/15		
801	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	63ºC @ 21 mmHg			1.18		12/08/02	10/31/14	06/07/12
802	Dialifor	10311-84-9		6.2E-08	25			12/08/02	08/02/13	07/05/12
803	Diallyl phthalate	131-17-9	157	2.4	150	1.120 @ 20°C		04/14/04	08/02/13	06/07/12
804	Diallyldimethylammonium chloride	7398-69-8						07/11/07	08/02/13	03/06/12
805	Diallyldimethylammonium chloride polymer	26062-79-3						04/14/04	08/02/13	12/31/11
806	Diamino-6-(2'-methylimidazol-1-yl)ethyl-s-triazine, 2,4-; (1,3,5-Triazine-2,4-diamine, 6-(2-(2-methyl-1H-imidazol-1-yl)ethyl)-; Curezol 2MEA-PW)	38668-46-1						09/05/08	08/02/13	12/31/11
807	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	>300	0.0000003	25			06/13/02	08/02/13	08/02/13
808	Diaminodiphenylsulfone; (4,4'-Sulfonyldianiline)	80-08-0						04/14/04	08/02/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
809	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	131.26	ppm	5.36	C6.H17.N3	L	-14.5
810	Diaminopyridine, 2,6-	141-86-6	109.15	mg/m^3	4.46	C5.H7.N3	S	121.5
811	Diammonium dimolybdate; (Ammonium molybdenum oxide)	27546-07-2	337.9135	mg/m^3	13.81	H4.Mo2.N.O8	S	
812	Diammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8	124.12	mg/m^3	5.07	C2H8N2O4	S	dec
813	Diammonium sulfide; (Ammonium sulfide)	12135-76-1	68.14	ppm	2.78	H8N2S	L	decom
814	Diamond	7782-40-3	12.01	mg/m^3	0.49	C	S	4440 @ 12.4 Gpa
815	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0	317.24	mg/m^3	12.97	C14.H16.N2.O2.2Cl.H	S	137
816	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	112.2	mg/m^3	4.59	C6.H12.N2	S hygr.	158
817	Diazabicyclo(5.4.0)undec-7-ene, 1,8-	6674-22-2	152.24	mg/m^3	6.22	C9.H16.N2	L	-70
818	Diazoacetic acid, ethyl ester; (Ethyl diazoacetate)	623-73-4	114.12	mg/m^3	4.66	C4.H6.N2.O2	L	-22
819	Diazomethane	334-88-3	42.04	ppm	1.72	CH2N2	G	-145
820	Dibenza(a,h)anthracene	53-70-3	278.35	mg/m^3	11.38	C22H14	S	266.8
821	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4	302.38	mg/m^3	12.36	C24.H14	S	225
822	Dibenzofuran	132-64-9	168.2	mg/m^3	6.87	C12.H8.O	S	86.5
823	Dibenzo-p-dioxin	262-12-4	184.2	mg/m^3	7.53	C12.H8.O2	S	119
824	**Diborane**	**19287-45-7**	27.67	ppm	1.13	B2H6	G	-164.85
825	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	236.33	ppm	9.66	C3H5Br2Cl	L	5
826	Dibromo-4-nitrophenol, 2,6-	99-28-5	296.9	ppm	12.13	C6H3Br2NO3	S	145 dec
827	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	208.28	mg/m^3	8.51	CHBr2Cl	L	-20
828	Dibromohexane, 1,6-	629-03-8	244	mg/m^3	9.97	C6.H12.Br	L	-1.2
829	Dibromomethane; (Methylene dibromide)	74-95-3	173.85	ppm	7.11	CH2Br2	L	-52.7
830	Dibromophenol, 2,6-	608-33-3	251.91	mg/m^3	10.30	C6-H4-Br2-O		

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
809	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	235			0.938		10/11/05	08/02/13	12/31/11
810	Diaminopyridine, 2,6-	141-86-6	285					07/11/07	08/02/13	12/31/11
811	Diammonium dimolybdate; (Ammonium molybdenum oxide)	27546-07-2						07/11/07	04/10/14	12/31/11
812	Diammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8				1.5		08/07/98	08/03/13	07/19/13
813	Diammonium sulfide; (Ammonium sulfide)	12135-76-1	104					06/13/02	03/06/15	06/04/13
814	Diamond	7782-40-3				3.513		10/11/05	10/11/05	12/31/11
815	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0		8.8E-09	25			06/13/02	11/21/13	11/21/13
816	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	174					10/11/05	08/03/13	08/03/13
817	Diazabicyclo(5.4.0)undec-7-ene, 1,8-	6674-22-2	80-83 @ 0.6 mm	5.3	37.7	1.018		07/11/07	03/06/15	12/31/11
818	Diazoacetic acid, ethyl ester; (Ethyl diazoacetate)	623-73-4	141 @ 720 mm			1.085		07/11/07	10/09/13	08/03/13
819	Diazomethane	334-88-3	-23			1.45		09/30/97	01/26/13	06/12/12
820	Dibenza(a,h)anthracene	53-70-3	524			1.282		12/30/95	08/03/13	12/31/11
821	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4						06/13/02	10/25/13	12/13/11
822	Dibenzofuran	132-64-9	287	0.0044	25	1.0866 @ 99°C		06/13/02	06/24/14	12/31/11
823	Dibenzo-p-dioxin	262-12-4		4.1E-4	25			06/13/02	06/24/14	12/31/11
824	**Diborane**	**19287-45-7**	-92.49	750	-92.6	1.131	8000	12/30/95	03/02/15	08/27/14
825	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	196	0.58	20	1.093 @ 14°C		09/30/97	10/02/13	07/02/13
826	Dibromo-4-nitrophenol, 2,6-	99-28-5						12/08/02	08/03/13	12/31/11
827	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	120	5.54	25	2.451 @ 20°C		09/30/97	08/03/13	09/19/12
828	Dibromohexane, 1,6-	629-03-8	245.5			1.6025		07/11/07	08/03/13	12/31/11
829	Dibromomethane; (Methylene dibromide)	74-95-3	97	44.4	25	2.497 @ 20°C		01/04/99	06/08/12	06/08/12
830	Dibromophenol, 2,6-	608-33-3						12/08/02	12/04/13	12/04/13

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
831	Dibromopropane, 1,3-	109-64-8	201.91	mg/m^3	8.25	C3H6Br2	L	-34.5
832	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	259.84	ppm	10.62	C2.Br2.F4	L	-112
833	Dibutyl (2-ethylhexyl)phosphate	z-0011	322.43	ppm	13.18	[Unknown]		
834	Dibutyl butylphosphonate	78-46-6	250.36	ppm	10.23	C12.H27.O3.P	L	
835	Dibutyl peroxide, tert-	110-05-4	146.26	ppm	5.98	C8.H18.O2	L	-40
836	Dibutyl phosphate	107-66-4	210.2	ppm	8.59	C8H19O4P	L	-13
837	Dibutyl phosphite	1809-19-4	194.24	mg/m^3	7.94	C8.H19.O3.P	L	
838	Dibutyl phthalate	84-74-2	278.34	mg/m^3	11.38	C16H22O4	L	-35
839	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4	274.11	mg/m^3	11.20	C.F3.S.O3.B.[(C.H3)C.H3]2	S	4.44
840	Dibutylhexamethylenediamine, N,N'-	4835-11-4	228.48	mg/m^3	9.34	C14.H32.N2	L	
841	Dibutyltin dilaurate; (Dibutylbis(lauroyloxy)stannane)	77-58-7	631.65	mg/m^3	25.82	C32.H64.O4.Sn	L	23
842	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9	207.02	mg/m^3	8.46	C6.H4.Cl2.N2.O2	S needles	191
843	Dichloro(4,4-dimethylzinc - 5((((methylamino)carbonyl)oxy)imino)pentanenitrile), (trans-4)-; (Ethienocarb)	58270-08-9	333.54	mg/m^3	13.63	C9.H15.Cl2.N3.O2.Zn	S	120-125
846	Dichloro-2-butene, 1,4-	764-41-0	125	ppm	5.11	C4H6Cl2	L	3.5
847	Dichloro-2-propanol, 1,3-	96-23-1	128.99	ppm	5.27	C3.H6.Cl2.O	L	-4
848	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2	255.03	mg/m^3	10.42	C8.H3.Cl2.F3.N2	S	212-214
849	Dichloroacetic acid	79-43-6	128.95	ppm	5.27	C2.Cl2.H2.O2	L	10
850	**Dichloroacetyl chloride**	**79-36-7**	147.38	ppm	6.02	C2.H.Cl3.O	L	
851	Dichloroacetylene	7572-29-4	94.92	ppm	3.88	C2.Cl2	L	-65
852	Dichloroamine; (Chlorimide)	3400-09-7	85.92	ppm	3.51	Cl2.H.N	L	
853	Dichlorobenzene, m-	541-73-1	147	ppm	6.01	C6H4Cl2	L	-24.8

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
831	Dibromopropane, 1,3-	109-64-8	166.5	1.36	25	1.977		01/04/99	08/03/13	06/08/12
832	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	47.3			2.149		06/13/02	08/03/13	12/31/11
833	Dibutyl (2-ethylhexyl)phosphate	z-0011						12/08/02	02/06/14	02/06/14
834	Dibutyl butylphosphonate	78-46-6	160-162			0.948 @ 20°C		12/08/02	12/13/13	12/31/11
835	Dibutyl peroxide, tert-	110-05-4	111	25.1	25	0.791		12/08/02	03/06/15	12/31/11
836	Dibutyl phosphate	107-66-4	135-8 @ 0.05mm	3.8x10-5	25	1.06 @ 20°C		08/07/98	03/06/15	12/31/11
837	Dibutyl phosphite	1809-19-4	95 @1 mm	1	95	0.986		06/13/02	05/12/15	05/12/15
838	Dibutyl phthalate	84-74-2	340	7.5x10-2	104	1.0465 @ 20°C	5000	12/30/95	07/04/13	12/31/11
839	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4				0.815		07/11/07	10/21/13	12/31/11
840	Dibutylhexamethylenediamine, N,N'-	4835-11-4	205	0.0004	25			12/08/02	08/03/13	12/31/11
841	Dibutyltin dilaurate; (Dibutylbis(lauroyloxy)stannane)	77-58-7	205 @ 10 mmHg			1.06 @ 20°C		03/22/10	07/03/14	07/03/14
842	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9		0.16mPa	20			06/13/02	07/04/13	12/08/11
843	Dichloro(4,4-dimethylzinc - 5((((methylamino)carbonyl)oxy)imino)pentanenitrile), (trans-4)-; (Ethienocarb)	58270-08-9		0.00001	25			12/08/02	10/08/12	10/08/12
846	Dichloro-2-butene, 1,4-	764-41-0	158	3	25	1.185 No temp		12/30/95	03/06/15	06/17/13
847	Dichloro-2-propanol, 1,3-	96-23-1	174	1	28	1.367 @ 20°C		10/11/05	08/03/13	12/31/11
848	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2		0.00004	22.5	3.49		12/08/02	10/08/12	10/08/12
849	Dichloroacetic acid	79-43-6	194	1	44	1.5634 @ 20°C		10/11/05	03/06/15	10/18/13
850	**Dichloroacetyl chloride**	**79-36-7**	108			15315 @ 16°C		10/11/05	08/27/15	08/17/07
851	Dichloroacetylene	7572-29-4	33			1.26		12/08/02	08/03/13	07/04/13
852	Dichloroamine; (Chlorimide)	3400-09-7				1.2		06/13/02	11/19/14	07/04/13
853	Dichlorobenzene, m-	541-73-1	173	0.75	8	1.2884 @ 20°C		12/30/95	03/06/15	07/13/13

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
854	Dichlorobenzene, o-	95-50-1	147	ppm	6.01	C6H4Cl2	L	-17
855	Dichlorobenzene, p-	106-46-7	147	ppm	6.01	C6H4Cl2	S	53.09
856	Dichlorobenzidene, 3,3'-	91-94-1	253.13	ppm	10.35	C12H10Cl2N2	S	132.5
857	Dichlorocyclohexane, 1,1-	2108-92-1	153.05	ppm	6.26	C6.H10.Cl2		
858	Dichlorocyclohexane, trans-1,2-	822-86-6	153.05	ppm	6.26	C6H10Cl2	L	
859	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	120.91	ppm	4.94	CCl2F2	G	-157.1
860	Dichloroethanol acetate, 1,2-	10140-87-1	157	ppm	6.42	C4.H6.Cl2.O2	L	<-32
861	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane; Bis(2-chloroethyl)ether)	111-44-4	143.01	ppm	5.85	C4H8Cl2O	L	-51.9
862	Dichloroethylaluminum	563-43-9	126.95	mg/m^3	5.19	C2.H5.Al.Cl2	S fuming	32
863	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	175.06	mg/m^3	7.15	C8H8Cl2	L	<70
864	Dichloroethylene, 1,2-	540-59-0	96.95	ppm	3.96	C2H2Cl2	L	-50
865	**Dichloroethylene, cis-1,2-**	**156-59-2**	96.94	ppm	3.96	C2H2Cl2	L	-80
866	**Dichloroethylene, trans-1,2-**	**156-60-5**	96.94	ppm	3.96	C2H2Cl2	L	-49.8
867	Dichlorofluoromethane; (Freon 21, CFC 21)	75-43-4	102.92	ppm	4.21	CHCl2F	G	-130.4
868	Dichlorohexane, 1,2-	2162-92-7	155.07	ppm	6.34	C6.H12.Cl2		
869	Dichlorohexane, 1,6-	2163-00-0	155.07	ppm	6.34	Cl.(C.H2)8.Cl	L	
870	Dichloroisopropyl ether	108-60-1	171.06	ppm	6.99	C6H12Cl2O	L	-96.8 to -101.8
871	Dichloromethane-d2	1665-00-5	86.94	ppm	3.55	C.D2.Cl2	L	-97
872	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	173.05	ppm	7.07	C5.H10.Cl2.O2	L	-32.8
873	**Dichloromethyl ether; (bis(Chloromethyl)ether)**	**542-88-1**	114.96	ppm	4.70	C2H4Cl2O	L	-41.5
874	Dichloromethylphenylsilane	149-74-6	191.14	ppm	7.81	C7.H8.Cl2.Si	L	
875	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	116.9145	ppm	4.78	C.H3.Cl2.P	L	

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
854	Dichlorobenzene, o-	95-50-1	180	0.75	16.3	1.3059 @ 20°C	22000	12/30/95	03/06/15	09/19/12
855	Dichlorobenzene, p-	106-46-7	174	0.75	8	1.2475 @ 55°C		12/30/95	03/06/15	06/18/13
856	Dichlorobenzidene, 3,3'-	91-94-1	402					10/31/92	06/18/13	06/18/13
857	Dichlorocyclohexane, 1,1-	2108-92-1						12/08/02	11/14/14	12/04/13
858	Dichlorocyclohexane, trans-1,2-	822-86-6						03/01/00	11/14/14	11/14/14
859	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	-29.8	750	-30	1.486 @-29.8°C		11/30/92	08/03/13	12/31/11
860	Dichloroethanol acetate, 1,2-	10140-87-1	79-79.5 @ 33 mm			1.296 @ 20°C		12/08/02	10/08/12	10/08/12
861	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane; Bis(2-chloroethyl)ether)	111-44-4	178.5	0.75	19.8	1.22 @ 20°C	27000	12/30/95	08/03/13	12/31/11
862	Dichloroethylaluminum	563-43-9	194			1.222		12/08/02	02/27/14	09/19/12
863	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	220-224			1.208		09/30/97	08/03/13	12/31/11
864	Dichloroethylene, 1,2-	540-59-0	55	2.01x10+2	25	~1.28 No temp	56000	12/30/95	10/16/13	12/31/11
865	**Dichloroethylene, cis-1,2-**	**156-59-2**	60.1	75	3.8	1.2837 @ 20°C	56000	09/30/97	03/06/15	10/11/05
866	**Dichloroethylene, trans-1,2-**	**156-60-5**	48.7	750	47.3	1.2565 @ 20°C	56000	09/30/97	03/06/15	08/17/07
867	Dichlorofluoromethane; (Freon 21, CFC 21)	75-43-4	8.9	750	8.6	1.405 @ 9°C		11/30/92	08/12/13	08/03/13
868	Dichlorohexane, 1,2-	2162-92-7						12/08/02	08/20/14	12/04/13
869	Dichlorohexane, 1,6-	2163-00-0	87-90 @ 15 mm			1.068		07/22/08	03/06/15	08/20/14
870	Dichloroisopropyl ether	108-60-1	187	0.75	27.3	1.103 @ 20°C		12/30/95	03/06/15	12/31/11
871	Dichloromethane-d2	1665-00-5	40			1.325		07/11/07	03/06/15	06/11/09
872	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	217.5	0.1	20	1.2339 @ 20°C		06/13/02	06/06/13	06/06/13
873	**Dichloromethyl ether; (bis(Chloromethyl)ether)**	**542-88-1**	106	29.4	25	1.323 @ 15°C		08/21/96	02/12/15	12/31/11
874	Dichloromethylphenylsilane	149-74-6	205			1.18 @ 20°C		06/13/02	10/25/13	06/03/13
875	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	80-81 @ 729 mm			1.3		04/14/04	11/21/13	11/21/13

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
876	Dichlorooctane, 1,8-	2162-99-4	183.12	mg/m^3	7.484367	C8.H16.Cl2	L	
877	Dichlorophene	97-23-4	269.13	mg/m^3	11.00	C13H10Cl2O2	S	178
878	**Dichlorophenol, 2,4-**	**120-83-2**	163	ppm	6.66	C6H4Cl2O	S	45
879	Dichlorophenol, 2,6-	87-65-0	163	mg/m^3	6.66	C6H4Cl2O	S	68.5
880	Dichlorophenoxyacetic acid, 2,4-; (2,4-D)	94-75-7	221.04	mg/m^3	9.03	C8H6Cl2O3	S	140.5
881	Dichloropropane, 1,1-	78-99-9	112.99	ppm	4.62	C3H6Cl2	L	
882	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	112.99	ppm	4.62	C3H6Cl2	L	-100.4
883	Dichloropropane, 1,3-	142-28-9	112.99	ppm	4.62	C3H6Cl2	L	-99.5
884	Dichloropropane, 2,2-	594-20-7	112.99	ppm	4.62	C3H6Cl2	L	-33.9
885	Dichloropropene, 1,1-	563-58-6	110.97	ppm	4.54	C3H4Cl2		
886	Dichloropropene, 1,2-; (including cis- isomer, 6923-20-2)	563-54-2	110.97	ppm	4.54	C3H4Cl2	L	
887	Dichloropropene, 1,3-; (including cis- and trans- isomers)	542-75-6	110.97	ppm	4.54	C3H4Cl2	L	<-50
888	Dichloropropene, 2,3-	78-88-6	110.97	ppm	4.54	C3.H4.Cl2	L	10
889	**Dichlorosilane**	**4109-96-0**	101.01	ppm	4.13	Cl.H2.Si	G	-122
890	Dichlorotetrafluoroethane	1320-37-2	170.92	ppm	6.99	C2.Cl2.F4	G	-94
891	Dichlorotetrafluoroethane, 1,2-; (Freon 114, CFC 114)	76-14-2	170.92	ppm	6.99	C2Cl2F4	G	-93.9
892	Dichlorovos; (Dichlorvos)	62-73-7	220.98	mg/m^3	9.03	C4H7Cl2O4P	L	< -60
893	Dicrotophos	141-66-2	237.22	mg/m^3	9.70	C8.H16.N.O5.P	L	
894	Dicyclohexano-18-crown-6	16069-36-6	372.56	mg/m^3	15.23	C20H36O6	S wax	38-54
895	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	166.3	mg/m^3	6.80	C6.H11.C6.H11	L	3.4
896	Dicyclohexylcarbodiimide	538-75-0	206.37	mg/m^3	8.43	C13.H22.N2	S	34.5
897	**Dicyclopentadiene**	**77-73-6**	132.22	ppm	5.40	C10.H12	L	32.9

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
876	Dichlorooctane, 1,8-	2162-99-4	115-116 @ 11 mm			1.025		07/22/08	08/13/13	08/13/13
877	Dichlorophene	97-23-4		9.75x10-11	25			01/04/99	08/12/13	12/31/11
878	**Dichlorophenol, 2,4-**	**120-83-2**	210	0.09	25			12/30/95	11/11/13	
879	Dichlorophenol, 2,6-	87-65-0	220	0.033	25	1.653 @ 20°C		12/30/95	12/04/13	12/31/11
880	Dichlorophenoxyacetic acid, 2,4-; (2,4-D)	94-75-7	160 @ 0.4mmHg	8.25x10-8	20	1.42		12/30/95	10/10/13	06/03/13
881	Dichloropropane, 1,1-	78-99-9	88.1	65.9	25	1.1321 @ 20°C		06/13/02	03/06/15	12/31/11
882	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	96.4	53.3	25	1.159	34000	12/30/95	08/20/14	08/20/14
883	Dichloropropane, 1,3-	142-28-9	120.9	18.2	25	1.1876		09/30/97	03/06/15	06/03/13
884	Dichloropropane, 2,2-	594-20-7	69.3			1.1136 @ 20°C		09/30/97	03/06/15	06/03/13
885	Dichloropropene, 1,1-	563-58-6	76.5			1.1864		09/30/97	06/06/13	12/31/11
886	Dichloropropene, 1,2-; (including cis- isomer, 6923-20-2)	563-54-2	75	90.8	20	1.1818 @ 20°C		09/30/97	03/06/15	12/31/11
887	Dichloropropene, 1,3-; (including cis- and trans- isomers)	542-75-6	108	34	25	1.22	53000	12/30/95	03/06/15	12/09/11
888	Dichloropropene, 2,3-	78-88-6	94	61.2	25	1.211 @ 20°C	26000	06/13/02	08/21/14	12/09/11
889	**Dichlorosilane**	**4109-96-0**	8.3				41000	12/08/02	02/12/15	04/20/07
890	Dichlorotetrafluoroethane	1320-37-2	4.1			1.5312		10/11/05	09/23/14	06/06/13
891	Dichlorotetrafluoroethane, 1,2-; (Freon 114, CFC 114)	76-14-2	3.8	2014	25	1.455		09/30/97	09/23/14	09/23/14
892	Dichlorovos; (Dichlorvos)	62-73-7	120 @ 14 mm	1.58x10-2	25	1.42		09/30/97	04/09/14	12/31/11
893	Dicrotophos	141-66-2	400	0.000086	20	1.216 @ 15°C		12/08/02	10/01/13	10/01/13
894	Dicyclohexano-18-crown-6	16069-36-6	344					08/07/98	08/12/13	12/07/11
895	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	227			0.864	7000	07/11/07	09/14/15	09/14/15
896	Dicyclohexylcarbodiimide	538-75-0						10/11/05	08/12/13	12/12/11
897	**Dicyclopentadiene**	**77-73-6**	166.6	10	47.6	0.976 @ 35°C	8000	06/13/02	08/12/13	02/27/08

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
898	Didecyldimethylammonium chloride	7173-51-5	362.16	mg/m^3	14.80	C22.H48.N.Cl		
899	Dieldrin	60-57-1	380.91	mg/m^3	15.57	C12H8Cl6O	S	175.5
900	Diesel fuels; (inlcudes diesel fuel No. 4 (68476-31-3), fuel oil No.2 (68476-30-2), fuel oil residual (68476-33-5)	68334-30-5		mg/m^3		[Unspecified]	L	
901	Diethanolamine	111-42-2	105.14	mg/m^3	4.30	C4H11NO2	S or L	28
902	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7		mg/m^3		(C10H12C10H10C8H8)x	S	
903	Diethoxydimethylsilane	78-62-6	148.31	ppm	6.06	C6H16O2Si	L	
904	Diethyl (methylthiomethyl) phosphonate	28460-01-7	198.22	ppm	8.10	C6.H15.O3.P.S	L	
905	Diethyl carbonate	105-58-8	118.15	ppm	4.83	C5.H10.O3	L	-43
906	Diethyl chlorophosphate	814-49-3	172.56	mg/m^3	7.05	C4.H10.Cl.O3.P	L/S	
907	Diethyl ethylphosphonate	78-38-6	166.16	mg/m^3	6.79	C6H15O3P	L	
908	Diethyl malonate; (Ethyl malonate)	105-53-3	160.19	ppm	6.55	C7.H12.O4	L	-49.8
909	Diethyl mercury	627-44-1	258.71	mg/m^3	10.57	C4H10Hg		
910	Diethyl methylphosphonate; (DEMP)	683-08-9	152.15	mg/m^3	6.22	C5H13O3P		X
911	Diethyl oxalate	95-92-1	146.16	mg/m^3	5.97	C6.H10.O4	L	-40.6
912	Diethyl phosphite	762-04-9	138.12	mg/m^3	5.65	C4.H11.O4.P	L	
913	Diethyl phthalate; (Ethyl phthalate)	84-66-2	222.24	mg/m^3	9.08	C12H14O4	L	-40.5
914	Diethyl pyrocarbonate	1609-47-8	162.16	mg/m^3	6.63	C6.H10.O5	L	
915	Diethyl sulfate	64-67-5	154.19	ppm	6.30	C4H10O4S	L	-24
916	Diethyl tartrate	87-91-2	206.19	mg/m^3	8.43	C8.H14.O6	L	18.7
917	Diethyl telluride	627-54-3	185.72	mg/m^3	7.59	C4.H10.Te	S	137.5
918	Diethyl trichloromethylphosphonate	866-23-9	255.47	mg/m^3	10.44141	C5.H10.Cl3.O3.P	L	
919	Diethylamine	109-89-7	73.16	ppm	2.99	C4H11N	L	-49.8

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
898	Didecyldimethylammonium chloride	7173-51-5						09/05/08	08/12/13	12/31/11
899	Dieldrin	60-57-1		5.89x10-6	25	1.75		12/30/95	08/12/13	12/31/11
900	Diesel fuels; (inlcudes diesel fuel No. 4 (68476-31-3), fuel oil No.2 (68476-30-2), fuel oil residual (68476-33-5)	68334-30-5						09/30/97	12/29/13	12/29/13
901	Diethanolamine	111-42-2	268.8	7.5x10-3	53	1.0966 @ 20°C	16000	09/30/97	09/27/12	09/27/12
902	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7						08/07/98	08/12/13	12/07/11
903	Diethoxydimethylsilane	78-62-6	114	10	13.3	0.86		03/01/00	03/06/15	12/31/11
904	Diethyl (methylthiomethyl) phosphonate	28460-01-7						04/14/04	10/25/13	08/12/13
905	Diethyl carbonate	105-58-8	126	10.8	25	0.9752 @ 20°C		07/11/07	03/06/15	05/02/12
906	Diethyl chlorophosphate	814-49-3	88-90 @ 15 mm			1.21 @ 20°C		06/13/02	09/27/12	09/27/12
907	Diethyl ethylphosphonate	78-38-6	198			1.0259 @ 20°C		01/04/99	08/12/13	12/31/11
908	Diethyl malonate; (Ethyl malonate)	105-53-3	198.9	1	40	1.055 @ 20°C		04/14/04	03/06/15	12/31/11
909	Diethyl mercury	627-44-1	159			2.43 @ 20°C		09/30/97	05/06/14	05/06/14
910	Diethyl methylphosphonate; (DEMP)	683-08-9	194			1.04 @ 30°C		03/01/00	08/12/13	12/31/11
911	Diethyl oxalate	95-92-1	185.4	1	47	1.079 @ 20°C		04/14/04	08/12/13	12/31/11
912	Diethyl phosphite	762-04-9	187-188			1.074 @ 20°C		10/11/05	08/12/13	12/31/11
913	Diethyl phthalate; (Ethyl phthalate)	84-66-2	295	7.5x10-3	12	1.232 @ 14°C	7000	12/30/95	08/12/13	12/31/11
914	Diethyl pyrocarbonate	1609-47-8	160-163			1.12		07/11/07	08/12/13	12/31/11
915	Diethyl sulfate	64-67-5	208	0.75	36	1.172		09/30/97	03/06/15	08/12/13
916	Diethyl tartrate	87-91-2	280			1.24		07/11/07	08/12/13	12/31/11
917	Diethyl telluride	627-54-3				1.5182 @ 15°C		08/17/07	08/13/13	07/09/12
918	Diethyl trichloromethylphosphonate	866-23-9	130-131 @ 14 mm			1.362		07/22/08	08/13/13	12/31/11
919	Diethylamine	109-89-7	55.5	237	25	1.39 @ 20°C	18000	08/07/98	08/13/13	05/03/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
920	Diethylaminoacetone	1620-14-0	129	ppm	5.27	C7H15NO		
921	Diethylaminopropylamine	104-78-9	130.27	mg/m^3	5.32	C7.H18.N2	L	
922	Diethylaniline, N,N-	91-66-7	149.23	mg/m^3	6.10	C10H15N	L	-38.8
923	**Diethylbenzene mixed isomers; (Dowtherm J); includes m- (141-93-5) and o- (135-01-3) isomers**	**25340-17-4**	134.24	ppm	5.49	C10.H14	L	< -31
924	**Diethyldichlorosilane**	**1719-53-5**	157.13	ppm	6.42	C4.H10.Cl2.Si	L	-98.5
925	Diethylene glycol	111-46-6	106.14	ppm	4.34	C4H10O3	L	-10.4
926	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	220.36	mg/m^3	9.01	C10.H24.N2.O3	L	
927	Diethylene glycol diacetate; (2,2'-Oxybisethanol diacetate)	628-68-2	190.22	mg/m^3	7.77	C8H14O5	S	18
928	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	134.48	ppm	5.50	C6.H14.O3	L	-68
929	Diethylene glycol hexyl ether; (n-Hexyl carbitol)	112-59-4	190.32	mg/m^3	7.78	C10.H22.03	L	-33.3
930	Diethylenetriamine	111-40-0	103.2	ppm	4.22	C4H13N3	L	-39
931	Diethylenetriaminepentaacetic acid	67-43-6	393.35	mg/m^3	16.08	C14H23N3O10	S	219
932	Diethylenylbenzene; (Vinylstyrene) (m-Divinylbenzene, 108-57-6)	1321-74-0	130.2	ppm	5.32	C10H10	L	-67
933	Diethylethanolamine, N,N-; (Diethylaminoethanol)	100-37-8	117.22	ppm	4.79	C6.H15.N.O.	L hygr	-70
934	Diethylphosphatoethyltriethoxy silane	757-44-8	328.47	mg/m^3	13.43	C12.H29.O6.P.Si	S	
935	Diethylstilbestrol; ((E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol)	56-53-1	268.38	mg/m^3	10.97	C18.H20.O2	S	171-172
936	Diethylthiourea, N,N'-	105-55-5	132.25	mg/m^3	5.41	C5H12N2S	S	77
937	Diethylurea, 1,3-	623-76-7	116.19	ppm	4.75	C5.H12.N2.O	S	112.5
938	Diethylzinc	557-20-0	123.51	ppm	5.05	(C2.H5)2.Zn	L	-28
939	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	66.06	ppm	2.70	C2.H4.F2	L	-117
940	Digitoxin	71-63-6	765.05	mg/m^3	31.27	C41.H64.O13	S	256-257
941	Diglycidyl ether	2238-07-5	130.16	ppm	5.32	C6.H10.O3	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
920	Diethylaminoacetone	1620-14-0						12/08/02	05/13/15	11/25/13
921	Diethylaminopropylamine	104-78-9	165-170			0.82		07/11/07	03/06/15	12/31/11
922	Diethylaniline, N,N-	91-66-7	216.3	7.5x10-2	14	0.9307 @ 20°C		09/30/97	08/13/13	12/31/11
923	**Diethylbenzene mixed isomers; (Dowtherm J); includes m- (141-93-5) and o- (135-01-3) isomers**	**25340-17-4**	183.8	1.05	25	0.868		10/11/05	03/06/15	08/26/14
924	**Diethyldichlorosilane**	**1719-53-5**	129 dec	40.4	48.1	1.0504 @ 20°C		09/05/08	02/12/15	05/19/07
925	Diethylene glycol	111-46-6	244-245	0.0057	25	1.12 @ 15°C	16000	08/07/98	08/13/13	07/12/12
926	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	147			1.005		04/14/04	08/13/13	12/31/11
927	Diethylene glycol diacetate; (2,2'-Oxybisethanol diacetate)	628-68-2	200			1.1068		03/01/00	08/13/13	12/31/11
928	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	162			0.9451		04/14/04	03/06/15	12/31/11
929	Diethylene glycol hexyl ether; (n-Hexyl carbitol)	112-59-4	259.1	0.01	20	0.935		07/11/07	08/13/13	12/31/11
930	Diethylenetriamine	111-40-0	207	0.22	20	0.9586 @ 20°C	20000	01/04/99	03/06/15	09/27/12
931	Diethylenetriaminepentaacetic acid	67-43-6						07/09/97	08/13/13	12/31/11
932	Diethylenylbenzene; (Vinylstyrene) (m-Divinylbenzene, 108-57-6)	1321-74-0	200	0.579	25	0.929 @ 20°C	7000	01/04/99	11/19/14	11/19/14
933	Diethylethanolamine, N,N-; (Diethylaminoethanol)	100-37-8	162	1.4	20	0.8851 @ 20°C	67000	07/11/07	11/11/13	07/12/12
934	Diethylphosphatoethyltriethoxy silane	757-44-8	141 @ 2MM			1.031		10/11/05	08/13/13	12/31/11
935	Diethylstilbestrol; ((E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol)	56-53-1						06/13/02	08/13/13	07/09/12
936	Diethylthiourea, N,N'-	105-55-5	dec					01/04/99	08/13/13	11/16/12
937	Diethylurea, 1,3-	623-76-7	263					12/08/02	03/06/15	12/31/11
938	Diethylzinc	557-20-0	118	20.8	25	1.187 @ 18°C		12/08/02	03/16/15	03/16/15
939	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	-26.5	4550	25	0.896		06/13/02	03/06/15	
940	Digitoxin	71-63-6						12/08/02	01/30/15	01/30/15
941	Diglycidyl ether	2238-07-5	260	0.09	25	1.262 @ 50°C		12/08/02	08/13/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
942	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	176.21	mg/m^3	7.20	C8H16O4	L	-25
943	Digoxin	20830-75-5	781.05	mg/m^3	31.92	C41.H64.O14	S	265 dec
944	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6	363.48	mg/m^3	14.86	C18H38NO4P	S	
945	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	86.1	mg/m^3	3.52	C4.H6.O2	L	-44
946	Dihydro-2H-pyran, 3,4-	110-87-2	84.13	ppm	3.44	O.(C.H2)3.C.H.C.H	L mobile	
947	Dihydro-3-(nonenyl)-2,5-furandione	28928-97-4	226.32	mg/m^3	9.25	C13.H20.O3	S	
948	Dihydro-4-methyl furan, 2,3-	34314-83-5	84.12	mg/m^3	3.44	C5.H8.O	L	
949	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1	409.82	mg/m^3	16.75	Cl6H2Pt	S	60
950	Dihydroxy-1,3-indandione, 2,2-; (Ninhydrin monohydrate)	485-47-2	178.15	mg/m^3	7.28	C9.H6.O4	S	241.3 dec
951	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	88.12	ppm	3.60	C4.H8.O2	L	7
952	Dihydroxyanthraquinone, 1,8-; (Dantron)	117-10-2	240.22	mg/m^3	9.82	C14H8O4	S	193
953	Dihydroxybenzoic acid, 2,4-	89-86-1	154.13	mg/m^3	6.30	C7.H6.O4	S	218-219
954	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0	400.28	mg/m^3	16.36	C10.H10.Na.O10.S2	S	300 dec
955	Diiodomethane; (Methylene iodide)	75-11-6	267.83	mg/m^3	10.95	C.H2.I2	L	5 to 6
956	Diisoamylamine	544-00-3	157.297	ppm	6.43	C10H23N	L	-44
957	Diisobutyl ketone	108-83-8	142.27	ppm	5.81	C9.H18.O	L	
958	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	142.25	ppm	5.81	[(C.H3)2.C.H.C.H2]2.Al.H	L	-80
959	Diisobutylamine	110-96-3	129.28	ppm	5.28	C8.H10.N	L	-70
960	Diisooctyl acid phosphate	27215-10-7	322.48	mg/m^3	13.18	C16.H35.O4.P	S	
961	Diisopropyl methylphosphonate	1445-75-6	180.18	mg/m^3	7.36	C7H17O3P	L	
962	Diisopropyl peroxydicarbonate	105-64-6	206.22	mg/m^3	8.43	C8.H14.O6	S	36016
963	Diisopropylamine	108-18-9	101.22	ppm	4.14	C6H15N	L	-61

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
942	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	218.5	7.5x10-2	10.6	1.0096 @ 20°C	10000	09/30/97	08/13/13	12/31/11
943	Digoxin	20830-75-5						12/08/02	03/12/15	03/12/15
944	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6		0.3	168	0.98		01/10/01	08/13/13	12/31/11
945	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	203-204			1.41 @ 0°C		12/08/02	03/06/15	11/16/12
946	Dihydro-2H-pyran, 3,4-	110-87-2	86-87			0.922 @ 19°C		10/11/05	11/21/13	11/21/13
947	Dihydro-3-(nonenyl)-2,5-furandione	28928-97-4	325			1.08		10/11/05	08/13/13	12/31/11
948	Dihydro-4-methyl furan, 2,3-	34314-83-5						03/01/00	04/30/15	08/13/13
949	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1				2.431		07/09/97	05/22/14	12/31/11
950	Dihydroxy-1,3-indandione, 2,2-; (Ninhydrin monohydrate)	485-47-2		2.36E-07	25	0.862		10/11/05	08/13/13	12/31/11
951	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	234	0.0462	25	1.07		10/11/05	08/13/13	12/31/11
952	Dihydroxyanthraquinone, 1,8-; (Dantron)	117-10-2	subl	8.6x10-10	25			01/04/99	08/13/13	12/31/11
953	Dihydroxybenzoic acid, 2,4-	89-86-1						10/11/05	08/13/13	06/08/12
954	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0						10/11/05	08/13/13	12/31/11
955	Diiodomethane; (Methylene iodide)	75-11-6	181			3.33 @ 15°C		04/14/04	08/13/13	08/13/13
956	Diisoamylamine	544-00-3	188			0.7672 @ 21°C		07/11/07	10/21/13	08/14/13
957	Diisobutyl ketone	108-83-8	166			0.81	8000	04/14/04	08/14/13	09/27/12
958	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	140 @ 4 mm			0.798		07/11/07	02/27/14	12/31/11
959	Diisobutylamine	110-96-3	139	7.27	25	0.745 @ 20°C		06/13/02	08/14/13	12/31/11
960	Diisooctyl acid phosphate	27215-10-7		4.70E-08	25			09/17/07	10/31/14	10/31/14
961	Diisopropyl methylphosphonate	1445-75-6	121.05	0.28	25	0.976 No temp		07/09/97	08/14/13	03/06/12
962	Diisopropyl peroxydicarbonate	105-64-6	17.2			1.080 @ 15°C		12/08/02	08/14/13	12/31/11
963	Diisopropylamine	108-18-9	83-84	79.4	25	0.715 @ 20°C	11000	03/01/00	08/14/13	05/04/12

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
964	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1	200.18	mg/m^3	8.18	C8H19Cl2N	S	
965	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	145.28	mg/m^3	5.94	C8H19NO		
966	Diisopropylaniline, 2,6-	24544-04-5	177.32	mg/m^3	7.25	C12.H19.N	L	-45
967	Diisopropylbenzene, 1,3-	99-62-7	162.3	mg/m^3	6.63	C12.H18	L	-61
968	Diisopropylethylamine, N,N-	7087-68-5	129.24	ppm	5.28	C8.H19.N	L	<-50
969	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	184.17	mg/m^3	7.53	C6.H14.F.O3.P	S	-82
970	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	212.36	mg/m^3	8.68	C16H20	S	
971	**Diketene; (Ketene dimer)**	**674-82-8**	84.07	ppm	3.44	C4H4O2	L	-6.5
972	Dilauroyl peroxide	105-74-8	398.7	mg/m^3	16.30	C24.H46.O4	S	49
973	Dimefox; (bis(Dimethylamido)fluorophosphate)	115-26-4	154.15	mg/m^3	6.30	C4.H12.F.N2.O.P	L	
974	Dimethoate	60-51-5	229.27	mg/m^3	9.37	C3.H12.N.O3.P.S2	S	51-52
975	Dimethoxybenzene, 1,3-	151-10-0	138.18	mg/m^3	5.65	C8.H10.02	L	-52
976	Dimethoxybenzene, o-	91-16-7	138.18	mg/m^3	5.65	C8.H10.O2	S	22.5
977	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4	244.29	mg/m^3	9.98	C14H16N2O2	S	137
978	Dimethoxybutane, 1,3-	10143-66-5	118.2	ppm	4.83	C6.H14.O2	L	
979	Dimethoxybutane, 2,2-	3453-99-4	118.18	ppm	4.83	C.C.(C.H3.O)2.C.C	L	
980	Dimethoxydiphenylsilane	6843-66-9	244.39	mg/m^3	9.99	C14.H16.O2.Si	S	
981	Dimethoxyethane, 1,2-	110-71-4	90.14	ppm	3.68	C4H10O2	L	-69.2
982	Dimethoxypropane, 2,2-	77-76-9	104.15	ppm	4.26	C5.H12.O2	L	-47
983	Dimethyl butane, 2,2-	75-83-2	86.2	ppm	3.52	C6H14	L	-98.2
984	Dimethyl carbamoyl chloride	79-44-7	107.54	ppm	4.40	C3H6ClNO	L	-33
985	Dimethyl carbonate	616-38-6	90.09	ppm	3.68	C3.H6.O3	L	0.5

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
964	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1						01/10/01	08/14/13	12/31/11
965	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	190			0.826		03/01/00	08/14/13	12/31/11
966	Diisopropylaniline, 2,6-	24544-04-5	257			0.94		07/11/07	08/14/13	12/31/11
967	Diisopropylbenzene, 1,3-	99-62-7	203.2	1	34.7	0.856		07/11/07	11/13/13	11/13/13
968	Diisopropylethylamine, N,N-	7087-68-5	126.5			0.742		10/11/05	03/05/15	03/05/15
969	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	185	0.58	25	1.07		06/13/02	08/14/13	10/30/12
970	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	290-299	0.0005	25	0.96		01/04/99	08/14/13	12/31/11
971	**Diketene; (Ketene dimer)**	**674-82-8**	126.1	7.5	19.3	1.0877 @ 20°C		11/30/92	08/27/15	08/27/15
972	Dilauroyl peroxide	105-74-8	62 dec			0.91		12/08/02	11/11/13	12/20/11
973	Dimefox; (bis(Dimethylamido)fluorophosphate)	115-26-4	67 @ 4 mm	0.11	20	1.115 @ 20°C		12/08/02	08/14/13	12/31/11
974	Dimethoate	60-51-5	107 @ 0.05 mm	1.1 mPa	25	1.277 @ 65°C		12/08/02	08/14/13	09/27/12
975	Dimethoxybenzene, 1,3-	151-10-0	217.5			1.0521		10/11/05	08/14/13	12/31/11
976	Dimethoxybenzene, o-	91-16-7	206			1.081		10/11/05	08/14/13	12/31/11
977	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4						12/30/95	08/14/13	12/31/11
978	Dimethoxybutane, 1,3-	10143-66-5						06/13/02	03/06/15	12/31/11
979	Dimethoxybutane, 2,2-	3453-99-4						06/13/02	03/06/15	08/14/13
980	Dimethoxydiphenylsilane	6843-66-9	286					10/11/05	08/14/13	12/31/11
981	Dimethoxyethane, 1,2-	110-71-4	82-83	48	20	0.86877		01/04/99	03/06/15	10/01/13
982	Dimethoxypropane, 2,2-	77-76-9	83			0.847		07/11/07	08/14/13	12/31/11
983	Dimethyl butane, 2,2-	75-83-2	49.7	319	25	0.649	12000	01/04/99	08/14/13	09/27/12
984	Dimethyl carbamoyl chloride	79-44-7	167	1.95	25	1.168		09/30/97	08/14/13	08/14/13
985	Dimethyl carbonate	616-38-6	90.91	55.364	25	1.065 @ 17°C		10/11/05	08/14/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
986	Dimethyl cyclopentanol, 1,3-	19550-46-0	114.187	mg/m^3	4.67	C7.H14.O	L	
987	**Dimethyl disulfide**	**624-92-0**	94.2	ppm	3.85	C2H6S2	L	-84.67
988	Dimethyl mercury	593-74-8	230.66	mg/m^3	9.43	C2H6Hg	L	
989	Dimethyl methylphosphonate; (DMMP)	756-79-6	124.09	mg/m^3	5.07	C3H9O3P	L	< 50
990	**Dimethyl phosphite**	**868-85-9**	110.05	mg/m^3	4.50	C2H703P	L	
991	Dimethyl phosphorochloridothioate	2524-03-0	160.56	mg/m^3	6.56	C2.H6.Cl.O2.P.S	L	
992	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9		mg/m^3		[Unspecified]	Lvisc	
993	**Dimethyl sulfate**	**77-78-1**	126.13	ppm	5.16	C2H604S	L	-31.7
994	**Dimethyl sulfide; (2-Thiopropane)**	**75-18-3**	62.13	ppm	2.54	C2H6S	L	-98.24
995	Dimethyl sulfone	67-71-0	94.133	mg/m^3	3.85	C2.H6.O2.S	S	108.9
996	Dimethyl sulfoxide; (DMSO)	67-68-5	78.13	ppm	3.19	C2H6OS	L	17.89
997	Dimethyl(1-phenylethyl)benzene	40766-31-2	210.34	mg/m^3	8.60	C16H18	L	
998	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8		mg/m^3			L	
999	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	132.18	ppm	5.40	C6.H12.O3	L	-26.4
1000	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	102.21	ppm	4.18	C5.H14.N2	L	-70
1001	Dimethyl-1-butanamine, N,N-	927-62-8	101.22	mg/m^3	4.14	C6.H15.N	L	<-60
1002	Dimethyl-2-pentene, (E)-3,4-	4914-92-5	98.17	ppm	4.01	C7.H14	L	-124.2
1003	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	151.163	mg/m^3	6.18	C8.H9.N.O2	L	15
1004	Dimethyl-3-pentanone, 2,4-	565-80-0	114.21	ppm	4.67	C7.H14.O	L	-69
1005	Dimethyl-5-phenylphenazinium chloride, 3,7-diamino-2,8-; (Safranine; Gossypimine)	477-73-6	350.88	mg/m^3	14.34	C20.H19.N4.Cl	S	
1006	Dimethylacetamide, N,N-	127-19-5	87.14	ppm	3.56	C4.H9.N.O	L	-20
1007	Dimethylacrylamide, N,N-	2680-03-7	99.15	mg/m^3	4.05	C5.H9.N.O		

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
986	Dimethyl cyclopentanol, 1,3-	19550-46-0						10/11/05	08/14/13	12/31/11
987	**Dimethyl disulfide**	**624-92-0**	109.74	75	45	1.0625 @ 20°C		12/30/95	05/15/15	01/19/11
988	Dimethyl mercury	593-74-8	93	75	29	3.17		09/30/97	05/09/14	06/08/12
989	Dimethyl methylphosphonate; (DMMP)	756-79-6	181	0.962	25	1.168 @ 20°C		01/04/99	08/14/13	07/23/12
990	**Dimethyl phosphite**	**868-85-9**	56.5 @ 8mm			1.2		03/01/00	02/17/15	12/31/11
991	Dimethyl phosphorochloridothioate	2524-03-0	68 @ 12 mm	4	40	1.326		12/08/02	08/14/13	12/31/11
992	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9				0.94		07/09/97	08/14/13	06/08/12
993	**Dimethyl sulfate**	**77-78-1**	188 dec	0.677	25	1.3322 @ 20°C		12/30/95	02/13/15	08/17/07
994	**Dimethyl sulfide; (2-Thiopropane)**	**75-18-3**	37.33	750	37	0.8483 @ 20°C	22000	12/30/95	08/14/13	01/19/11
995	Dimethyl sulfone	67-71-0	238			1.1700 @ 10°C		10/11/05	08/14/13	12/31/11
996	Dimethyl sulfoxide; (DMSO)	67-68-5	189	0.75	27.4	1.101	26000	08/21/96	08/14/13	08/14/13
997	Dimethyl(1-phenylethyl)benzene	40766-31-2						01/04/99	08/14/13	12/31/11
998	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8				1		07/11/07	08/14/13	12/31/11
999	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	75	70	20	1.065		10/11/05	08/14/13	12/31/11
1000	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	123	10	30	0.8100 @ 30°C		07/11/07	08/14/13	12/31/11
1001	Dimethyl-1-butanamine, N,N-	927-62-8	95			0.7206 @ 20°C		07/11/07	08/14/13	12/31/11
1002	Dimethyl-2-pentene, (E)-3,4-	4914-92-5	91.5			0.7124		03/01/00	11/21/13	11/21/13
1003	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	240			1.1402 @ 20°C		10/11/05	08/14/13	12/31/11
1004	Dimethyl-3-pentanone, 2,4-	565-80-0	125.4			0.8108		10/11/05	08/14/13	12/31/11
1005	Dimethyl-5-phenylphenazinium chloride, 3,7-diamino-2,8-; (Safranine; Gossypimine)	477-73-6						10/11/05	08/14/13	12/31/11
1006	Dimethylacetamide, N,N-	127-19-5	165	1.3	25	0.943 @ 20°C	18000	12/08/02	03/06/15	09/27/12
1007	Dimethylacrylamide, N,N-	2680-03-7						10/11/05	08/14/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1008	**Dimethylamine**	**124-40-3**	45.08	ppm	1.84	C2H7N	G	-92.18
1009	Dimethylamino)phenyl)azo)benzenesulfonic acid, sodium salt, p-((p-(; (Methyl orange, sodium salt)	547-58-0	327.36	mg/m^3	13.38	C14.H14.N3.O3.S.Na	S	>300
1010	Dimethylaminoazobenzene, 4-	60-11-7	225.29	mg/m^3	9.21	C14H15N3	S	117
1011	Dimethylaminobenzaldehyde, p-	100-10-7	149.21	mg/m^3	6.10	C9H11NO	S	74
1012	Dimethylaminocyclohexane, N,N-	98-94-2	127.26	mg/m^3	5.20	C8.H17.N	L	-77
1013	Dimethylaminoethanol, 2-	108-01-0	89.16	ppm	3.64	C4.H11.N.O	L	-59
1014	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7	144.06	mg/m^3	5.89	C4.H10.Cl.N.Cl.h	S	201
1015	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	134.18	mg/m^3	5.48	C5.H14.N2.O2	L	
1016	Dimethylaniline, N,N-	121-69-7	121.2	ppm	4.95	C8.H11.N	L	2.5
1017	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	212.29	mg/m^3	8.68	C14H16N2	S	131
1018	Dimethylbutyric acid, 2,2-	595-37-9	116.16	mg/m^3	4.75	C2.H5.C(C.H3)2.C.O2.H	L	-14
1019	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	94.62	ppm	3.87	C2.H7.Cl.Si	L	-111
1020	Dimethylcyclohexane, cis-1,4-	624-29-3	112.22	ppm	4.59	C8H16	L	-87.4
1021	Dimethyldecane, 2,2-	17302-37-3	170.34	ppm	6.96	C12H26		
1022	**Dimethyldichlorosilane**	**75-78-5**	129.06	ppm	5.27	C2H6Cl2Si	L	-16
1023	Dimethyldicyclopentadiene	26472-00-4	160.28	mg/m^3	6.55	C12.H16	L	-51
1024	Dimethyldimethoxysilane	1112-39-6	120.25	mg/m^3	4.91	C4.H12.O2.Si	L	
1025	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	90.14	ppm	3.68	C4H10O2	L	-8
1026	**Dimethylformamide, N,N-**	**68-12-2**	73.09	ppm	2.99	C3H7NO	L	-60.48
1027	Dimethylglyoxime; (Diacetyldioxime)	95-45-4	116.14	mg/m^3	4.75	C4H8N2O2	S	245.5
1028	Dimethylheptane, 2,2-	1071-26-7	128.26	ppm	5.24			
1029	Dimethylhexane, 3,3-	563-16-6	114.23	ppm	4.67	C8.H18	L	-126.1

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1008	**Dimethylamine**	**124-40-3**	6.88	750	6.6	0.6804 @ 0°C	28000	11/30/92	02/13/15	08/16/07
1009	Dimethylamino)phenyl)azo)benzenesulfonic acid, sodium salt, p-((p-(; (Methyl orange, sodium salt)	547-58-0	dec.					10/11/05	08/14/13	12/31/11
1010	Dimethylaminoazobenzene, 4-	60-11-7	dec	3.3x10-7	no temp			09/30/97	08/14/13	12/31/11
1011	Dimethylaminobenzaldehyde, p-	100-10-7	176-177 @17mm					01/10/01	08/14/13	12/31/11
1012	Dimethylaminocyclohexane, N,N-	98-94-2	158-165	3.6	20	0.8490 @ 20°C		07/22/10	03/06/15	12/31/11
1013	Dimethylaminoethanol, 2-	108-01-0	135			0.8866 @ 20°C	16000	10/11/05	08/14/13	12/31/11
1014	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7						07/11/07	08/14/13	12/31/11
1015	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	60-61			1.05		07/11/07	10/09/13	12/31/11
1016	Dimethylaniline, N,N-	121-69-7	193.1	0.7	25	0.9557 @ 20°C		06/13/02	08/14/13	10/30/12
1017	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	300					12/30/95	08/14/13	08/14/13
1018	Dimethylbutyric acid, 2,2-	595-37-9	94-96			0.928		07/11/07	10/09/13	10/09/13
1019	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	34.6			0.852		09/05/08	02/12/15	08/04/10
1020	Dimethylcyclohexane, cis-1,4-	624-29-3	124.4			0.7829		03/01/00	03/06/15	08/15/13
1021	Dimethyldecane, 2,2-	17302-37-3						12/08/02	03/06/15	09/03/14
1022	**Dimethyldichlorosilane**	**75-78-5**	70.3	144	25	1.064	34000	08/21/96	06/13/14	01/21/10
1023	Dimethyldicyclopentadiene	26472-00-4	200	7.5	47.8	0.941		07/11/07	03/06/15	01/17/12
1024	Dimethyldimethoxysilane	1112-39-6	81.4			0.864		07/11/07	08/15/13	12/31/11
1025	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	89dec	3.07	20	0.86		03/01/00	08/15/13	12/31/11
1026	**Dimethylformamide, N,N-**	**68-12-2**	153	7.5	38	0.9455	22000	11/30/92	10/27/09	10/11/05
1027	Dimethylglyoxime; (Diacetyldioxime)	95-45-4	234 subl					08/07/98	08/15/13	12/31/11
1028	Dimethylheptane, 2,2-	1071-26-7						12/08/02	03/06/15	10/09/14
1029	Dimethylhexane, 3,3-	563-16-6	111.9			0.7100 @ 20°C		12/08/02	03/06/15	10/09/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1030	**Dimethylhydrazine, 1,1-**	**57-14-7**	60.098	ppm	2.46	C2H8N2	L	-57.2
1031	**Dimethylhydrazine, 1,2-**	**540-73-8**	60.1	ppm	2.46	C2H8N2	fumes	-8.9
1032	Dimethylimidizole, 1,2-	1739-84-0	96.15	mg/m^3	3.93	C5.H8.N2	S	37-39
1033	Dimethylisopropylamine, N,N-	996-35-0	87.16	mg/m^3	3.56	C5.H13.N		
1034	Dimethylnonane, 4,5-	17302-23-7	156.31	ppm	6.39	C11.H24	L	
1035	Dimethyloctane, 3,5-	15869-93-9	142.28	ppm	5.82	C10.H22	L	
1036	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	122.18	mg/m^3	4.99	C8.H10.O	L	26
1037	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	122.18	mg/m^3	4.99	C8.H10.O	S	48-49
1038	Dimethylphthalate	131-11-3	194.18	mg/m^3	7.94	C10H10O4	L	5.5
1039	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8	290.77	ppm	11.88	(C2.H6.Si)x	S	
1040	Dimethyl-p-phenylenediamine, N,N-	99-98-9	136.22	mg/m^3	5.57	C8.H12.N2	S/L	41
1041	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	72.17	ppm	2.95	C5.H12	G/L	-16.6
1042	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	107.17	ppm	4.38	C7.H9.N	L	-6.1
1043	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5	226.37	mg/m^3	9.25	C6.H18.O5.Si2	S	
1044	Dimetilan	644-64-4	240.30	mg/m^3	9.82	C10.H16.N4.O3	S	68-71
1045	Di-n-amylamine	2050-92-2	157.30	ppm	6.43	C10H23N	L	-7.85
1046	Di-n-butylamine	111-92-2	129.28	ppm	5.28	C8H19N	L	-61.9
1047	Dinitraniline orange; (Hansa orange RN)	3468-63-1	338.28	mg/m^3	13.83	C16H10N4O5	S	302
1048	Dinitroaniline, 2,4-	97-02-9	183.14	mg/m^3	7.49	C6.H5.N3.O4	S	188
1049	Dinitrobenzene, -m, -o, and -p isomers (528-29-0 and 100-25-4)	99-65-0	168.11	mg/m^3	6.87	C6H4N2O4	S	90.3
1050	Dinitro-o-cresol, 4,6-	534-52-1	198.13	mg/m^3	8.10	C7H6N2O5	S	86.5
1051	Dinitrophenol	25550-58-7	184.12	mg/m^3	7.53	C6H4N2O5	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1030	**Dimethylhydrazine, 1,1-**	**57-14-7**	63.9	75	10.5	0.791 @ 22°C	20000	11/30/92	06/08/12	12/31/11
1031	**Dimethylhydrazine, 1,2-**	**540-73-8**	81	75	26.4	0.8274 @ 20°C		09/30/97	02/12/15	12/31/11
1032	Dimethylimidizole, 1,2-	1739-84-0	204	1	20	1.084		07/11/07	08/15/13	12/31/11
1033	Dimethylisopropylamine, N,N-	996-35-0						07/11/07	08/15/13	12/31/11
1034	Dimethylnonane, 4,5-	17302-23-7						06/13/02	03/06/15	10/09/14
1035	Dimethyloctane, 3,5-	15869-93-9						06/13/02	03/06/15	10/09/14
1036	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	210.8	0.102	25	0.9650 @ 20°C		06/13/02	10/07/14	01/16/12
1037	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	203	0.274	25			06/13/02	09/24/14	09/24/14
1038	Dimethylphthalate	131-11-3	283.7	7.5x10-3	27	1.1905 @ 20°C	9000	08/21/96	11/11/13	11/11/13
1039	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8						07/11/07	03/02/15	03/02/15
1040	Dimethyl-p-phenylenediamine, N,N-	99-98-9	262	0.0001	25	1.036 @ 20°C		06/13/02	08/15/13	10/30/12
1041	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	9.5	1290	25	0.613 @ 0°C	14000	06/13/02	04/21/14	04/21/14
1042	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	145.7	5.65	25			12/08/02	08/15/13	12/31/11
1043	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5						10/11/05	08/15/13	12/31/11
1044	Dimetilan	644-64-4	200-210 @13mm	0.000097	20			12/08/02	08/15/13	10/30/12
1045	Di-n-amylamine	2050-92-2	202.5	0.153	25	0.777		10/11/05	08/15/13	12/31/11
1046	Di-n-butylamine	111-92-2	159.6	2.59	25	0.7613 @ 20°C	11000	09/30/97	08/15/13	12/31/11
1047	Dinitraniline orange; (Hansa orange RN)	3468-63-1		9.32x10-12	25	1.52 No temp		09/30/97	08/15/13	12/31/11
1048	Dinitroaniline, 2,4-	97-02-9	[56.7]	5.94E-07	25	1.615		12/08/02	11/11/13	10/18/13
1049	Dinitrobenzene, -m, -o, and -p isomers (528-29-0 and 100-25-4)	99-65-0	291	2.0x10-4	25	1.5751 @ 18°C		09/30/97	09/09/14	09/09/14
1050	Dinitro-o-cresol, 4,6-	534-52-1	220	0.00012	25	1.58 @ 20°C		09/30/97	10/29/14	10/29/14
1051	Dinitrophenol	25550-58-7						08/07/98	09/08/14	05/02/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1052	Dinitrophenol, 2,3-	66-56-8	184.11	mg/m^3	7.52	C6H4N2O5	S	144.5
1053	Dinitrophenol, 2,4-	51-28-5	184.11	mg/m^3	7.52	C6H4N2O5	S	114.8
1054	Dinitrophenol, 2,6-	573-56-8	184.12	mg/m^3	7.53	C6.H4.N2.O5	S	63
1055	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6	197.17	mg/m^3	8.06	C7H7N3O4	S	171-172
1056	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4	144.16	mg/m^3	5.89	C4.H8.N4.O2	S	158
1057	Dinitrotoluene	25321-14-6	182.14	mg/m^3	7.44	C7H6N2O4	L or S	
1058	Dinitrotoluene, 2,4-	121-14-2	182.13	mg/m^3	7.44	C7H6N2O4	S	70.5
1059	Dinitrotoluene, 2,6-	606-20-2	182.13	mg/m^3	7.44	C7H6N2O4	S	66
1060	Dinitrotoluene, 3,4-	610-39-9	182.15	mg/m^3	7.44	C7.H6.N2.O4	S	61
1061	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7	240.21	mg/m^3	9.82	C10H12N2O5	S	40
1062	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1	240.24	mg/m^3	9.82	C10.H12.N2.O5	S	125.5-126.5
1063	Dioctyl phthalate, n-	117-84-0	390.62	mg/m^3	15.97	C24H38O4	S	25
1064	Dioctyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	426.76	mg/m^3	17.44	C26.H50.O4	L	-48
1065	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	444.62	mg/m^3	18.17	C20H37NaO7S	S	155
1066	**Dioxane, 1,4-; (1,4-Diethyleneoxide)**	**123-91-1**	88.11	ppm	3.60	C4H8O2	L	11.7
1067	Dioxathion	78-34-2	456.56	mg/m^3	18.66	C12.H26.O6.P2.S4	L	-20
1068	Dioxolane, 1,3-	646-06-0	74.09	ppm	3.03	C3H6O2	L	-97.2
1069	Dipentaerythritol; (Dipentek)	126-58-9	254.26	mg/m^3	10.39	C10.H22.O7	S	212-220
1070	Dipentyl pentylphosphonate	6418-56-0	292.45	mg/m^3	11.95	C15H33O3P	S	
1071	Diphacinone; (Diphenadione)	82-66-6	340.39	mg/m^3	13.91	C23.H16.O3	S	147
1072	Diphenyl chlorophosphate; (Diphenylphosphoryl chloride)	2524-64-3	268.63596	mg/m^3	10.98	C12.H10.Cl.O3.P	L	
1073	Diphenyl cresol phosphate	26444-49-5	340.31466	mg/m^3	13.91	C19.H17.O4.P	L	-38

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1052	Dinitrophenol, 2,3-	66-56-8				1.681 @ 20°C		08/21/96	09/08/14	12/31/11
1053	Dinitrophenol, 2,4-	51-28-5	subl	3.9x10-4	20	1.683 @ 24°C		12/30/95	09/18/14	09/18/14
1054	Dinitrophenol, 2,6-	573-56-8						08/07/98	09/09/14	12/31/11
1055	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6						08/07/98	08/15/13	12/31/11
1056	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4						12/08/02	10/01/13	10/01/13
1057	Dinitrotoluene	25321-14-6	250			1.3208 @ 71°C		12/30/95	09/09/14	09/09/14
1058	Dinitrotoluene, 2,4-	121-14-2	300 dec	1.47x10-4	22	1.3208 @ 71°C		12/30/95	04/21/15	06/28/12
1059	Dinitrotoluene, 2,6-	606-20-2	285	5.67x10-4	25	1.2833 @ 111°C		12/30/95	04/21/15	09/09/14
1060	Dinitrotoluene, 3,4-	610-39-9				1.2594 @ 111°C		06/13/02	04/21/15	09/09/14
1061	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7		1	151.1	1.265 @ 45°C		12/30/95	08/15/13	10/03/12
1062	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1						12/08/02	08/15/13	10/08/12
1063	Dioctyl phthalate, n-	117-84-0	242 @ .002 mmHg	1x10-7	25	.978 @ 20°C	3000	08/07/98	03/06/15	10/01/13
1064	Dioctyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	256 @ 5 mm			0.914 @ 20°C		04/14/04	08/15/13	12/31/11
1065	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	dec			1.1 @ 20°C		03/01/00	08/15/13	12/31/11
1066	**Dioxane, 1,4-; (1,4-Diethyleneoxide)**	**123-91-1**	101.5	75	39.6	1.0337 @ 20°C	20000	12/30/95	03/06/15	10/11/05
1067	Dioxathion	78-34-2	60-68 @ 0.5 mm			1.257 @ 26°C		12/08/02	08/15/13	12/31/11
1068	Dioxolane, 1,3-	646-06-0	78	79	20	1.066 @ 20°C		01/04/99	03/06/15	10/29/14
1069	Dipentaerythritol; (Dipentek)	126-58-9				1.33		04/14/04	08/15/13	12/31/11
1070	Dipentyl pentylphosphonate	6418-56-0						08/07/98	08/15/13	12/31/11
1071	Diphacinone; (Diphenadione)	82-66-6		13.7 nPa	25	1.281		12/08/02	08/15/13	12/31/11
1072	Diphenyl chlorophosphate; (Diphenylphosphoryl chloride)	2524-64-3	314 @ 272 mmHg			1.296		08/05/10	01/16/14	01/16/14
1073	Diphenyl cresol phosphate	26444-49-5	390			1.208		08/17/07	11/13/13	11/13/13

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1074	Diphenyl mercury	587-85-9	354.8	mg/m^3	14.50	C12H10Hg		
1075	**Diphenyl; (Biphenyl)**	**92-52-4**	154.21	ppm	6.30	C12H10	S	68.93
1076	Diphenylamine	122-39-4	169.22	mg/m^3	6.92	C12H11N	S	53.2
1077	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	264.59	mg/m^3	10.81	C12.H10.As.Cl	S	44
1078	**Diphenyldichlorosilane**	**80-10-4**	253.21	ppm	10.35	C12.H10.Cl2.Si	L	-20
1079	Diphenylguanidine, 1,3-	102-06-7	211.29	mg/m^3	8.64	C13H13N3	S	150
1080	Diphenylhydrazine, 1,2-	122-66-7	184.24	mg/m^3	7.53	C12H12N2	S	131
1081	Diphenylmethane	101-81-5	168.25	mg/m^3	6.88	C13.H12	L-S	25.9
1082	Diphenylnitrosamine	86-30-6	198.24	mg/m^3	8.10	C12H10N2O	S	66.5
1083	Diphenyloxazole, 2,5-	92-71-7	221.25	mg/m^3	9.04	C15H11NO	S	74
1084	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2	167.1208	mg/m^3	6.83	C7.H5.N.O4	S	252
1085	Dipotassium cadmium oxide	z-0013	222.61	mg/m^3	9.10	K2.Cd.O2	S	
1086	Dipotassium dihydrogen silicate	z-0014	172.278	mg/m^3	7.04	K2.H2.Si.O2	S	
1087	Dipotassium metasilicate	10006-28-7	154.263	mg/m^3	6.30	K2.Si.O3	S	
1088	Dipropyl ketone; (4-Heptanone)	123-19-3	114.21	ppm	4.67	C7.H14.O	L	-32.6
1089	Dipropylamine	142-84-7	101.19	mg/m^3	4.14	C6H15N	L	-63
1090	Dipropylene glycol methyl ether	34590-94-8	148.2	ppm	6.06	C7H16O3	L	-80
1091	Direct Black 38; (Apomine black GX)	1937-37-7	781.78	mg/m^3	31.95	C34.H25.N9.O7.S2.2Na	S	
1092	Di-sec-octylphthalate	117-81-7	390.56	mg/m^3	15.96	C24H38O4	L	-55
1093	Disodium (2-ethylhexyl)phosphate	15505-13-2	254.17	mg/m^3	10.39	C8H17O4PNa2		
1094	Disodium 3,6-endoxohexahydrophthalate	129-67-9	230.14	mg/m^3	9.41	C8H8Na2O5	S	144
1095	Disodium butylphosphate	64114-42-7	200	mg/m^3	8.17	C4.H11.04.P.2Na		

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1074	Diphenyl mercury	587-85-9	204 @ 10mmHg			2.318		12/30/95	05/09/14	10/04/12
1075	**Diphenyl; (Biphenyl)**	**92-52-4**	256.1	0.75	69	1.04 @ 20°C	6000	12/30/95	02/13/15	12/31/11
1076	Diphenylamine	122-39-4	302	7.5x10-3	48	1.158 @ 22°C		12/30/95	08/15/13	12/31/11
1077	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	330 dec	0.00049	20	1.333 @ 40°C		09/05/08	02/17/15	10/04/12
1078	**Diphenyldichlorosilane**	**80-10-4**	305			1.204		09/05/08	01/27/14	
1079	Diphenylguanidine, 1,3-	102-06-7	170 dec			1.13 @ 20°C		08/07/98	10/01/13	10/01/13
1080	Diphenylhydrazine, 1,2-	122-66-7	293	4.4x10-4	25	1.158 @ 16°C		12/30/95	11/13/13	11/13/13
1081	Diphenylmethane	101-81-5	264.5	1	76	1.008		10/11/05	08/15/13	12/31/11
1082	Diphenylnitrosamine	86-30-6				1.23		01/10/01	08/15/13	08/15/13
1083	Diphenyloxazole, 2,5-	92-71-7	360			1.0940 @ 100°C		07/09/97	08/15/13	12/31/11
1084	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2						10/11/05	08/16/13	12/31/11
1085	Dipotassium cadmium oxide	z-0013						12/08/02	02/03/14	02/03/14
1086	Dipotassium dihydrogen silicate	z-0014						12/08/02	08/16/13	12/31/11
1087	Dipotassium metasilicate	10006-28-7						12/08/02	11/19/13	11/19/13
1088	Dipropyl ketone; (4-Heptanone)	123-19-3	144	5.2	20	0.815		12/08/02	03/06/15	01/24/13
1089	Dipropylamine	142-84-7	109.3	7.5	6	0.7400 @ 20°C		11/15/96	12/13/13	12/13/13
1090	Dipropylene glycol methyl ether	34590-94-8	188.3	0.4	26	0.951	11000	08/07/98	08/16/13	10/04/12
1091	Direct Black 38; (Apomine black GX)	1937-37-7						06/13/02	10/01/13	10/01/13
1092	Di-sec-octylphthalate	117-81-7	384	7.5x10-3	122	0.981		12/30/95	03/06/15	12/31/11
1093	Disodium (2-ethylhexyl)phosphate	15505-13-2						12/08/02	11/19/13	11/19/13
1094	Disodium 3,6-endoxohexahydrophthalate	129-67-9				1.431		01/10/01	10/01/13	10/01/13
1095	Disodium butylphosphate	64114-42-7						12/08/02	02/03/14	02/03/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1096	Disodium cadmium oxide	z-0016	190.39	mg/m^3	7.78	Na2.Cd.O2	S	
1097	Disodium dihydrogen silicate	z-0017	140.078	mg/m^3	5.73	[Unknown]	S	
1098	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5	220.1	mg/m^3	9.00	C6.H12.N2.O4.2Na	S	
1099	Disodium hexafluorosilicate (2-)	16893-85-9	188.07	mg/m^3	7.69	F6.Si.2Na	S	
1100	Disodium iminodiacetate	928-72-3	177.08	ppm	7.24	C4.H5.N.O4.2Na	S	
1101	Disodium monoxide; (Disodium oxide; Sodium oxide)	1313-59-3	61.98	mg/m^3	2.53	Na2.O	S	1132 dec
1102	Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5		mg/m^3			L	
1103	Disulfiram	97-77-8	296.56	mg/m^3	12.12	C10.H20.N2.S4	S	70
1104	Disulfoton	298-04-4	274.42	mg/m^3	11.22	C8.H19.O2.P.S3	S	>-25
1105	Di-tert-butyl dicarbonate	24424-99-5	218.28	mg/m^3	8.92	C10.H18.O5	L	
1106	Di-tert-butylhydroquinone, 2,5-	88-58-4	222.35	mg/m^3	9.09	C14.H22.O2	S	213.5
1107	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8	519.51	mg/m^3	21.23	C23.H24.N2.S2.I	S	248
1108	Dithiobiuret	541-53-7	135.22	mg/m^3	5.53	C2.H5.N3.S2	S	181
1109	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	154.26	mg/m^3	6.30	C4.H10.O2.S2	L	26
1110	Dithioerythritol, 1,4-	6892-68-8	154.26	mg/m^3	6.30	C4.H10.O2.S2	L	
1111	Diurethane dimethacrylate	72869-86-4	470.56	mg/m^3	19.23	C23.H38.N2.O8	S	
1112	Dodecamethylcyclohexasiloxane	540-97-6	445.02	mg/m^3	18.19	C12.H36.O6.Si6	S	
1113	Dodecane	112-40-3	170.38	ppm	6.96	C12H26	L	-9.6
1114	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	202.44	ppm	8.27	C12.H26.S	L	-7
1115	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	266.38	mg/m^3	10.89	C16.H26.O3	S	41-43
1116	Dodecenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	266.38	mg/m^3	10.89	C16H.H26.O3	L	
1117	Dodecenylsuccinic anhydride	25377-73-5	266.38	mg/m^3	10.89	C16.H27.O3	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1096	Disodium cadmium oxide	z-0016						12/08/02	02/03/14	02/03/14
1097	Disodium dihydrogen silicate	z-0017						12/08/02	08/16/13	12/31/11
1098	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5						12/08/02	02/03/14	02/03/14
1099	Disodium hexafluorosilicate (2-)	16893-85-9				2.7		10/11/05	08/16/13	06/28/12
1100	Disodium iminodiacetate	928-72-3						12/08/02	03/06/15	12/31/11
1101	Disodium monoxide; (Disodium oxide; Sodium oxide)	1313-59-3				2.27		09/05/08	08/16/13	06/12/09
1102	Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	350					07/11/07	01/03/14	01/03/14
1103	Disulfiram	97-77-8	117			1.3		06/13/02	10/05/12	10/05/12
1104	Disulfoton	298-04-4	132-133 @ 1.5 mm	0.000054	20	1.144 @ 20°C		12/08/02	08/16/13	12/31/11
1105	Di-tert-butyl dicarbonate	24424-99-5						07/11/07	08/16/13	12/31/11
1106	Di-tert-butylhydroquinone, 2,5-	88-58-4						10/11/05	08/16/13	12/31/11
1107	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8		0.00001	25			06/13/02	08/16/13	10/05/12
1108	Dithiobiuret	541-53-7	dec			1.522 @ 30°C		12/08/02	08/16/13	10/30/12
1109	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	160			1.261		10/11/05	08/16/13	12/31/11
1110	Dithioerythritol, 1,4-	6892-68-8						04/14/04	10/09/13	10/09/13
1111	Diurethane dimethacrylate	72869-86-4	200			1.11		07/11/07	10/09/13	10/09/13
1112	Dodecamethylcyclohexasiloxane	540-97-6						12/08/02	11/19/13	11/19/13
1113	Dodecane	112-40-3	216.3	0.135	25	0.749 @ 20°C	6000	08/07/98	08/26/13	08/26/13
1114	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	142-145	0.00853	20	0.8450 @ 20°C		07/11/07	08/17/13	12/31/11
1115	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	180-182	<1	20			07/11/07	10/25/13	12/31/11
1116	Dodecenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	350			1.005		07/11/07	08/17/13	12/31/11
1117	Dodecenylsuccinic anhydride	25377-73-5	180-182 @ 5mm			1.002		04/14/04	08/17/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1118	Dodecyl alcohol	112-53-8	186.38	mg/m^3	7.62	C12H26O	S	24
1119	Dodecyl methacrylate	142-90-5	254.46	ppm	10.40	C16.H30.O2	L	-29
1120	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	326.54	mg/m^3	13.35	C18H30O3S		
1121	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	262.48	mg/m^3	10.73	C18.H30.O	L/S	66
1122	Dodecylsarcosine sodium salt, N-; (N-Lauryl sarcosine sodium salt)	7631-98-3	279.45	mg/m^3	11.42	C13.H30.N.O2.Na	S	
1123	**Dodecyltrichlorosilane**	**4484-72-4**	303.81	ppm	12.42	C12.H25.Cl3.Si	L	
1124	Dv methyl ester; (Methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate)	61898-95-1	223.09	mg/m^3	9.12	C9.H12.Cl2.O2	L	
1125	Dysprosium	7429-91-6	162.5	mg/m^3	6.64	Dy	S	1409
1126	Dysprosium nickelide	12175-27-8	221.19	mg/m^3	9.04	DyNi	S	
1127	Dysprosium nitrate	10143-38-1	225.51	mg/m^3	9.22	Dy3HNO3	S	88.6
1128	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8	373	mg/m^3	15.25	Dy2.O3	S	2408
1129	Ecolite	z-0018		mg/m^3		[Unspecified]		
1130	Emetine dihydrochloride, l-	316-42-7	553.63	mg/m^3	22.63	C29.H40.N2.O4.2(Cl.H)	S	255
1131	Endosulfan	115-29-7	406.93	mg/m^3	16.63	C9H6Cl6O3S	S	106
1132	Endothion	2778-04-3	280.25	mg/m^3	11.45	C9.H13.O6.P.S	S	96
1133	Endrin	72-20-8	380.91	mg/m^3	15.57	C12H8Cl6O	S	245 dec
1134	Epibatidine	140111-52-0	208.69	mg/m^3	8.53	C11H13ClN2	L	
1135	Epibromohydrin	3132-64-7	136.99	mg/m^3	5.60	C3.H5.Br.O	L	-40
1136	**Epichlorohydrin**	**106-89-8**	92.53	ppm	3.78	C3H5ClO	L	-25.6
1137	EPN; (O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate)	2104-64-5	323.32	mg/m^3	13.21	C14.H14.N.O4.P.S	L/S	36
1138	Epoxy resin includes EPON 1001, 1007, 820, ERL-2795	25068-38-6		mg/m^3		(C18H21ClO3)x	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1118	Dodecyl alcohol	112-53-8	260	8.48E-04	25	0.831 @ 24°C		08/07/98	03/09/15	01/09/12
1119	Dodecyl methacrylate	142-90-5	142 @ 4mm	0.0012	20	0.868 @ 20°C		10/11/05	08/17/13	12/31/11
1120	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	> 204.5			1		01/04/99	08/17/13	12/31/11
1121	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	175			0.93 @ 20°C		10/11/05	08/17/13	12/31/11
1122	Dodecylsarcosine sodium salt, N-; (N-Lauryl sarcosine sodium salt)	7631-98-3						04/14/04	08/17/13	12/31/11
1123	**Dodecyltrichlorosilane**	**4484-72-4**	288			1.026		09/05/08	02/12/15	
1124	Dv methyl ester; (Methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate)	61898-95-1	64-67 @ 0.2 torr			1.17		07/11/07	08/17/13	12/31/11
1125	Dysprosium	7429-91-6	2335			8.54		07/11/07	08/17/13	12/31/11
1126	Dysprosium nickelide	12175-27-8						08/07/98	08/17/13	12/31/11
1127	Dysprosium nitrate	10143-38-1						08/07/98	08/17/13	12/31/11
1128	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8				7.81		12/08/02	08/17/13	12/31/11
1129	Ecolite	z-0018						08/07/98	08/17/13	12/31/11
1130	Emetine dihydrochloride, l-	316-42-7		0.00001	25			06/13/02	08/19/13	08/19/13
1131	Endosulfan	115-29-7	106 @ 0.7mmHg	6.2x10-6	20	1.745 @ 20°C		12/30/95	08/17/13	12/31/11
1132	Endothion	2778-04-3						12/08/02	08/17/13	10/30/12
1133	Endrin	72-20-8		3x10-6	20	1.7 @ 20°C		12/30/95	11/13/13	11/13/13
1134	Epibatidine	140111-52-0						07/09/97	11/19/14	11/19/14
1135	Epibromohydrin	3132-64-7	135			1.601		10/11/05	08/17/13	12/31/11
1136	**Epichlorohydrin**	**106-89-8**	117.9	16.4	25	1.175	38000	11/30/92	09/26/14	09/26/14
1137	EPN; (O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate)	2104-64-5	215 @ 5mm	0.126 mPa	25	1.268		12/08/02	10/01/13	12/31/11
1138	Epoxy resin includes EPON 1001, 1007, 820, ERL-2795	25068-38-6						09/30/97	08/19/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1139	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3		mg/m^3		(C18H33ClO3)x	S	
1140	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer)	25036-25-3		mg/m^3		(C21.H24.O4.C15.H16.O2)x	S	
1141	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3		mg/m^3		(C7H15ClO4)x	S	
1142	**Epoxybutane, 1,2-; (1,2-Butylene oxide)**	**106-88-7**	72.12	ppm	2.95	C4H8O	L	-150
1143	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	140.18	ppm	5.73	C8H12O2	L	< -55
1144	Erbium nitrate pentahydrate	10031-51-3	443.35	mg/m^3	18.12	Er.(N.O3)3.5(H2.O)	S	
1145	Erbium(III) nitrate	10168-80-6	353.29	mg/m^3	14.44	ErN3O9	S	
1146	Erbium(III) nitrate hexahydrate	13476-05-6	461.41	mg/m^3	18.86	ErH12N3O15	S	130 lose water
1147	Erbium(III) oxide	12061-16-4	382.52	mg/m^3	15.63	Er2.O3	S	2344
1148	Ergotamine tartrate	379-79-3	1313.56	mg/m^3	53.69	C66.H70.N10.O10.C4.H6.O6	S	203 dec
1149	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7		mg/m^3		[Unknown]	S	
1150	Ethanaminium, N,N,N-triethyl-, iodide (1:1); (Tetraethylammoniumiodide; Ammonium, tetraethyl-, iodide)	68-05-3	257.19	mg/m^3	10.51	C8.H2.0.N.I	S	300 dec
1151	Ethane	74-84-0	30.08	ppm	1.23	C2.H6	G	-172
1152	Ethanedioic acid, dimethyl ester	553-90-2	118.089	mg/m^3	4.83	C4.H6.O4	S	54.8
1153	Ethanedithiol, 1,2-	540-63-6	94.2	ppm	3.85	C2.H6.S2	L	-41.2
1154	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	182.28	mg/m^3	7.45	C14H14	S	52
1155	Ethanediylbis(N-(carboxymethyl)glycine), N,N'-1,2-, dipotassium salt	2001-94-7	368.46	mg/m^3	15.06	C10.H14.N2.O8.2K	S	
1156	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	214.2634	mg/m^3	8.76	C14.H14.O2	S	95
1157	Ethanethiol, 2-[bis(1-methylethyl)amino]-; (Ethanethiol, 2-(Diisopropylamino)-	5842-07-9	161.34	mg/m^3	6.59	C8.H19.N.S	L	
1158	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	62.13	ppm	2.54	C2H6S	L	-147.88
1159	Ethanol, titanium(4+) salt	3087-36-3	232.16	mg/m^3	9.49	4(C2.H6.O).Ti	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1139	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3						01/04/99	08/17/13	12/31/11
1140	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer)	25036-25-3						07/11/07	08/19/13	12/31/11
1141	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3						09/30/97	08/19/13	12/31/11
1142	**Epoxybutane, 1,2-; (1,2-Butylene oxide)**	**106-88-7**	63.3	180	25	0.8312 @ 20°C	17000	09/30/97	02/13/15	01/21/10
1143	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	227	< 0.1	20	1.0966 @ 20°C		10/11/05	08/19/13	10/08/12
1144	Erbium nitrate pentahydrate	10031-51-3						09/30/97	08/19/13	12/31/11
1145	Erbium(III) nitrate	10168-80-6						09/30/97	08/19/13	12/31/11
1146	Erbium(III) nitrate hexahydrate	13476-05-6						09/30/97	08/19/13	12/31/11
1147	Erbium(III) oxide	12061-16-4	3920			8.64		12/08/02	08/19/13	12/31/11
1148	Ergotamine tartrate	379-79-3						12/08/02	08/19/13	12/31/11
1149	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7				1.1-1.2		04/14/04	08/19/13	12/31/11
1150	Ethanaminium, N,N,N-triethyl-, iodide (1:1); (Tetraethylammoniumiodide; Ammonium, tetraethyl-, iodide)	68-05-3				1.559 @ 4°C		10/11/05	08/19/13	08/19/13
1151	Ethane	74-84-0	-88.6	760		0.446 as liq	30000	06/13/02	03/09/15	06/03/13
1152	Ethanedioic acid, dimethyl ester	553-90-2	163.5			1.148		10/11/05	08/19/13	12/31/11
1153	Ethanedithiol, 1,2-	540-63-6	146	5.68	25	1.124		10/11/05	08/19/13	12/31/11
1154	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	284			1.00		03/01/00	08/19/13	12/31/11
1155	Ethanediylbis(N-(carboxymethyl)glycine), N,N'-1,2-, dipotassium salt	2001-94-7						10/11/05	08/19/13	12/31/11
1156	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	182 @17mm					10/11/05	08/19/13	12/31/11
1157	Ethanethiol, 2-[bis(1-methylethyl)amino]-; (Ethanethiol, 2-(Diisopropylamino)-	5842-07-9						07/05/12	08/19/13	
1158	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	35	750	34.7	0.8315	28000	09/30/97	02/09/15	
1159	Ethanol, titanium(4+) salt	3087-36-3						10/11/05	08/19/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1160	Ethanolamine	141-43-5	61.08	ppm	2.50	C2H7NO	L	10.5
1161	Ethenylsilanetriol triacetate	4130-08-9	232.263	mg/m^3	9.49	C8.H12.O6.Si	L	7
1162	Ethidium bromide; (2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide)	1239-45-8	394.35	mg/m^3	16.12	C21H20BrN3	S	260-262 dec
1163	Ethion	563-12-2	384.49	mg/m^3	15.71	C9.H22.O4.P2.S4	L	-13
1164	Ethoxyethanol, 2-	110-80-5	90.12	ppm	3.68	C4H10O2	L	-70
1165	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	134.2	ppm	5.48	C6H14O3	L	
1166	Ethoxyethyl methacrylate, 2-	2370-63-0	158.20	mg/m^3	6.47	C8.H14.O3	S	
1167	Ethoxyethylacetate, 2-	111-15-9	132.16	ppm	5.40	C6H12O3	L	-61.7
1168	Ethoxyimino)butyl)-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-en-1-one, 2-(1-(; (Checkmate)	74051-80-2	327.53	mg/m^3	13.39	C17H29NO3S	S	
1169	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6		mg/m^3			S	44-48
1170	Ethoxylated alcohols, C7-C21	68991-48-0		mg/m^3		[Unspecified]		
1171	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9		mg/m^3		(C2H4O)n (C15H24O)		42-43
1172	Ethyl (or dimethyl) pyrrolidine	z-0020	99	mg/m^3	4.05	[Unspecified]		
1173	Ethyl acetate	141-78-6	88.11	ppm	3.60	C4H8O2	L	-83.8
1174	Ethyl acetoacetate	141-97-9	130.16	mg/m^3	5.32	C6.H10.O3	L	-45
1175	**Ethyl acrylate**	**140-88-5**	100.12	ppm	4.09	C5H8O2	L	-71.2
1176	**Ethyl alcohol; (Ethanol)**	**64-17-5**	46.07	ppm	1.88	C2H6O	L	-114.14
1177	Ethyl alcohol-d; (Ethanol-d)	925-93-9	47.07	ppm	1.92	C2H5OD	L	
1178	**Ethyl benzene**	**100-41-4**	106.18	ppm	4.34	C8H10	L	-94.9
1179	Ethyl benzoate	93-89-0	150.19	mg/m^3	6.14	C9.H10.O2	L	-34.6
1180	Ethyl bromoacetate	105-36-2	167.02	ppm	6.83	C4.H7.Br.O2	L	<-20
1181	Ethyl butyl ketone; (3-Heptanone)	106-35-4	114.21	ppm	4.67	C7.H14.O	L	-36.7

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1160	Ethanolamine	141-43-5	171	0.75	35	1.0180 @ 20°C	30000	11/30/92	03/09/15	10/08/12
1161	Ethenylsilanetriol triacetate	4130-08-9	112 @13mm			1.16		10/11/05	08/19/13	12/31/11
1162	Ethidium bromide; (2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide)	1239-45-8		1.2x10-12	25			01/04/99	08/19/13	05/02/12
1163	Ethion	563-12-2	165 @ 0.3mm			1.31 @ 20°C		12/08/02	08/19/13	12/31/11
1164	Ethoxyethanol, 2-	110-80-5	135	7.5	30	0.9253	17000	12/30/95	11/13/13	11/13/13
1165	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	196	0.126	25	0.986 @ 20°C	12000	01/04/99	08/19/13	06/05/13
1166	Ethoxyethyl methacrylate, 2-	2370-63-0						10/11/05	12/06/13	12/06/13
1167	Ethoxyethylacetate, 2-	111-15-9	156.4	0.75	14	0.9740 @ 20°C	17000	09/30/97	03/09/15	02/17/12
1168	Ethoxyimino)butyl)-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-en-1-one, 2-(1-(; (Checkmate)	74051-80-2						03/01/00	08/19/13	12/31/11
1169	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6				1.02		07/11/07	08/19/13	12/31/11
1170	Ethoxylated alcohols, C7-C21	68991-48-0						07/09/97	08/19/13	12/31/11
1171	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9						09/30/97	08/19/13	12/31/11
1172	Ethyl (or dimethyl) pyrrolidine	z-0020						12/08/02	11/19/13	11/19/13
1173	Ethyl acetate	141-78-6	77.11	75	20.4	0.9003 @ 20°C	20000	12/30/95	08/19/13	06/28/12
1174	Ethyl acetoacetate	141-97-9	180.8	0.78	25	1.0282 @ 20°C	14000	10/11/05	08/19/13	12/31/11
1175	**Ethyl acrylate**	**140-88-5**	99.4	75	38.5	0.9234 @ 20°C	14000	09/30/97	02/13/15	
1176	**Ethyl alcohol; (Ethanol)**	**64-17-5**	78.29	75	29.2	0.7893 @ 20°C	33000	08/21/96	08/19/13	12/31/11
1177	Ethyl alcohol-d; (Ethanol-d)	925-93-9	78.29				33000	07/11/07	08/19/13	12/31/11
1178	**Ethyl benzene**	**100-41-4**	136.2	10	26	0.8669	8000	12/30/95	02/13/15	
1179	Ethyl benzoate	93-89-0	213.4	1	44	1.048 @ 20°C		07/11/07	08/19/13	12/31/11
1180	Ethyl bromoacetate	105-36-2	158.8	2.6	25	1.5032 @ 20°C		07/11/07	08/20/13	06/28/12
1181	Ethyl butyl ketone; (3-Heptanone)	106-35-4	149-152			0.8198 @ 20°C	14000	12/08/02	08/20/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1182	Ethyl chloride; (Chloroethane)	75-00-3	64.51	ppm	2.64	C2H5Cl	L or G	-138.4
1183	Ethyl chloroacetate	105-39-5	122.56	ppm	5.01	C4.H7.Cl.O2	L	-27
1184	**Ethyl chloroformate**	**541-41-3**	108.53	ppm	4.44	C3.H5.Cl.O2	L/S	-80.6
1185	**Ethyl dimethylamido-cyanophosphate; (Tabun; GA)**	**77-81-6**	162.15	ppm	6.63	C5H11N2O2P	L	-49.4
1186	Ethyl ether	60-29-7	74.12	ppm	3.03	C4H10O	L	-116.2
1187	Ethyl formate	109-94-4	74.09	ppm	3.03	C3.H6.O2	L	-79
1188	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	144.21	mg/m^3	5.89	C8H16O2	L	
1189	**Ethyl isocyanate**	**109-90-0**	71.078	ppm	2.91	C3.H5.N.O	L	
1190	Ethyl lactate; (Ethyl (S)-(-)-lactate)	687-47-8	118.13	mg/m^3	4.83	C5.H10.O3	L/S	25
1191	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7	265.1	mg/m^3	10.84	C2H5ClHg	S	192
1192	Ethyl methacrylate; (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	114.16	ppm	4.67	C6.H10.O2	L	<-75
1193	Ethyl methylphosphonic acid; (EMPA; VX acid; Ethyl methyl phosphonate; Ethyl methyl phosphonic acid)	1832-53-7	124.08	mg/m^3	5.07	C3.H9.O3.P	L	
1194	Ethyl nitrite	109-95-5	75.08	ppm	3.07	C2.H5.N.O3	L	-50
1195	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8	235.30566	mg/m^3	9.62	C11.H26.N.O2.P		
1196	Ethyl propionate	105-37-3	102.15	ppm	4.18	C5.H10.O2	L	-72.6
1197	Ethyl S,S-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	242.34	mg/m^3	9.90	C8H19O2PS2	L	-13
1198	Ethyl sec-amyl ketone; (5-Methyl-3-heptanone)	541-85-5	128.24	ppm	5.24	C8.H16.O	L	-23
1199	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2	106.0536	mg/m^3	4.33	C2.H6.O3.Si	S	
2957	**Ethyl trichlorosilane; (trichloroethylsilane)**	**115-21-9**	163.51	ppm	6.68	C2H5Cl3Si	L	-105.6
1200	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	146.26	ppm	5.98	C8.H18.O2	L	-40
1201	**Ethyl-1-hexanol, 2-**	**104-76-7**	130.26	ppm	5.32	C8H18O	L	-70
1202	Ethyl-2-methylheptane, 3-	14676-29-0	142.28	ppm	5.82	C.C.(C.H3).C.(C2.H5).C.C.C.C	L	

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1182	Ethyl chloride; (Chloroethane)	75-00-3	12.3	750	12	0.9239 @ 0°C	38000	12/30/95	03/09/15	10/08/12
1183	Ethyl chloroacetate	105-39-5	144	10	37.5	1.145		07/11/07	08/20/13	12/31/11
1184	**Ethyl chloroformate**	**541-41-3**	94	22.4	25	1.1442 @ 15°C		06/13/02	08/20/13	08/20/13
1185	**Ethyl dimethylamido-cyanophosphate; (Tabun; GA)**	**77-81-6**	238 dec	0.07	25	1.073		01/10/01	05/28/09	10/11/05
1186	Ethyl ether	60-29-7	34.5	750	34.1	0.7138 @ 20°C	19000	12/30/95	03/09/15	10/08/12
1187	Ethyl formate	109-94-4	54.3	100	5.4	0.9236 @ 20°C	28000	07/11/07	08/20/13	06/28/12
1188	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	228	7.5	108	0.9031	8000	09/30/97	08/20/13	12/31/11
1189	**Ethyl isocyanate**	**109-90-0**	60	200	25	0.9031		01/22/10	02/09/15	11/18/14
1190	Ethyl lactate; (Ethyl (S)-(-)-lactate)	687-47-8	154	3.75	25	1.042	15000	07/11/07	08/20/13	12/31/11
1191	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7						09/30/97	05/09/14	05/09/14
1192	Ethyl methacrylate; (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	119	20.59	20	0.911	18000	06/13/02	08/20/13	06/28/12
1193	Ethyl methylphosphonic acid; (EMPA; VX acid; Ethyl methyl phosphonate; Ethyl methyl phosphonic acid)	1832-53-7				1.172		07/07/12	10/21/13	08/20/13
1194	Ethyl nitrite	109-95-5	17			0.900 @ 15.5°C	40000	12/08/02	03/09/15	12/31/11
1195	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8						10/11/05	08/20/13	12/31/11
1196	Ethyl propionate	105-37-3	99	40	27.2	0.891 @ 20°C	19000	04/14/04	03/09/15	12/31/11
1197	Ethyl S,S-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	86-91 @ 0.2 mmHg	3.80E-04	25	1.09 @ 20°C		08/07/98	01/29/14	01/29/14
1198	Ethyl sec-amyl ketone; (5-Methyl-3-heptanone)	541-85-5	168	2	20	0.822 @ 20°C		12/08/02	08/20/13	12/31/11
1199	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2						07/11/07	08/20/13	12/31/11
2957	**Ethyl trichlorosilane; (trichloroethylsilane)**	**115-21-9**	97.9	47.18	25	1.238 @ 20°C		06/13/02	02/09/15	
1200	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	243.1	<0.01	20	0.9422 @ 20°C		07/11/07	08/20/13	08/20/13
1201	**Ethyl-1-hexanol, 2-**	**104-76-7**	184.6	0.36	20	0.834	8800	01/04/99	10/01/13	12/08/09
1202	Ethyl-2-methylheptane, 3-	14676-29-0	163			0.7398		06/13/02	03/09/15	10/09/14

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1203	Ethyl-2-methyloctane, 6-	62016-19-7	156.31	ppm	6.39	C11.H24	L	
1204	Ethyl-2-oxazoline, 2-	10431-98-8	99.13	ppm	4.05	C5.H9.N.O.	L	-62
1205	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester); Ethylparaben	120-47-8	166.19	mg/m^3	6.79	C9.H10.O3	S	116
1206	Ethyl-5-methylheptane, 3-	52896-90-9	142.28	ppm	5.82	C10.H22	L	
1207	Ethyl-6-methyl-4-phenyl-3-cyclohexene-1-carboxylic acid sodium salt, 5-; (Mebane sodium salt)	16550-39-3	266.34	mg/m^3	10.89	C16H19NaO2	S (?)	
1208	**Ethylamine; (Monoethylamine; Ethylamine anhydrous)**	**75-04-7**	45.1	ppm	1.84	C2.H7.N	L	-80.6
1209	Ethylbenzaldehyde, 2-	22927-13-5	134.1774	ppm	5.48	C9.H100	S	
1210	**Ethylbis(2-chloroethyl)amine; (Bis(2-chloroethyl)ethylamine; Nitrogen mustard-1)**	**538-07-8**	170.1	mg/m^3	6.95	C6.H13.Cl2.N	L	-34
1211	**Ethylchlorothioformate**	**2941-64-2**	132.56	ppm	5.42	C3.H5.Cl.O.S	L	
1212	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	174.89	mg/m^3	7.15	C2.H5.As.Cl2	L	-65
1213	Ethylene	74-85-1	28.05	ppm	1.15	C2H4	G	-169.15
1214	**Ethylene chlorohydrin; (2-Chloroethanol)**	**107-07-3**	80.52	ppm	3.29	C2H5ClO	L	-67.5
1215	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	187.86	ppm	7.68	C2H2Br2	L	9.84
1216	**Ethylene dichloride; (1,2-Dichloroethane)**	**107-06-2**	98.96	ppm	4.04	C2H4Cl2	L	-35.7
1217	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	64.07	ppm	2.62	C2.H5.F.O	L	-26.45
1218	Ethylene glycol	107-21-1	62.08	ppm	2.54	C2H6O2	L	-12.69
1219	Ethylene glycol diacetate	111-55-7	146.16	mg/m^3	5.97	C6.H10.O4	L	-31
1220	Ethylene glycol dimethacrylate	97-90-5	198.1	mg/m^3	8.10	C10.H14.O4	L	-40
1221	Ethylene glycol dinitrate; ethanediol dinitrate, 1,2-	628-96-6	152.08	ppm	6.22	C2H4N2O6	L	-22.3
1222	Ethylene glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	118.15	ppm	4.83	C5.H10.O3	L	-70
1223	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	76.11	ppm	3.11	C3H8O2	L	-86.5

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1203	Ethyl-2-methyloctane, 6-	62016-19-7						12/08/02	10/09/14	10/09/14
1204	Ethyl-2-oxazoline, 2-	10431-98-8	128.4			0.982		07/11/07	12/06/13	12/06/13
1205	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester); Ethylparaben	120-47-8	297-298					07/11/07	01/29/14	01/29/14
1206	Ethyl-5-methylheptane, 3-	52896-90-9						12/08/02	03/09/15	10/09/14
1207	Ethyl-6-methyl-4-phenyl-3-cyclohexene-1-carboxylic acid sodium salt, 5-; (Mebane sodium salt)	16550-39-3						09/30/97	10/01/13	10/01/13
1208	**Ethylamine; (Monoethylamine; Ethylamine anhydrous)**	**75-04-7**	16.6	400	20	0.662 @ 20°C	35000	06/13/02	02/13/15	08/17/07
1209	Ethylbenzaldehyde, 2-	22927-13-5	83 @ 1 mmHg			0.979		06/13/02	03/09/15	12/31/11
1210	**Ethylbis(2-chloroethyl)amine; (Bis(2-chloroethyl)ethylamine; Nitrogen mustard-1)**	**538-07-8**	194 dec	0.25	25	1.09		12/08/02	02/17/15	12/31/11
1211	**Ethylchlorothioformate**	**2941-64-2**	132			1.195		09/05/08	02/17/15	12/31/11
1212	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	156 dfc	2.29	21.5	1.742 @ 14°C		09/05/08	02/17/15	10/03/12
1213	Ethylene	74-85-1	-103.77	5.12E+4	25	0.568 @ -104°C	27000	08/07/98	08/20/13	02/17/12
1214	**Ethylene chlorohydrin; (2-Chloroethanol)**	**107-07-3**	128.8	4.9	20	1.44 @ 20°C	49000	09/26/14	09/26/14	09/26/14
1215	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	131.6	7.5	18	2.1683		12/30/95	02/13/15	05/16/08
1216	**Ethylene dichloride; (1,2-Dichloroethane)**	**107-06-2**	83.5	75	23.7	1.2454	62000	12/30/95	06/13/14	11/10/09
1217	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	103.5	21.25	25	1.1040 @ 20°C		12/08/02	02/05/15	02/05/15
1218	Ethylene glycol	107-21-1	197.3	7.5x10-2	24	1.1135 @ 20°C	32000	11/30/92	05/27/15	08/17/07
1219	Ethylene glycol diacetate	111-55-7	190-191	0.0774	25	1.104	16000	07/11/07	08/20/13	08/20/13
1220	Ethylene glycol dimethacrylate	97-90-5	260			1.055 @ 20°C		10/11/05	08/20/13	12/31/11
1221	Ethylene glycol dinitrate; ethanediol dinitrate, 1,2-	628-96-6	105.5			1.483 @ 8°C		04/30/15		
1222	Ethylene glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	143	2	20	1.005 @ 20°C	15000	07/11/07	03/09/15	01/10/12
1223	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	124.5	9.5	25	1.4 @ 20°C	18000	08/07/98	08/15/13	08/15/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1224	Ethylene glycol monopropyl ether; (Propyl cellosolve; Ektasolve EP)	2807-30-9	104.15	ppm	4.26	C5H12O2	L	
1225	Ethylene glycol mono-sec-butyl ether	7795-91-7	118.2	mg/m^3	4.83	C6H14O2	S (?)	
1226	**Ethylene oxide; (Oxirane)**	**75-21-8**	44.05	ppm	1.80	C2H4O	L or G	-112.5
1227	Ethylene/vinyl acetate copolmer	24937-78-8		mg/m^3		(C4.H6.O2.C2.H4)x	S	100
1228	Ethylenediamine dihydrochloride	333-18-6	133.04	mg/m^3	5.44	C2.H8.N2.2(Cl.H)	S	subl.
1229	**Ethylenediamine, 1,2-**	**107-15-3**	60.12	ppm	2.46	C2H8N2	L	11.14
1230	Ethylenediaminetetraacetic acid, disodium salt	139-33-3	336.24	mg/m^3	13.74	C10H14N2Na2O8	S	
1231	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6	372.28	mg/m^3	15.22	C10.H14.N2.O8. 2Na 2(H2.O)	S	248 dec
1232	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9	362.10	mg/m^3	14.80	C10H16FeN3O8	S	
1233	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1	416.2	mg/m^3	17.01	C10.H12.N2.O8.4Na.2(H2.O)	S	
1234	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	380.2	mg/m^3	15.54	C10H12N2O8.4Na	S	300 dec
1235	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4	292.24	mg/m^3	11.94	C10H16N2O8	S	245 dec
1236	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	292.43	mg/m^3	11.95	C14H32N2O4	L	
1237	**Ethyleneimine**	**151-56-4**	43.07	ppm	1.76	C2H5N	L	-77.9
1238	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7	102.16	mg/m^3	4.18	C3H6N2S	S	203
1239	Ethylheptane, 4-	2216-32-2	128.26	ppm	5.24	C9.H20	L	
1240	Ethylhexyl acrylate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	184.31	ppm	7.53	C11.H20.O2	L	-90
1241	Ethylhexyl bromide, 2-	18908-66-2	193.1962	mg/m^3	7.90	C8.H17.Br	L	69.44
1242	**Ethylhexylchloroformate, 2-**	**24468-13-1**	192.71	ppm	7.88	C9.H17.Cl.O2	L	
1243	Ethylhexyloxy)ethanol, 2-(2-	1559-35-9	174.32	mg/m^3	7.12	C10H22O2	L	
1244	Ethylidene chloride, 1,1-; (1,1-Dichloroethane)	75-34-3	98.96	ppm	4.04	C2H4Cl2	L	-96.9
1245	**Ethylidene norbornene**	**16219-75-3**	120.19	ppm	4.91	C9.H12	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1224	Ethylene glycol monopropyl ether; (Propyl cellosolve; Ektasolve EP)	2807-30-9	149.8	7.5	40	0.9112 @ 20°C		09/30/97	03/09/15	01/25/13
1225	Ethylene glycol mono-sec-butyl ether	7795-91-7						09/30/97	10/22/13	12/31/11
1226	**Ethylene oxide; (Oxirane)**	**75-21-8**	10.6	750	10.2	0.8821 @ 10°C	30000	10/31/92	08/20/13	12/06/07
1227	Ethylene/vinyl acetate copolmer	24937-78-8				1.07		10/11/05	08/20/13	12/31/11
1228	Ethylenediamine dihydrochloride	333-18-6						10/11/05	08/20/13	06/28/12
1229	**Ethylenediamine, 1,2-**	**107-15-3**	117.2	12.1	25	1.46 @ 20°C	25000	01/04/99	08/20/13	10/09/12
1230	Ethylenediaminetetraacetic acid, disodium salt	139-33-3		7.57x10-17	25			08/07/98	10/03/13	10/03/13
1231	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6						04/14/04	08/20/13	12/31/11
1232	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9						03/01/00	06/10/14	06/10/14
1233	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1						04/14/04	08/20/13	08/20/13
1234	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	240 dec					07/09/97	08/20/13	08/20/13
1235	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4						07/09/97	08/20/13	06/05/13
1236	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	190			1.03		10/11/05	08/20/13	02/17/12
1237	**Ethyleneimine**	**151-56-4**	56	75	4.1	0.832	33000	12/30/95	02/09/15	04/02/09
1238	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7						12/30/95	08/20/13	02/17/12
1239	Ethylheptane, 4-	2216-32-2	141.2			0.7241		06/13/02	03/09/15	10/29/14
1240	Ethylhexyl acrylate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	214-218	1	50	0.8869 @ 20°C	7000	04/14/04	03/09/15	02/17/12
1241	Ethylhexyl bromide, 2-	18908-66-2	75-77 @ 16 mm			1.086		10/11/05	08/20/13	12/31/11
1242	**Ethylhexylchloroformate, 2-**	**24468-13-1**	106					09/05/08	02/17/15	12/31/11
1243	Ethylhexyloxy)ethanol, 2-(2-	1559-35-9	227.7					08/17/07	06/05/13	06/05/13
1244	Ethylidene chloride, 1,1-; (1,1-Dichloroethane)	75-34-3	57.3	75	1	1.757 @ 20°C	54000	12/30/95	08/20/13	10/09/12
1245	**Ethylidene norbornene**	**16219-75-3**	70.2-70.4 @ 58 mm					04/14/04	03/09/15	08/16/07

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1246	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3	88.82	mg/m^3	3.63	C2.H5.Cl.Mg	S	
1247	**Ethylphosphorodichloridate**	**1498-51-7**	162.94	ppm	6.66	C2.H5.Cl2.O2.P	L	
1248	**Ethyl-S-dimethylaminoethyl methylphosphonothiolate; (VX nerve agent)**	**50782-69-9**	267.41	ppm	10.93	C11H26NO2PS	L?	
1249	Ethylthiocyanate	542-90-5	87.15	mg/m^3	3.56	C3.H5.N.S	L	-85.5
1250	Ethyltoluene, o-	611-14-3	120.21	mg/m^3	4.91	C9H12	L	-79.83
1251	Ethyltoluene, p-	622-96-8	120.21	mg/m^3	4.91	C9H12	L	-62.4
1252	Europium	7440-53-1	151.96	mg/m^3	6.21	Eu	S	822
1253	Europium nitrate; (Europium trinitrate)	10138-01-9	337.99	mg/m^3	13.81	EuN3O9	S	
1254	Europium oxide	1308-96-9	351.928	mg/m^3	14.38	Eu2.O3	S	2350
1255	Europium(II) iodide	22015-35-6	405.77	mg/m^3	16.58	Eu.I2	S	580
1256	Farnesol	4602-84-0	222.41	mg/m^3	9.09	C15.H26.O	L	
1257	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0		mg/m^3		[Unknown]		
1258	Fenamiphos	22224-92-6	303.39	mg/m^3	12.40	C13.H22.N.O3.P.S	S	49.2
1259	Fensulfothion	115-90-2	308.37	mg/m^3	12.60	C11.H17.O4.P.S2	L	
1260	Fenthion	55-38-9	278.34	mg/m^3	11.38	C10.H15.O3.P.S2	L	7
1261	Ferric ammonium citrate	1185-57-5	709.44	mg/m^3	29.00	C6.H8.O7.xFe.xH4.N	S	
1262	Ferric ammonium sulfate dodecahydrate	7783-83-7	482.26	mg/m^3	19.71	Fe.N.H4.2(S.O4).12(H2.O)	S	39-41
1263	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2	269.02	mg/m^3	11.00	H4FeNO8S2	S	
1264	Ferric chloride	7705-08-0	162.2	mg/m^3	6.63	Cl3Fe	S plates	307.6
1265	Ferric chloride hexahydrate	10025-77-1	270.32	mg/m^3	11.05	Cl3FeH12O6	S	37
1266	Ferric fluoride	7783-50-8	112.85	mg/m^3	4.61	Fe.F3	S	1000

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1246	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3				0.978		07/11/07	08/20/13	12/31/11
1247	**Ethylphosphorodichloridate**	**1498-51-7**	167			1.35 @ 19°C		01/22/10	02/12/15	02/12/15
1248	**Ethyl-S-dimethylaminoethyl methylphosphonothiolate; (VX nerve agent)**	**50782-69-9**						01/04/99	02/13/15	08/16/07
1249	Ethylthiocyanate	542-90-5	145	4	25	1.020 @ 16°C		12/08/02	07/23/14	07/23/14
1250	Ethyltoluene, o-	611-14-3	164.1			0.88		01/04/99	09/24/14	09/24/14
1251	Ethyltoluene, p-	622-96-8	162.2			.86 @ 20°C		01/04/99	09/24/14	09/24/14
1252	Europium	7440-53-1	1529			5.24		01/04/99	08/20/13	12/31/11
1253	Europium nitrate; (Europium trinitrate)	10138-01-9						09/30/97	08/20/13	12/31/11
1254	Europium oxide	1308-96-9				7.42		12/08/02	08/20/13	12/31/11
1255	Europium(II) iodide	22015-35-6						07/11/07	08/20/13	12/31/11
1256	Farnesol	4602-84-0	110 - 113			0.8871 @ 20°C		07/11/07	08/20/13	12/31/11
1257	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0						09/30/97	08/20/13	12/31/11
1258	Fenamiphos	22224-92-6	450	0.000001	25	1.15 @ 20°C		12/08/02	03/02/15	08/27/14
1259	Fensulfothion	115-90-2	440	0.00005	25	1.202 @ 20°C		12/08/02	08/20/13	12/31/11
1260	Fenthion	55-38-9	87 @ 0.01 mm	4 mPa	20	1.25		07/11/07	08/20/13	06/28/12
1261	Ferric ammonium citrate	1185-57-5				1.8 @ 20°C		06/13/02	04/01/14	04/04/14
1262	Ferric ammonium sulfate dodecahydrate	7783-83-7				1.71		04/14/04	02/18/14	12/31/11
1263	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2						08/07/98	02/18/14	12/31/11
1264	Ferric chloride	7705-08-0	~ 316	1	194	2.9		07/09/97	04/01/14	04/01/14
1265	Ferric chloride hexahydrate	10025-77-1				1.82		01/04/99	02/18/14	06/26/13
1266	Ferric fluoride	7783-50-8				3.52		06/13/02	04/08/14	04/08/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1267	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	106.87	mg/m^3	4.37	FeH3O3	S	500
1268	Ferric nitrate	10421-48-4	241.86	mg/m^3	9.89	FeN3O9	S	35
1269	Ferric nitrate nonahydrate; (Iron(III) nitrate nonahydrate (1:3:9))	7782-61-8	404.06	mg/m^3	16.51	N3.O9.Fe.9(H2.O)	S deliq	47.2
1270	Ferric phosphate	10045-86-0	150.82	mg/m^3	6.16	FeO4P	S	
1271	Ferric sulfate; (Iron(III) sulfate)	10028-22-5	399.88	mg/m^3	16.34	Fe2O12S3	S	480 dec
1272	Ferrous ammonium sulfate	10045-89-3	284.07	mg/m^3	11.61	FeH8N2O8S2	S	100-110
1273	Ferrous carbonate	563-71-3	115.86	mg/m^3	4.74	FeCO3	S	dec
1274	Ferrous chloride	7758-94-3	126.75	mg/m^3	5.18	Cl2Fe	S hygr	676
1275	Ferrous disulfide; (Iron disulfide)	12068-85-8	119.97	mg/m^3	4.90	FeS2	S	>600
1276	Ferrous hydroxide; (Iron(II) hydroxide)	18624-44-7	89.86	mg/m^3	3.67	FeH2O2	S	140 dec
1277	Ferrous Oxalate; (Iron(II) oxalate)	516-03-0	143.87	mg/m^3	5.88	C.Fe.O4	S	
1278	Ferrous sulfamate	14017-39-1	155.96	mg/m^3	6.37	FeH6N2O6S2	S	
1279	Ferrous sulfate	7720-78-7	151.91	mg/m^3	6.21	FeO4S	S	
1280	Ferrous sulfate heptahydrate	7782-63-0	278.01	mg/m^3	11.36	FeH14O11S	S	~ 60 dec
1281	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3		mg/m^3		[Unspecified]	S	
1282	Fluenetil	4301-50-2	258.31	mg/m^3	10.56	C16.H15.F.O2	S	
1283	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	87.82	mg/m^3	3.59	B.F4.H	L	
1284	Fluoranthene	206-44-0	202.25	mg/m^3	8.27	C16H10	S	110.19
1285	Fluorene, 9H-	86-73-7	166.22	mg/m^3	6.79	C13H10	S	114.77
1286	Fluorides (as F)	16984-48-8	19.00	mg/m^3	0.78	F	S	
1287	**Fluorine**	**7782-41-4**	38	ppm	1.55	F2	G	-219.4 triple point
1288	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	141.1	mg/m^3	5.77	F.C6.H4.N.O2	S	27

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1267	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	dec			3.65		01/10/01	02/18/14	08/21/13
1268	Ferric nitrate	10421-48-4				1.68 @ 21°C		08/21/96	04/01/14	12/31/11
1269	Ferric nitrate nonahydrate; (Iron(III) nitrate nonahydrate (1:3:9))	7782-61-8	decomp			1.68 @ 21°C		06/13/02	02/18/14	12/31/11
1270	Ferric phosphate	10045-86-0				2.87		01/04/99	02/18/14	12/31/11
1271	Ferric sulfate; (Iron(III) sulfate)	10028-22-5				3.1		12/30/95	02/19/14	10/09/12
1272	Ferrous ammonium sulfate	10045-89-3				1.865		08/07/98	04/01/14	12/31/11
1273	Ferrous carbonate	563-71-3				3.9		10/11/05	02/19/14	12/31/11
1274	Ferrous chloride	7758-94-3	1023	10	700	3.16		08/07/98	02/18/14	02/18/14
1275	Ferrous disulfide; (Iron disulfide)	12068-85-8				5.2		08/07/98	04/01/14	12/06/13
1276	Ferrous hydroxide; (Iron(II) hydroxide)	18624-44-7				3.4		09/30/97	02/18/14	02/18/14
1277	Ferrous Oxalate; (Iron(II) oxalate)	516-03-0						07/22/10	02/18/14	12/31/11
1278	Ferrous sulfamate	14017-39-1						08/07/98	02/18/14	12/31/11
1279	Ferrous sulfate	7720-78-7				3.65		08/21/96	02/18/14	10/09/12
1280	Ferrous sulfate heptahydrate	7782-63-0				1.895		12/30/95	04/01/14	04/01/14
1281	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3						09/30/97	08/21/13	01/24/12
1282	Fluenetil	4301-50-2		0.0000025	25			12/08/02	08/21/13	10/09/12
1283	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	130 dec			1.84		04/14/04	08/21/13	12/31/11
1284	Fluoranthene	206-44-0	384	9.22x10-6	25	1.252 @ 0°C		09/30/97	08/21/13	12/31/11
1285	Fluorene, 9H-	86-73-7	295	7.5	137.4	1.203 @ 0°C		09/30/97	08/21/13	12/31/11
1286	Fluorides (as F)	16984-48-8						08/07/98	08/21/13	10/09/12
1287	**Fluorine**	**7782-41-4**	-188.12	750	-188.3	1.553		11/30/92	02/12/15	
1288	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	206-207			1.338		10/11/05	10/09/13	10/09/13

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1289	Fluoro-4-nitrophenol, 2-	403-19-0	157.1	mg/m^3	6.42	C6.H4.F.N.O3	S	120-122
1290	Fluoro-6-nitrophenol, 2-	1526-17-6	157.1	mg/m^3	6.42	C6.H4.F.N.O3		
1291	Fluoroacetamide	640-19-7	77.07	mg/m^3	3.15	C2.H4.F.N.O	S	107-109
1292	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8	100.03	mg/m^3	4.09	C2.H2.F.O2.Na	S	200
1293	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	78.05	mg/m^3	3.19	C2.H3.F.O2	S	35.3
1294	Fluoroacetyl chloride	359-06-8	96.49	mg/m^3	3.94	C2.H2.Cl.F.O	L	
1295	Fluoroaniline, p-	371-40-4	111.13	mg/m^3	4.54	C6.H6.F.N	L	-1.9
1296	Fluorobenzene	462-06-6	96.11	mg/m^3	3.93	C6.H5.F	L	-40
1297	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	100.07	mg/m^3	4.09	F.H.O3.S	L	-89
1298	Fluorotrimethylsilane	420-56-4	92	ppm	3.76	C3H9FSi	L	
1299	Fluorouracil	51-21-8	130.09	mg/m^3	5.32	C4.H3.F.N2.O2	S	282-283
1300	Fonofos	944-22-9	246.34	mg/m^3	10.07	C10.H15.O.P.S2	L	
1301	Forane	26675-46-7	184.5	ppm	7.54	C3.H2.Cl.F5.O		
1302	**Formaldehyde**	**50-00-0**	30.03	ppm	1.23	CH2O	G	-92
1303	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	57.06	ppm	2.33	C2.H3.N.O	L	<-72
1304	Formamide	75-12-7	45.05	ppm	1.84	CH3NO	L	2.5
1305	Formetanate hydrochloride	23422-53-9	257.72	mg/m^3	10.53	C11H15N3O2ClH	S powder	201 dec
1306	**Formic acid**	**64-18-6**	46.03	ppm	1.88	CH2O2	L	8.3
1307	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	86.1	mg/m^3	3.52	C4.H6.O2	L	
1308	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	102.15	ppm	4.18	C5-H10-O2	L	-90
1309	Formothion	2540-82-1	257.27	mg/m^3	10.51	C6H12NO4PS2	L	25.5
1310	Formparanate	17702-57-7	235.32	mg/m^3	9.62	C12.H17.N3.O2	S	

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1289	Fluoro-4-nitrophenol, 2-	403-19-0						12/08/02	09/26/14	11/19/13
1290	Fluoro-6-nitrophenol, 2-	1526-17-6						12/08/02	09/26/14	11/19/13
1291	Fluoroacetamide	640-19-7	250	0.001	25			12/08/02	01/24/13	01/24/13
1292	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8						06/13/02	10/18/13	12/31/11
1293	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	167-168	1.9	25	1.393 @ 36°C		12/08/02	08/21/13	12/31/11
1294	Fluoroacetyl chloride	359-06-8	73	80	25			12/08/02	01/24/13	01/24/13
1295	Fluoroaniline, p-	371-40-4	188	1	25	1.1725 @ 20°C		07/11/07	08/21/13	12/31/11
1296	Fluorobenzene	462-06-6	85.2			1.024		04/14/04	08/21/13	12/31/11
1297	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	163			1.726		09/05/08	08/21/13	
1298	Fluorotrimethylsilane	420-56-4						03/01/00	03/09/15	12/06/13
1299	Fluorouracil	51-21-8	361	0.00001	25			06/13/02	08/21/13	12/31/11
1300	Fonofos	944-22-9	380	0.00021	25	1.16		12/08/02	03/02/15	08/27/14
1301	Forane	26675-46-7						10/11/05	06/06/13	06/06/13
1302	**Formaldehyde**	**50-00-0**	-19.1	750	-19.3	0.815 @ -20°C		11/30/92	03/09/15	
1303	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	183	1.8	25	1.1		12/08/02	08/21/13	06/28/12
1304	Formamide	75-12-7	220	0.061	25	1.134 @ 20°C		01/04/99	03/09/15	10/09/12
1305	Formetanate hydrochloride	23422-53-9		0.027 mPa	25			12/08/02	08/21/13	07/26/12
1306	**Formic acid**	**64-18-6**	101	75	37	1.220 @ 20°C	180000	10/31/92	03/09/15	06/23/10
1307	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	83			0.948 @ 18°C		12/08/02	08/21/13	12/31/11
1308	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	106	40	31.6	0.911	17000	12/08/02	08/21/13	08/21/13
1309	Formothion	2540-82-1		0.0000085	30	1.361 @ 20°C		12/08/02	10/02/13	08/19/13
1310	Formparanate	17702-57-7	385	0.0000025	25			12/08/02	08/21/13	10/09/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1311	Formylpiperidine, 1-	2591-86-8	113.18	ppm	4.63	C6.H11.N.O.	L	-30.8
1312	Fosthietan	21548-32-3	241.28	mg/m^3	9.86	C6.H12.N.O3.P.S2	L	
1313	Fuberidazole	3878-19-1	184.21	mg/m^3	7.53	C11H8N2O	S	286
1314	Fulminic acid; (Carbyloxime)	506-85-4	43.02	ppm	1.76	CHNO	L unstabl	
1315	**Furan**	**110-00-9**	68.07	ppm	2.78	C4H4O	L	-85.61
1316	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	96.09	ppm	3.93	C5H4O2	L	-38.1
1317	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	140.14	ppm	5.73	C7H8O3	S	34.5
1318	Furfuryl alcohol	98-00-0	98.1	ppm	4.01	C5H6O2	L	-14.6
1319	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1	466.58	mg/m^3	19.07	C24H34O9	S	151-152
1320	Gadolinium	7440-54-2	157.25	mg/m^3	6.43	Gd	S	1312
1321	Gadolinium chloride hexahydrate	13450-84-5	371.72	mg/m^3	15.19	Gd.Cl3.6(H2.O)	S	
1322	Gadolinium hydroxide	16469-18-4	208.27	mg/m^3	8.51	Gd.(O.H)3	S	
1323	Gadolinium nitrate, solid	10168-81-7	343.28	mg/m^3	14.03	GdN3O9	S	92
1324	Gadolinium nitrite	z-0022	295.25	mg/m^3	12.07	Gd.(N.O2)3	S	
1325	Gadolinium(III) oxide	12064-62-9	362.4982	mg/m^3	14.82	Gd2.O3	S hygr	2339
1326	Gallic acid monohydrate	5995-86-8	188.1366	mg/m^3	7.69	C7.H8.O6	S	251
1327	Gallium	7440-55-3	69.72	mg/m^3	2.85	Ga	S	29.78
1328	Gallium oxide	12024-21-4	187.44	mg/m^3	7.66	Ga2O3	S	1807
1329	Gallium trichloride	13450-90-3	176.07	mg/m^3	7.20	Ga.Cl3	S/L	78
1330	Gallium trifluoride	7783-51-9	126.72	mg/m^3	5.18	F3Ga	S	> 1000
1331	**Gasoline**	**86290-81-5**	72	ppm	2.94	[Unspecified]	L	-90.5
1332	**Germane; (Germanium tetrahydride)**	**7782-65-2**	76.63	ppm	3.13	Ge.H4	G	-165

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1311	Formylpiperidine, 1-	2591-86-8	222.5			1.019		10/11/05	08/21/13	07/10/12
1312	Fosthietan	21548-32-3	250	0.0000065	25	1.3		12/08/02	08/21/13	10/09/12
1313	Fuberidazole	3878-19-1		0.00001	25			12/08/02	08/21/13	12/31/11
1314	Fulminic acid; (Carbyloxime)	506-85-4						07/11/07	10/09/13	10/09/13
1315	**Furan**	**110-00-9**	31.5	750	31	0.9514 @ 20°C	23000	12/30/95	08/21/13	12/31/11
1316	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	161.7	0.75	16	1.1594 @ 20°C	21000	11/15/96	11/12/09	
1317	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	196.8			1.1174 @ 21°C		12/08/02	08/21/13	12/31/11
1318	Furfuryl alcohol	98-00-0	171	0.75	25	1.1296 @ 20°C	18000	09/30/97	08/21/13	06/06/13
1319	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1						03/01/00	01/07/15	01/07/15
1320	Gadolinium	7440-54-2	3273			7.898		04/14/04	08/21/13	06/28/12
1321	Gadolinium chloride hexahydrate	13450-84-5						07/11/07	08/21/13	10/29/12
1322	Gadolinium hydroxide	16469-18-4						12/08/02	11/19/13	11/19/13
1323	Gadolinium nitrate, solid	10168-81-7						08/07/98	08/21/13	12/31/11
1324	Gadolinium nitrite	z-0022						01/10/01	02/03/14	02/03/14
1325	Gadolinium(III) oxide	12064-62-9	3900			7.407 @ 15°C		12/08/02	08/21/13	02/17/12
1326	Gallic acid monohydrate	5995-86-8						10/11/05	10/17/113	08/21/13
1327	Gallium	7440-55-3	2204			5.904		08/07/98	08/21/13	12/31/11
1328	Gallium oxide	12024-21-4				5.88		08/07/98	08/21/13	01/16/12
1329	Gallium trichloride	13450-90-3	201.3			2.47 @ 26°C		06/13/02	08/21/13	06/28/12
1330	Gallium trifluoride	7783-51-9				4.47		08/07/98	08/21/13	12/31/11
1331	**Gasoline**	**86290-81-5**	32-210	304-684	37.8	0.70-0.80	13000	09/30/97	08/21/13	06/23/10
1332	**Germane; (Germanium tetrahydride)**	**7782-65-2**	-90			1.523 @ -142°C		12/08/02	02/17/15	01/21/10

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1333	Germanium	7440-56-4	72.59	mg/m^3	2.97	Ge	S crystals	938.25
1334	Germanium oxide	1310-53-8	104.59	mg/m^3	4.27	GeO2	S	1115 sol
1335	Germanium tetrafluoride	7783-58-6	148.6	mg/m^3	6.07	Ge.F4	G	-15
1336	Germanous acid	z-0023	122.604	mg/m^3	5.01	Ge.H2.O3	S	
1337	Giemsa's stain; (Blood stain)	51811-82-6		mg/m^3		[Unknown]	S	300
1338	Gluconic acid, D-	526-95-4	196.18	mg/m^3	8.02	C6.H12.O7	S	131
1339	Glutamic acid, L-; ((S)-(+)-Glutamic acid)	56-86-0	147.15	mg/m^3	6.01	C5.H9.N.O4	S	194
1340	**Gluteraldehyde**	**111-30-8**	100.13	ppm	4.09	C5H8O2	L	-14
1341	Glycerine (mist); (Glycerol; Glycerin)	56-81-5	92.09	mg/m^3	3.76	C3H8O3	L	18.1
1342	Glycerine carbonate; (4-Hydroxymethyl-1,3-dioxolan-2-one)	931-40-8	118.09	mg/m^3	4.83	C4.H6.O4	S	
1343	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1	358.63	mg/m^3	14.66	C21H42O4	S	56-58
1344	Glycidaldehyde	765-34-4	72.06	ppm	2.95	C3H4O2	L	-62
1345	Glycidol; (Oxiranemethanol, 1-Propanol, 2,3-epoxy)	556-52-5	74.09	ppm	3.03	C3.H6.O2	L	-45
1346	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethoxysilane)	2530-83-8	236.38	mg/m^3	9.66	C9.H20.O5.Si	L	
1347	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	128.14	ppm	5.24	C6.H8.O3	L	-41.5
1348	Glycine; (Aminoacetic acid)	56-40-6	75.08	mg/m^3	3.07	C2.H5.N.O2	S	262 dec
1349	Glycol carbonate; (Ethylene carbonate)	96-49-1	88.07	mg/m^3	3.60	C3.H4.O3	S	36.4
1350	Glycolic acid; (Hydroxyacetic acid)	79-14-1	76.06	mg/m^3	3.11	C2H4O3	S	63(alpha) 79(beta)
1351	Glycols, polyethylene, dimethyl ether	24991-55-7		mg/m^3		(C2.H4.O)n.C2.H6.O	L	
1352	Glycols, polyethylene, mono(p-nonylphenyl) ether	26027-38-3		mg/m^3		(C2H4O)n C15H24O	L (n<15)	
1353	Glycoluril; (Acetyleneurea)	496-46-8	142.117	mg/m^3	5.81	C2.H6.N2.O4	S	300 dec
1354	Glyoxal; (Ethanedione, 1, 2-)	107-22-2	58.04	mg/m^3	2.37	C2.H2.O2	L	15

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1333	Germanium	7440-56-4	2,833	0	25	5.323		10/11/05	08/21/13	12/31/11
1334	Germanium oxide	1310-53-8				4.25		08/07/98	08/21/13	12/31/11
1335	Germanium tetrafluoride	7783-58-6	-36.5					10/11/05	08/21/13	12/31/11
1336	Germanous acid	z-0023						12/08/02	10/29/14	10/29/14
1337	Giemsa's stain; (Blood stain)	51811-82-6				0.89		04/14/04	08/21/13	12/31/11
1338	Gluconic acid, D-	526-95-4				1.24		07/11/07	08/21/13	12/31/11
1339	Glutamic acid, L-; ((S)-(+)-Glutamic acid)	56-86-0				1.4601 @ 20°C		04/14/04	08/21/13	08/21/13
1340	**Gluteraldehyde**	**111-30-8**	188 dec	0.6	30	0.72		01/04/99	05/15/15	08/24/07
1341	Glycerine (mist); (Glycerol; Glycerin)	56-81-5	290	7.5x10-3	96	1.2613 @ 20°C		08/21/96	03/09/15	06/03/13
1342	Glycerine carbonate; (4-Hydroxymethyl-1,3-dioxolan-2-one)	931-40-8	137 @ 0.5 mm			1.4		07/11/07	08/21/13	12/31/11
1343	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1				0.97		11/15/96	08/21/13	12/31/11
1344	Glycidaldehyde	765-34-4	112.5			1.1403 @ 20°C		09/30/97	10/29/13	10/29/13
1345	Glycidol; (Oxiranemethanol, 1-Propanol, 2,3-epoxy)	556-52-5	167 dec	0.9	25	1.115 @ 20°C		07/11/07	08/21/13	06/07/13
1346	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethoxysilane)	2530-83-8	290			1.065-1.075		07/11/07	08/21/13	12/31/11
1347	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	57.2 @ 2mm			1.1074 @ 20°C		07/11/07	08/21/13	12/31/11
1348	Glycine; (Aminoacetic acid)	56-40-6				1.1607		04/14/04	08/21/13	06/28/12
1349	Glycol carbonate; (Ethylene carbonate)	96-49-1	248	0.01	20	1.322 @ 40°C		04/14/04	08/21/13	12/31/11
1350	Glycolic acid; (Hydroxyacetic acid)	79-14-1	100 dec	8.1	80	1.49		01/10/01	08/22/13	12/31/11
1351	Glycols, polyethylene, dimethyl ether	24991-55-7						10/11/05	08/22/13	12/31/11
1352	Glycols, polyethylene, mono(p-nonylphenyl) ether	26027-38-3				1.06		01/04/99	06/07/13	06/07/13
1353	Glycoluril; (Acetyleneurea)	496-46-8						04/14/04	08/22/13	12/31/11
1354	Glyoxal; (Ethanedione, 1, 2-)	107-22-2	51 @ 776mm	255	25	1.29 @ 20°C		04/14/04	03/09/15	06/26/13

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1355	Goethite; (Iron hydroxide oxide)	1310-14-1	88.85	mg/m^3	3.63	Fe.O.O.H	S	
1356	Gold	7440-57-5	196.97	mg/m^3	8.05	Au	S	1064.76
1357	Graphite; (Mineral carbon)	7782-42-5	12.01	mg/m^3	0.49	C	S	3652-3657
1358	Guanidine hydrochloride	50-01-1	95.53	mg/m^3	3.90	C.H5.N3.Cl.H	S	183
1359	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	147.12	mg/m^3	6.01	C2.H5.N5.O3	S	118
1360	Hafnium	7440-58-6	178.49	mg/m^3	7.30	Hf	S	2233
1361	Hafnium oxide	12055-23-1	210.49	mg/m^3	8.60	HfO2	S	2800
1362	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	165.37	ppm	6.76	BrCClF2	G	-160.5
1363	Hansa yellow	13515-40-7	390.61	mg/m^3	15.96	C17H15ClN4O5		
844	**HCFC-123; (Dichloro-1,1,1-trifluoroethane, 2,2-)**	**306-83-2**	152.93	ppm	6.25	C2.H.Cl2.F3	L	-107
845	**HCFC-141b; (Dichloro-1-fluoroethane, 1,1-; Freon 141)**	**1717-00-6**	116.95	ppm	4.78	C2.H3.Cl2.F	G/L	-103.5
1364	Helium	7440-59-7	4	ppm	0.16	He	G	-272.2
1365	Heptachlor	76-44-8	373.32	mg/m^3	15.26	C10H5Cl7	S	95.5
1366	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3	389.32	mg/m^3	15.91	C10H5Cl7O		160
1367	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-; (HeptaCDF, 1,2,3,4,6,7,8-)	67562-39-4	409.28	mg/m^3	16.73	C12HCl7O	S	
1368	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-; (HeptaCDF, 1,2,3,4,7,8,9-)	55673-89-7	409.28	mg/m^3	16.73	C12HCl7O	S	
1369	Heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-; (HeptaCDD, 1,2,3,4,6,7,8-)	35822-46-9	425.28	mg/m^3	17.38	C12HCl7O2	S	
1370	Heptadecane	629-78-7	240.53	ppm	9.83	C17-H36	L	
1371	Heptafluorobutyric acid	375-22-4	214.05	mg/m^3	8.75	C4.H.F7.O2	L	-19.9
1372	Heptafluorotetrahydro-5-(nonafluorobutyl)furan, 2,2,3,3,4,4,5-; (Perfluoro-2-butyltetrahydrofuran; Fluorinert FC-75)	335-36-4	416.059	mg/m^3	17.00	C8F16O	S	
1373	Heptane	142-82-5	100.23	ppm	4.10	C7H16	L	-91.61

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1355	Goethite; (Iron hydroxide oxide)	1310-14-1				4.26		12/08/02	02/19/14	11/20/13
1356	Gold	7440-57-5	2856	1	1869	19.3		01/04/99	08/22/13	06/28/12
1357	Graphite; (Mineral carbon)	7782-42-5	subl	1	3586	2.25		01/04/99	08/22/13	06/28/12
1358	Guanidine hydrochloride	50-01-1						04/14/04	08/22/13	12/31/11
1359	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7						06/13/02	08/22/13	12/31/11
1360	Hafnium	7440-58-6	4603	7.5x10-3	2416	13.3		09/30/97	05/06/14	12/31/11
1361	Hafnium oxide	12055-23-1	5400			9.68		08/07/98	05/06/14	12/31/11
1362	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	-4	2070	25	1.85		08/07/98	05/04/15	05/04/15
1363	Hansa yellow	13515-40-7						09/30/97	08/22/13	12/31/11
844	**HCFC-123; (Dichloro-1,1,1-trifluoroethane, 2,2-)**	**306-83-2**	27.82	718	25	1.4638		07/11/07	03/02/15	08/27/14
845	**HCFC-141b; (Dichloro-1-fluoroethane, 1,1-; Freon 141)**	**1717-00-6**	32	412	25			06/13/02	03/06/15	10/11/05
1364	Helium	7440-59-7	-268.9			0.147 @ -270.8°C		01/10/01	04/10/14	08/17/07
1365	Heptachlor	76-44-8	145 @ 1.5mmHg	4.0x10-4	25	1.57 @ 9°C		12/30/95	08/22/13	01/10/12
1366	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3						08/21/96	08/22/13	06/07/13
1367	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-; (HeptaCDF, 1,2,3,4,6,7,8-)	67562-39-4						03/01/00	12/11/14	12/11/14
1368	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-; (HeptaCDF, 1,2,3,4,7,8,9-)	55673-89-7						03/01/00	12/11/14	12/11/14
1369	Heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-; (HeptaCDD, 1,2,3,4,6,7,8-)	35822-46-9						03/01/00	12/11/14	12/11/14
1370	Heptadecane	629-78-7						12/08/02	03/09/15	12/31/11
1371	Heptafluorobutyric acid	375-22-4	120.8			1.645		10/11/05	08/22/13	12/31/11
1372	Heptafluorotetrahydro-5-(nonafluorobutyl)furan, 2,2,3,3,4,4,5-; (Perfluoro-2-butyltetrahydrofuran; Fluorinert FC-75)	335-36-4	31-173					08/07/98	08/22/13	12/31/11
1373	Heptane	142-82-5	98.52	40	22.3	0.684	10500	08/07/98	03/09/15	06/07/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1374	Heptanoic acid	111-14-8	130.21	ppm	5.32	C7.H14.O2	L	-7.5
1375	Heptanol, 1-; (Heptyl alcohol)	111-70-6	116.23	mg/m^3	4.75	C7-H16-O	L	-34.6
1376	Heptene, 1-	592-76-7	98.21	ppm	4.01	C7.H14	L	-10
1377	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6	220.06	mg/m^3	8.99	Cr.(CO)6	S	152-155
1378	Hexachloroacetone	116-16-5	264.73	mg/m^3	10.82	C3.Cl6.O	L	-2
1379	Hexachlorobenzene	118-74-1	284.78	mg/m^3	11.64	C6Cl6	S	228.83
1380	**Hexachlorobutadiene**	**87-68-3**	260.76	ppm	10.66	C4Cl6	L	-21
1381	Hexachlorocyclohexane, alpha-; (Benzene hexachloride-alpha-isomer)	319-84-6	290.83	mg/m^3	11.89	C6H6Cl6	S	158
1382	Hexachlorocyclohexane, beta-1,2,3,4,5,6-; (Benzene hexachloride, trans-alpha-)	319-85-7	290.82	mg/m^3	11.89	C6H6Cl6	S	309
1383	Hexachlorocylopentadiene	77-47-4	272.77	ppm	11.15	C5Cl6	L	-9
1384	Hexachlorodibenzodioxin, 1,2,3,4,7,8-; (HexaCDD, 1,2,3,4,7,8-)	39227-28-6	390.84	mg/m^3	15.97	C12H2Cl6O2	S	239
1385	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	374.84	mg/m^3	15.32	C12H2Cl6O	S (?)	
1386	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9	374.84	mg/m^3	15.32	C12H2Cl6O	S (?)	
1387	Hexachlorodibenzofuran, 1,2,3,7,8,9-; (HexaCDF, 1,2,3,7,8,9-)	72918-21-9	374.84	mg/m^3	15.32	C12H2Cl6O	S	
1388	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5	374.84	mg/m^3	15.32	C12H2Cl6O	S (?)	
1389	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7	390.86	mg/m^3	15.97	C12H2Cl6O2	S	285
1390	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-; (HexaCDD, 1,2,3,7,8,9-)	19408-74-3	390.84	mg/m^3	15.97	C12H2Cl6O2	S	
1391	Hexachloroethane	67-72-1	236.74	ppm	9.68	C2Cl6	S	186.8 triple point
1392	Hexachloronaphthalene	1335-87-1	334.74	mg/m^3	13.68	C10H2Cl6	S	137.2
1393	Hexachlorophene	70-30-4	406.9	mg/m^3	16.63	C13H6Cl6O2	S	166.5
1394	Hexachloropropene	1888-71-7	248.73	ppm	10.17	C3Cl6	L	-72.9
1395	Hexadecanamine, 1-	143-27-1	241.52	mg/m^3	9.87	C16.H35.N	S	46.2

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1374	Heptanoic acid	111-14-8	222.2	0.0056	25	0.918		10/11/05	08/22/13	12/31/11
1375	Heptanol, 1-; (Heptyl alcohol)	111-70-6	175.8	0.2163	25	0.824 @ 20°C		12/08/02	12/02/13	12/02/13
1376	Heptene, 1-	592-76-7	93.6	59.3	25	0.6969 @ 20°C		10/11/05	08/22/13	12/31/11
1377	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6						12/08/02	10/30/14	10/30/14
1378	Hexachloroacetone	116-16-5	202.2	0.376	20	1.74 @ 12°C		07/11/07	10/22/13	12/31/11
1379	Hexachlorobenzene	118-74-1	325	4.9x10-5	25	2.044 @ 23°C		12/30/95	09/20/13	09/20/13
1380	**Hexachlorobutadiene**	**87-68-3**	215	7.5x10-2	22	1.556		11/30/92	08/22/13	
1381	Hexachlorocyclohexane, alpha-; (Benzene hexachloride-alpha-isomer)	319-84-6	288	4.5x10-5	25	1.87 @ 20°C		09/30/97	10/07/14	10/07/14
1382	Hexachlorocyclohexane, beta-1,2,3,4,5,6-; (Benzene hexachloride, trans-alpha-)	319-85-7	60 @ .5 mmHg	3.6x10-7	20	1.89 @ 19°C		08/07/98	10/07/14	10/07/14
1383	Hexachlorocylopentadiene	77-47-4	239	0.06	25	1.7019		12/30/95	11/18/14	11/18/14
1384	Hexachlorodibenzodioxin, 1,2,3,4,7,8-; (HexaCDD, 1,2,3,4,7,8-)	39227-28-6						03/01/00	12/11/14	12/11/14
1385	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9						09/30/97	12/11/14	12/11/14
1386	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9						09/30/97	12/11/14	12/11/14
1387	Hexachlorodibenzofuran, 1,2,3,7,8,9-; (HexaCDF, 1,2,3,7,8,9-)	72918-21-9						03/01/00	12/11/14	12/11/14
1388	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5						09/30/97	12/11/14	12/11/14
1389	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7		3.6x10-11	25			09/30/97	12/11/14	12/11/14
1390	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-; (HexaCDD, 1,2,3,7,8,9-)	19408-74-3						03/01/00	12/11/14	12/11/14
1391	Hexachloroethane	67-72-1	184.7 subl	0.75	33.6	2.091 @ 21°C		12/30/95	08/22/13	12/31/11
1392	Hexachloronaphthalene	1335-87-1	343.3 - 387.8	3.3x10-6	25	1.78 no temp		09/30/97	01/24/13	01/24/13
1393	Hexachlorophene	70-30-4						12/30/95	06/26/13	06/26/13
1394	Hexachloropropene	1888-71-7	209-210	0.244	25	1.76 @ 20°C		06/13/02	08/22/13	12/31/11
1395	Hexadecanamine, 1-	143-27-1	322.5			0.8129 @ 20°C		10/11/05	03/09/15	10/03/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1396	Hexadecane	544-76-3	226.5	mg/m^3	9.26	C16H34	L	18.14
1397	Hexadecanoic acid; (Palmitic acid)	57-10-3	256.48	mg/m^3	10.48	C16H32O2	S	63-64
1398	Hexadecanol, 1-	36653-82-4	242.5	mg/m^3	9.91	C16H34O	S	50
1399	Hexadecene, 1-	629-73-2	224.48	ppm	9.17	C16-H32	L	4.1
1400	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5	340.05	mg/m^3	13.90	C21.H38.N.Cl	S	80
1401	Hexadecyltrimethylammonium chloride	112-02-7	320.07	mg/m^3	13.08	C19.H40.Cl.N	S	
1402	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	168.05	ppm	6.87	C3.H2.F6.O	L	-2.0
1403	**Hexafluoroacetone**	**684-16-2**	166.02	ppm	6.79	C3F6O	G	-125.45
1404	Hexafluorobenzene	392-56-3	186.06	ppm	7.60	C6.F6	L	3 - 4
1405	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	162.04	ppm	6.62	C4.F6	G	-117.4
1406	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	138.02	ppm	5.64	C2.F6	G	
1407	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	150.02	ppm	6.13	C3F6	G	-156.5
1408	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0		mg/m^3		(-C3-F6.C2-H2-F2)x	S	
1409	Hexamethylcyclotrisiloxane	541-05-9	222.46	mg/m^3	9.09	C6H18O3Si3	S	64.5
1410	Hexamethyldisilazane	999-97-3	161.44	mg/m^3	6.60	C6H19NSi2	L	
1411	Hexamethyldisiloxane	107-46-0	162.42	ppm	6.64	C6H18OSi	L	-59
1412	Hexamethylene diisocyanate polymer	28182-81-2		mg/m^3		(C8H12N2O2)x	S	
1413	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	168.19	ppm	6.87	C8H12N2O2	L	-67
1414	Hexamethyleneimine	111-49-9	99.2	mg/m^3	4.05	C6.H13.N	L	-37
1415	Hexamethylenetetraamine hydrochloride	58713-21-6		mg/m^3		[Unknown]		
1416	Hexamethylenetetraamine; (Methenamine)	100-97-0	140.19	mg/m^3	5.73	C6H12N4	S	>250
1417	Hexamethylphosphoramide	680-31-9	179.2	ppm	7.32	C6H18N3OP	L	7.2

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1396	Hexadecane	544-76-3	286.5	1	105.3	0.77335		01/04/99	08/23/13	02/17/12
1397	Hexadecanoic acid; (Palmitic acid)	57-10-3	271.5@100			0.849		03/01/00	08/23/13	05/29/12
1398	Hexadecanol, 1-	36653-82-4	178-182			0.8176 @ 50°C/4°C		03/01/00	08/23/13	12/31/11
1399	Hexadecene, 1-	629-73-2	284.4			0.7811 @ 20°C		12/08/02	08/23/13	08/23/13
1400	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5						04/15/07	08/23/13	12/31/11
1401	Hexadecyltrimethylammonium chloride	112-02-7						07/11/07	03/09/15	12/31/11
1402	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	59			1.46		07/11/07	08/23/13	12/31/11
1403	**Hexafluoroacetone**	**684-16-2**	-27.4	750	-27.6	1.33		12/30/95	02/12/15	10/29/14
1404	Hexafluorobenzene	392-56-3	81-82			1.61 @ 20°C		07/11/07	06/07/13	06/07/13
1405	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	-24.6					07/11/07	08/23/13	12/31/11
1406	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	-78.2			4.76 (air=1)		10/11/05	06/26/13	06/26/13
1407	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	-29.6	750	-30.6	1.583 @ -40°C		08/21/96	02/13/15	12/31/07
1408	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0				1.78		04/14/04	08/23/13	12/31/11
1409	Hexamethylcyclotrisiloxane	541-05-9	134			1.12		03/01/00	12/06/13	12/06/13
1410	Hexamethyldisilazane	999-97-3	125	13.8	25	0.76		08/07/98	10/03/13	10/03/13
1411	Hexamethyldisiloxane	107-46-0	101			0.76 @ 20°C		12/08/02	03/09/15	12/31/11
1412	Hexamethylene diisocyanate polymer	28182-81-2						09/30/97	08/23/13	12/31/11
1413	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	122 @ 10mmHg	0.5	25	1.0528 @ 20°C		07/09/97	08/23/13	08/23/13
1414	Hexamethyleneimine	111-49-9	138	8.09	25	0.8643 @ 22°C		07/11/07	03/09/15	12/31/11
1415	Hexamethylenetetraamine hydrochloride	58713-21-6						07/09/97	08/23/13	12/31/11
1416	Hexamethylenetetraamine; (Methenamine)	100-97-0	subl	4.0x10-3	25	1.331 @ -5°C		07/09/97	08/23/13	01/25/12
1417	Hexamethylphosphoramide	680-31-9	232.5	0.03	25	1.03 @ 20°C		09/30/97	10/29/13	10/29/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1418	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	422.92	ppm	17.29	C30.H62	L	-38
1419	Hexanal	66-25-1	100.18	ppm	4.09	C6-H12-O	L	-56.3
1420	**Hexane**	**110-54-3**	86.18	ppm	3.52	C6H14	L	-95.35
1421	Hexanediol diacrylate, 1,6-	13048-33-4	226.3	mg/m^3	9.25	C12.H18.O4	L	
1422	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	118.2	mg/m^3	4.83	C6.H14.O2	S hygr.	42
1423	Hexanehexol, 1,2,3,4,5,6-; (Mannitol)	69-65-8	182.2	mg/m^3	7.45	C6.H14.O6	S	167
1424	Hexanenitrile	628-73-9	97.18	ppm	3.97	C8-H11-N	L	
1425	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	118.26	ppm	4.83	C6.H14.S	L	-80.56
1426	Hexanoic acid; (caproic acid)	142-62-1	116.18	mg/m^3	4.75	C6H12O2	L	-3
1427	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	102.2	mg/m^3	4.18	C6.H14.O	L	
1428	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	102.2	ppm	4.18	C6H14O	L	-46.7
1429	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	100.18	ppm	4.09	C6H12O	L	-56.9
1430	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	100.18	ppm	4.09	C6-H12-O	L	
1431	Hexanoyl chloride	142-61-0	134.603	mg/m^3	5.50	C6.H11.Cl.O	L	-87
1432	Hexaphenylcyclotrisiloxane	512-63-0	594.8892	mg/m^3	24.31	C36.H30.O3.Si3	S	184-188
1433	**Hexene, 1-**	**592-41-6**	84.158	ppm	3.44	C6H12	L	-139.9
1434	Hexylene glycol	107-41-5	118.2	ppm	4.83	C6H14O2	L	-50
1435	**Hexyltrichlorosilane**	**928-65-4**	219.63	ppm	8.98	C6.H13.Cl3.Si	L	
2812	**HFC 134a; (Tetrafluoroethane, 1,1,1,2-)**	**811-97-2**	102.04	ppm	4.17	C2H2F4	G	
1436	**HFO-1234yf; 2,3,3,3-Tetrafluoropropene**	**754-12-1**	114.04	ppm	4.66	C3F4H2		
1437	**HFO-1234ze; 1,3,3,3-Tetrafluoropropylene**	**29118-24-9**	114.04	ppm	4.66	C3F4H2		
1438	Holmium	7440-60-0	164.93	mg/m^3	6.74	Ho	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1418	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	350			0.8115 @ 15°C		10/11/05	01/16/14	01/16/14
1419	Hexanal	66-25-1	131	11.3	25	0.8335 @ 20°C		12/08/02	08/23/13	12/31/11
1420	**Hexane**	**110-54-3**	68.73	75	9.8	0.6606	11000	11/15/96	03/09/15	02/09/15
1421	Hexanediol diacrylate, 1,6-	13048-33-4		0.017	25	1.01		07/11/07	08/23/13	01/25/12
1422	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	250	0.0005 (est)	25	0.967 @ 0°C		10/11/05	07/09/12	07/09/12
1423	Hexanehexol, 1,2,3,4,5,6-; (Mannitol)	69-65-8	290-295			1.52 @ 20°C		04/14/04	06/26/13	06/26/13
1424	Hexanenitrile	628-73-9	163.6					12/08/02	08/23/13	12/31/11
1425	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	151.11			0.84		04/15/07	08/23/13	12/31/11
1426	Hexanoic acid; (caproic acid)	142-62-1	205	0.18	20	0.9295	13000	01/04/99	08/23/13	12/31/11
1427	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	139			0.814		10/11/05	09/23/14	10/29/13
1428	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	157.2	1	24.4	0.8204 @ 20°C	12000	01/04/99	09/15/14	06/27/13
1429	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	127.2	11.6	25	0.83 @ 20°C	12000	01/04/99	09/15/14	10/18/13
1430	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	124			0.813 @ 21.8°C	10000	12/08/02	09/15/14	12/31/11
1431	Hexanoyl chloride	142-61-0	123			0.9784 @ 20°C		07/11/07	10/09/13	12/31/11
1432	Hexaphenylcyclotrisiloxane	512-63-0	300					10/11/05	10/09/13	10/09/13
1433	**Hexene, 1-**	**592-41-6**	64.5	183.7	25	0.6732	12000	01/04/99	03/02/15	08/27/14
1434	Hexylene glycol	107-41-5	197.1	0.05	20	0.9234 @ 15°C		01/04/99	09/11/15	09/11/15
1435	**Hexyltrichlorosilane**	**928-65-4**	190			1.1100 @ 20°C		09/05/08	02/12/15	01/03/08
2812	**HFC 134a; (Tetrafluoroethane, 1,1,1,2-)**	**811-97-2**	-26.2	96	25	1.21 (L)		01/04/99	02/12/15	10/11/05
1436	**HFO-1234yf; 2,3,3,3-Tetrafluoropropene**	**754-12-1**						07/06/12	08/23/13	
1437	**HFO-1234ze; 1,3,3,3-Tetrafluoropropylene**	**29118-24-9**						07/06/12	03/09/15	
1438	Holmium	7440-60-0	2720	2	1630	8.78		07/11/07	10/09/13	10/09/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1439	Holmium trioxide	12055-62-8	377.859	mg/m^3	15.44	Ho2-O3	S	2415
1440	Humic acid, sodium salt	68131-04-4		mg/m^3			S	>300
1441	**Hydrazine**	**302-01-2**	32.05	ppm	1.31	H4N2	L	1.54
1442	Hydrazine hydrate; (Hydrazine monohydrate; aqueous solutions - 10217-52-4)	7803-57-8	50.08	mg/m^3	2.05	H4.N2.H2.O	L	-51.7
1443	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	68.52	mg/m^3	2.80	ClH5N2	S	89
1444	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6	95.06	mg/m^3	3.89	H4N2-HNO3	S	70
1445	Hydrazine sulfate	10034-93-2	130.14	mg/m^3	5.32	H4N2.H2SO4	S/L	254 decom
1446	Hydrazine, dihydrochloride	5341-61-7	104.98	mg/m^3	4.29	Cl.H.0.5 H4.N2	S	197 dec
1447	**Hydriodic acid; (Hydrogen iodide)**	**10034-85-2**	127.91	ppm	5.23	HI	G	-50.8
1448	**Hydrobromic acid; (Hydrogen bromide)**	**10035-10-6**	80.92	ppm	3.31	BrH	G	-87
1449	Hydrogen	1333-74-0	2.02	ppm	0.08	H2	G	-259.18
1450	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	36.46	ppm	1.49	ClH	G	-114.17
1451	**Hydrogen cyanide; (Hydrocyanic acid)**	**74-90-8**	27.03	ppm	1.10	CHN	L or G	-13.29
1452	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	20.01	ppm	0.82	FH	G	-83.36
1453	**Hydrogen peroxide**	**7722-84-1**	34.02	ppm	1.39	H2O2	L	-0.43
1454	Hydrogen potassium phthalate; (Phthalic acid, monopotassium salt; Potassium acid phthalate; Potassium biphthalate)	877-24-7	204.23	mg/m^3	8.35	C8.H5.O4.K	S	dec
1455	**Hydrogen selenide**	**7783-07-5**	80.98	ppm	3.31	H2Se	G	-64
1456	**Hydrogen sulfide**	**7783-06-4**	34.08	ppm	1.39	H2S	G	-85.5
1457	Hydrogenated terphenyl	61788-32-7	298	ppm	12.18		L	
1458	Hydroquinone	123-31-9	110.12	mg/m^3	4.50	C6H6O2	S	172
1459	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	104.11	mg/m^3	4.26	C4.H8.O3	S	82.5

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1439	Holmium trioxide	12055-62-8				8.41		12/08/02	08/23/13	12/31/11
1440	Humic acid, sodium salt	68131-04-4						10/11/05	10/03/13	10/03/13
1441	**Hydrazine**	**302-01-2**	113.55	14.4	25	1.0036	29000	11/30/92	02/09/15	06/02/09
1442	Hydrazine hydrate; (Hydrazine monohydrate; aqueous solutions - 10217-52-4)	7803-57-8	119			1.03 @ 21°C		06/13/02	01/26/15	01/26/15
1443	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	240 dec			1.5		08/07/98	08/23/13	06/02/09
1444	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6						09/30/97	01/26/15	12/09/11
1445	Hydrazine sulfate	10034-93-2				1.378		06/13/02	08/23/13	12/31/11
1446	Hydrazine, dihydrochloride	5341-61-7				1.42		10/11/05	08/23/13	12/31/11
1447	**Hydriodic acid; (Hydrogen iodide)**	**10034-85-2**	-35.38	5940	25	5.66		08/07/98	02/17/15	02/16/12
1448	**Hydrobromic acid; (Hydrogen bromide)**	**10035-10-6**	-66.5	18,410	25	3.31 g/L		08/07/98	02/12/15	09/26/14
1449	Hydrogen	1333-74-0	-252.8	1240000	25	0.070 @ -253°C	40000	06/13/02	04/10/14	08/17/07
1450	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	-85	750	-85.2	1.49		11/30/92	02/12/15	10/11/05
1451	**Hydrogen cyanide; (Hydrocyanic acid)**	**74-90-8**	26	750	25.4	0.6876 @ 20°C	56000	12/30/95	11/23/09	10/11/05
1452	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	20	750	19.2	0.818		11/30/92	02/12/15	06/02/09
1453	**Hydrogen peroxide**	**7722-84-1**	150.2	0.75	13	1.44		11/30/92	06/23/10	04/20/07
1454	Hydrogen potassium phthalate; (Phthalic acid, monopotassium salt; Potassium acid phthalate; Potassium biphthalate)	877-24-7				1.6		04/14/04	08/23/13	12/31/11
1455	**Hydrogen selenide**	**7783-07-5**	-41.4	7600	23.4			03/01/00	09/11/15	09/11/15
1456	**Hydrogen sulfide**	**7783-06-4**	-59.55	750	-60.5	1.393	40000	11/30/92	02/12/15	06/22/07
1457	Hydrogenated terphenyl	61788-32-7	340			1.006		07/11/07	08/23/13	12/31/11
1458	Hydroquinone	123-31-9	285	1.9x10-5	25	1.358 @ 20°C		08/07/98	09/18/15	06/10/13
1459	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	212					04/14/04	08/23/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1460	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9	224.28	mg/m^3	9.17	C12.H16.O4	S	
1461	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	116.18	ppm	4.75	C6H12O2	L	-44
1462	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5	502.31	mg/m^3	20.53	Ca5.OH.(PO4)3	S	
1463	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9	174.18	mg/m^3	7.12	C6.H6.O4.S	S	
1464	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7	138.1226	mg/m^3	5.65	C7.H6.O3	S	214.5
1465	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2	135.14	mg/m^3	5.52	C6.H5.N3.O	S	157-158
1466	Hydroxyethyl acrylate, 2-; (Acrylic acid, 2-hydroxyethyl ester)	818-61-1	116.13	ppm	4.75	C5.H8.O3	L	
1467	Hydroxyethyl methacrylate, 2-	868-77-9	130.14	mg/m^3	5.32	C6H10O3	L	-12
1468	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9	238.24	mg/m^3	9.74	C6.H18.N2.O4.S	S	
1469	Hydroxyethylenediaminetriacetic acid, N-	150-39-0	278.3	mg/m^3	11.37	C10H18N2O7	S	160-5 dec
1470	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4	206.03	mg/m^3	8.42	C2H8O7P2	S	105
1471	Hydroxylamine	7803-49-8	33.04	mg/m^3	1.35	H3NO	L	34
1472	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	69.5	mg/m^3	2.84	ClH4NO	S	159 dec
1473	Hydroxylamine nitrate	13465-08-2	96.04	mg/m^3	3.93	H4N2O4	L	
1474	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0	164.16	mg/m^3	6.71	H8N2O6S	S	170
1475	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0	119.1	mg/m^3	4.87	C.H4.O3.S.Na	S	63
1476	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1	213.2354	mg/m^3	8.72	C13.H11.N.O2		118-120
1477	Hydroxyphenyl)benzothiazole, 2-(2-	3411-95-8	227.28	mg/m^3	9.29	C13.H9.N.O.S	S	131-133
1478	Hydroxyphenylacetic acid, alpha-	90-64-2	152.16	mg/m^3	6.22	C8.H8.O3	S	117-119
1479	Hydroxyquinoline sulfate, 8-	134-31-6	388.42	mg/m^3	15.88	C18.H14.N2.O2.H2.O4.S	S	177.5
1480	Hypophosphorous acid-d3; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2O)	57583-56-9	69.01	mg/m^3	2.82	D3.P.O2		
1481	Hypophosphorus acid; (Phosphonic acid)	6303-21-5	66	mg/m^3	2.70	H3.O2.P	S	26.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1460	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9						10/11/05	08/26/13	12/31/11
1461	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	167.9	1.1	20	0.9306 @ 20°C	18000	01/04/99	01/25/13	01/25/13
1462	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5						05/19/07	08/26/13	08/26/13
1463	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9				1.337		07/11/07	08/26/13	12/31/11
1464	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7		1.90E-07	25	1.46		08/17/07	08/26/13	12/31/11
1465	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2						07/11/07	08/26/13	12/31/11
1466	Hydroxyethyl acrylate, 2-; (Acrylic acid, 2-hydroxyethyl ester)	818-61-1	220	0.0523	25	1.011	18000	07/11/07	08/26/13	12/31/11
1467	Hydroxyethyl methacrylate, 2-	868-77-9	67	0.126	25	1.034		10/11/05	08/26/13	01/16/12
1468	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9						04/14/04	08/26/13	07/12/12
1469	Hydroxyethylenediaminetriacetic acid, N-	150-39-0						01/10/01	08/26/13	12/31/11
1470	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4						01/10/01	10/18/13	02/17/12
1471	Hydroxylamine	7803-49-8	58	53	32	1.227		08/07/98	08/26/13	12/31/11
1472	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	expl			1.6717		08/07/98	05/29/12	05/29/12
1473	Hydroxylamine nitrate	13465-08-2	~100			1.156		08/07/98	04/02/15	04/02/15
1474	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0						08/07/98	08/26/13	12/31/11
1475	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0						10/11/05	08/26/13	12/31/11
1476	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1						10/11/05	08/26/13	12/31/11
1477	Hydroxyphenyl)benzothiazole, 2-(2-	3411-95-8						07/11/07	08/26/13	12/31/11
1478	Hydroxyphenylacetic acid, alpha-	90-64-2	dec			1.3		10/11/05	08/26/13	12/31/11
1479	Hydroxyquinoline sulfate, 8-	134-31-6	267	0.00166	25	1.034 @ 20°C		10/11/05	08/26/13	12/31/11
1480	Hypophosphorous acid-d3; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2O)	57583-56-9				1.35		07/11/07	04/21/15	02/07/12
1481	Hypophosphorus acid; (Phosphonic acid)	6303-21-5	130			1.439		08/07/98	08/26/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1482	Imidazole	288-32-4	68.09	mg/m^3	2.78	C3.H4.N2	S	90-91
1483	Imidazole hydrochloride	1467-16-9	104.54	mg/m^3	4.27	C3.H4.N2.H.Cl	S	158-161
1484	Iminodiacetic acid	142-73-4	133.12	mg/m^3	5.44	C4H7NO4	S	220-250
1485	Iminodiacetic acid, disodium salt hydrate	17593-73-6	195.08	mg/m^3	7.97	C4.H7.N.Na2.O5	S	180
1486	Indan	496-11-7	118.19	mg/m^3	4.83	C9H10	L	-51.4
1487	Indene	95-13-6	116.16	ppm	4.75	C9H8	L	-1.5
1488	Indeno(1,2,3-cd)pyrene	193-39-5	276.34	mg/m^3	11.29	C22H12	S	161-163.5
1489	Indigo carmine; (FD&C blue No 2)	860-22-0	466.36	mg/m^3	19.06	C16H8N2Na2O8S2	S	
1490	Indium	7440-74-6	114.82	mg/m^3	4.69	In	S	156.61
1491	Indium oxide (vapor); (Diindium monoxide)	12030-22-7	249.67	mg/m^3	10.20	H4In2-O	V	
1492	Indium sulfate	13464-82-9	517.82	mg/m^3	21.16	O12.S3.In2	S	
1493	Indium trichloride	10025-82-8	221.17	mg/m^3	9.04	Cl3In	S	583
1494	Indium(III) oxide	1312-43-2	277.64	mg/m^3	11.35	In2-O3	S	1913
1495	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8	145.17	ppm	5.93	C9-H7-N-O		
1496	Iodic acid	7782-68-5	175.91	mg/m^3	7.19	HIO3	S	110 dec
1497	**Iodine**	**7553-56-2**	253.81	ppm	10.37	I2	S	113.7
1498	Iodine 125	17144-19-3	250	ppm	10.22	I2	S	sublimes
1499	Iodobenzene	591-50-4	204.01	mg/m^3	8.34	C6.H5.I	L	-29
1500	Iodoethane; (Ethyl iodide)	75-03-6	155.97	ppm	6.37	C2.H5.I	L	-108
1501	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	295.93	ppm	12.10	C3.F7.I	L	
1502	Iodopentane, 1-	628-17-1	198.06	mg/m^3	8.09	C5.H11.I	L	85.6
1503	Iotalamic acid	2276-90-6	613.92	mg/m^3	25.09	C11.H9.I3.N2.O4	S	285 dec.

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1482	Imidazole	288-32-4	257			1.0303 @ 101°C		04/14/04	10/03/13	10/03/13
1483	Imidazole hydrochloride	1467-16-9						10/11/05	10/03/13	10/03/13
1484	Iminodiacetic acid	142-73-4	247.5 dec					01/10/01	08/26/13	12/31/11
1485	Iminodiacetic acid, disodium salt hydrate	17593-73-6						10/11/05	12/06/13	12/06/13
1486	Indan	496-11-7	176.5			0.963 @ 20°C		01/04/99	08/26/13	12/31/11
1487	Indene	95-13-6	182	0.75	12	0.996		09/30/97	03/09/15	10/29/12
1488	Indeno(1,2,3-cd)pyrene	193-39-5						12/08/02	12/09/13	12/09/13
1489	Indigo carmine; (FD&C blue No 2)	860-22-0						08/07/98	08/26/13	08/26/13
1490	Indium	7440-74-6	2080			7.31 @ 20°C		04/14/04	05/16/14	05/30/12
1491	Indium oxide (vapor); (Diindium monoxide)	12030-22-7						07/02/08	05/16/14	06/26/13
1492	Indium sulfate	13464-82-9				3.44		10/11/05	05/16/14	07/13/13
1493	Indium trichloride	10025-82-8	600			4		08/07/98	05/16/14	06/10/13
1494	Indium(III) oxide	1312-43-2				7.18		12/08/02	05/16/14	10/02/13
1495	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8						12/08/02	08/26/13	12/31/11
1496	Iodic acid	7782-68-5				4.629		08/21/96	08/26/13	10/29/12
1497	**Iodine**	**7553-56-2**	184.4	0.75	35.9	4.933		08/21/96	08/26/13	
1498	Iodine 125	17144-19-3						04/14/04	08/26/13	
1499	Iodobenzene	591-50-4	188			1.823		07/11/07	10/02/13	10/02/13
1500	Iodoethane; (Ethyl iodide)	75-03-6	72.4	100	18	1.948 @ 15°C		10/11/05	10/02/13	10/02/13
1501	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	41			2.04		07/11/07	08/15/13	08/15/13
1502	Iodopentane, 1-	628-17-1	157			1.5161 @ 20°C		07/11/07	08/26/13	12/31/11
1503	Iotalamic acid	2276-90-6						10/11/05	08/26/13	12/23/11

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1504	Iridium	7439-88-5	192.2	mg/m^3	7.86	Ir	S	2446
1505	Iron	7439-89-6	55.85	mg/m^3	2.28	Fe	S	1538
1506	Iron carbide	12011-67-5	179.55	mg/m^3	7.34	Fe3-C	S	
1507	Iron hydroxide oxide	20344-49-4	88.85	mg/m^3	3.63	FeHO2	S	
1508	Iron oxide; (Ferric oxide)	1309-37-1	159.69	mg/m^3	6.53	Fe2O3	S	1539
1509	**Iron pentacarbonyl**	**13463-40-6**	195.9	ppm	8.01	C5FeO5	L	-25
1510	Iron sulfide	1317-37-9	87.91	mg/m^3	3.59	FeS	S	1188
1511	Iron(II) chloride tetrahydrate	13478-10-9	198.83	mg/m^3	8.13	Cl2Fe.4H2O	S	105 dec
1512	Iron(II) oxide; (Ferrous oxide)	1345-25-1	73.85	mg/m3	3.02	Fe.O	S	1377
1513	Iron(II) perchlorate hexahydrate	13520-69-9	353.34	mg/m^3	14.44	Fe.Cl.O4.6(H2.O)		
1514	Iron(II,III) oxide; (Ferrosoferric oxide)	1317-61-9	231.53	mg/m^3	9.46	Fe3.O4	S	1597
1515	Iron(III) perchlorate	13537-24-1	354.20	mg/m^3	14.48	Cl3FeO12	S	
1516	Iron(III) sulfate heptahydrate	35139-28-7	525.7	mg/m^3	21.49	Fe.S.O4.7H2.O	Shygr.	64
1517	Isoamyl acetate; (Isopentyl acetate)	123-92-2	130.21	ppm	5.32	C7H14O2	L	-78.5
1518	Isoamyl alcohol (primary); (3-Methyl-1-butanol); includes Isoamyl alcohol (584-02-1), 2-pentanol (6032-29-7), amyl alcohol (71-41-0), and 2-methyl-2-butanol (75-85-4)	123-51-3	88.15	ppm	3.60	C5H12O	L	-117.2
1519	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	117.15	ppm	4.79	C5H11NO2	L	
1520	Isobenzan	297-78-9	411.73	mg/m^3	16.83	C9H4Cl8O	S	120-122
1521	Isobutanol-2-amine	124-68-5	89.16	mg/m^3	3.64	C4H11NO	S	30-31
1522	Isobutyl acetate	110-19-0	116.16	ppm	4.75	C6H12O2	L	-98.8
1523	Isobutyl alcohol	78-83-1	74.12	ppm	3.03	C4H10O	L	-101.9
1524	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	92.57	ppm	3.78	C4.H9.Cl	L	-130.3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1504	Iridium	7439-88-5	4428			21.56		07/11/07	08/26/13	12/31/11
1505	Iron	7439-89-6	2861	7.5x10-3	1455	7.87		09/30/97	02/19/14	08/09/12
1506	Iron carbide	12011-67-5						12/08/02	06/10/14	12/31/11
1507	Iron hydroxide oxide	20344-49-4				4.26		08/07/98	02/18/14	12/31/11
1508	Iron oxide; (Ferric oxide)	1309-37-1				5.25		08/21/96	02/19/14	01/25/12
1509	**Iron pentacarbonyl**	**13463-40-6**	103	40	30.3	1.46-1.52 @ 20°C		03/01/00	03/09/15	10/29/12
1510	Iron sulfide	1317-37-9	dec			4.7		02/08/12	04/01/14	04/01/14
1511	Iron(II) chloride tetrahydrate	13478-10-9				1.93		06/13/02	02/18/14	02/18/14
1512	Iron(II) oxide; (Ferrous oxide)	1345-25-1				6		05/24/10	02/19/14	02/19/14
1513	Iron(II) perchlorate hexahydrate	13520-69-9						10/11/05	02/18/14	12/31/11
1514	Iron(II,III) oxide; (Ferrosoferric oxide)	1317-61-9				5.17		04/14/04	02/19/14	12/31/11
1515	Iron(III) perchlorate	13537-24-1						10/11/05	02/19/14	12/31/11
1516	Iron(III) sulfate heptahydrate	35139-28-7				2.99 - 3.08		10/11/05	04/01/14	04/01/14
1517	Isoamyl acetate; (Isopentyl acetate)	123-92-2	142.5	5.6	25	0.876 @ 15°C	10000	06/13/02	08/26/13	12/31/11
1518	Isoamyl alcohol (primary); (3-Methyl-1-butanol); includes Isoamyl alcohol (584-02-1), 2-pentanol (6032-29-7), amyl alcohol (71-41-0), and 2-methyl-2-butanol (75-85-4)	123-51-3	131.1	0.75	13	0.8104 @ 20°C	12000	11/15/96	08/22/14	08/22/14
1519	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	99.2			0.8828 @ 20°C		12/30/95	03/09/15	12/31/11
1520	Isobenzan	297-78-9		0.00001	25	1.87		12/08/02	02/06/13	10/29/12
1521	Isobutanol-2-amine	124-68-5	165			0.934		01/10/01	08/26/13	12/31/11
1522	Isobutyl acetate	110-19-0	116.5	7.5	10	0.8712 @ 20°C	13000	09/30/97	08/26/13	12/31/11
1523	Isobutyl alcohol	78-83-1	107.89	7.5	20.9	0.8018 @ 20°C	17000	12/30/95	03/09/15	01/03/12
1524	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	68.8			0.881 @ 20°C	20000	10/11/05	12/06/13	12/06/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1525	**Isobutyl chloroformate**	**543-27-1**	136.5779	ppm	5.58	C5.H9.Cl.O2	L	
1526	Isobutyl isobutyrate	97-85-8	144.24	mg/m^3	5.90	C8H16O2	L	-81
1527	Isobutylamine	78-81-9	73.16	ppm	2.99	C4H11N	L	-85.5
1528	Isobutyraldehyde	78-84-2	72.12	ppm	2.95	C4H8O	L	-65
1529	Isobutyric acid	79-31-2	88.12	ppm	3.60	C4H8O2	L	-47
1530	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	158.22	ppm	6.47	C8.H14.O3	L	-53.5
1531	**Isobutyronitrile**	**78-82-0**	69.11	ppm	2.82	C4H7N	L	-71.5
1532	Isocyanate-bearing waste (as CNs N.O.S.)	z-0024	26.02	mg/m^3	1.06	[Unspecified]	L/S	
1533	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**	155.15	ppm	6.34	C7H9NO3	L	
1534	Isocyanic acid	75-13-8	43.02	ppm	1.76	CHNO	G unstabl	
1535	Isocyanic acid, 3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	188.01	mg/m^3	7.68	C7H3Cl2NO	S	42-43
1536	Isodrin	465-73-6	364.9	mg/m^3	14.91	C12H8Cl6	S	240-242
1537	Isonate 181 MDI prepolymer	z-0113		mg/m^3			L	
1538	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	114.26	ppm	4.67	C18H18	L	-107.5
1539	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	72.17	ppm	2.95	C5H12	S	-160.5
1540	Isophorone	78-59-1	138.21	ppm	5.65	C9H14O	L	-8.1
1541	Isophorone diisocyanate	4098-71-9	222.32	ppm	9.09	C12H18N2O2	S	-60
1542	Isophthalic acid; (Phthalic acid, m isomer)	121-91-5	166.14	mg/m^3	6.79	C8.H6.O4	S	347.5
1543	**Isoprene**	**78-79-5**	68.13	ppm	2.78	H2C=C(CH3)CH=CH2	L	-146.7
1544	Isopropyl acetate	108-21-4	102.15	ppm	4.18	C5H10O2	L	-73
1545	Isopropyl alcohol	67-63-0	60.1	ppm	2.46	C3H8O	L	-87.9
1546	Isopropyl chloride; (2-Chloropropane)	75-29-6	78.54	ppm	3.21	CH3CHClCH3	L	-117

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1525	**Isobutyl chloroformate**	**543-27-1**	128.7			1.053		04/15/07	02/17/15	12/31/11
1526	Isobutyl isobutyrate	97-85-8	147.5	4.33	25	0.85 @ 20°C	9600	01/04/99	08/26/13	12/31/11
1527	Isobutylamine	78-81-9	68.6	138	25	0.731 @ 20°C	34000	06/13/02	08/26/13	12/31/11
1528	Isobutyraldehyde	78-84-2	64	173	25	0.7938 @ 20°C	16000	06/13/02	08/26/13	10/29/12
1529	Isobutyric acid	79-31-2	118-119	1	14.7	0.949 @ 20°C	20000	06/13/02	08/26/13	12/31/11
1530	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	181.5 @ 734mm			0.9535 @ 20°C	10000	07/11/07	03/09/15	12/06/13
1531	**Isobutyronitrile**	**78-82-0**	103.9	32.7	25	0.7704 @ 20°C		11/30/92	10/29/14	10/29/14
1532	Isocyanate-bearing waste (as CNs N.O.S.)	z-0024						11/15/96	05/13/14	10/29/12
1533	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**						12/30/95	08/27/13	12/31/11
1534	Isocyanic acid	75-13-8		996	25			07/11/07	12/09/13	12/09/13
1535	Isocyanic acid, 3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	240	0.02	25			12/08/02	08/27/13	12/31/11
1536	Isodrin	465-73-6	344	0.00001	25			12/08/02	08/27/13	10/30/12
1537	Isonate 181 MDI prepolymer	z-0113	200					12/08/02	12/09/13	12/09/13
1538	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	99.2	40.6	21	0.692 @ 20°C	11000	01/04/99	03/09/15	01/24/13
1539	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	30.2	595	21.1	0.62	14000	06/13/02	03/09/15	04/21/14
1540	Isophorone	78-59-1	215.2	0.75	33.1	0.9255 @ 20°C	8000	09/30/97	11/19/14	11/19/14
1541	Isophorone diisocyanate	4098-71-9	360	0.00001	25	1.062 @ 20°C		12/08/02	02/05/15	02/05/15
1542	Isophthalic acid; (Phthalic acid, m isomer)	121-91-5	subl.	0.068	100	1.507 @ 20°C		10/11/05	08/27/13	12/31/11
1543	**Isoprene**	**78-79-5**	34	400	550	0.679 @ 20°C	15000	06/13/02	03/09/15	07/18/08
1544	Isopropyl acetate	108-21-4	88.4	60.37	25	0.874	18000	01/04/99	03/09/15	02/06/13
1545	Isopropyl alcohol	67-63-0	82.3	75	33.6	0.7809	20000	11/30/92	07/03/13	05/04/12
1546	Isopropyl chloride; (2-Chloropropane)	75-29-6	34.8	515.3	25	0.868 @ 15°C	28000	06/13/02	08/27/13	06/10/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1547	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	122.56	ppm	5.01	C4H7ClO2	L	-80
1548	Isopropyl ether; (Diisopropyl ether)	108-20-3	102.2	ppm	4.18	(CH3)2.CHOCH.(CH3)2	L	-60
1549	**Isopropyl methanefluoro-phosphonate; (Sarin; GB)**	**107-44-8**	140.09	ppm	5.73	C4H10FO2P	L	-57
1550	Isopropyl nitrate	1712-64-7	105.11	ppm	4.30	C3.H7.N.O3	L	
1551	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	72.07	mg/m^3	2.95	C3.H8.O.1/4 Ti	L	~20
1552	Isopropylamine; (2-Propanamine)	75-31-0	59.13	ppm	2.42	(CH3)2CHNH2	L	-101.2
1553	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9	102.8513	mg/m^3	4.20	C3.H7.Cl.Mg	L	
1554	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	211.3	mg/m^3	8.64	C10H17N3O2	L	
1555	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	134.24	mg/m^3	5.49	C10.H14	L	-68.9
1556	Jeffamine M-600	77110-54-4	600	mg/m^3	24.52		S	-40
1557	**Jet fuels, (JP-5 and JP-8) Kerosene (8008-20-6); (Fuel Oil No. 1)**	**70892-10-3**	168	mg/m^3	6.87	[Unspecified]	L	
1558	Kepone; (Chlordecone)	143-50-0	490.64	mg/m^3	20.05	C10Cl10O	S	350 dec
1559	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	42.04	ppm	1.72	C2H2O	G	-151
1560	Krypton	7439-90-9	83.8	ppm	3.43	Kr	G	-157.1
1561	Lactic acid, sodium salt, DL-; (Propanoic acid, 2-hydroxy-, monosodium salt)	312-85-6	113.06837	mg/m^3	4.62	C3.H6.O3.Na	S	
1562	Lactonitrile	78-97-7	71.09	mg/m^3	2.91	C3H5NO	L	-40
1563	Lanthanum	7439-91-0	138.91	mg/m^3	5.68	La	S	920
1564	Lanthanum alizarin	z-0026		mg/m^3		[Unknown]		
1565	Lanthanum boride	12008-21-8	203.7655	mg/m^3	8.33	La.B6	S	2715
1566	Lanthanum carbonate	6487-39-4	601.96	mg/m^3	24.60	La2(CO3)3.8H2O	S	
1567	Lanthanum chloride	10099-58-8	245.26	mg/m^3	10.02	La.Cl3	S deliq	860

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1547	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	105	72	21	1.078		03/01/00	02/13/15	12/31/11
1548	Isopropyl ether; (Diisopropyl ether)	108-20-3	68.5	150	25	0.719	14000	04/15/07	03/09/15	02/06/13
1549	**Isopropyl methanefluoro-phosphonate; (Sarin; GB)**	**107-44-8**	147	2.86	25	1.10 @ 20°C		07/09/97	08/09/12	10/11/05
1550	Isopropyl nitrate	1712-64-7	102			1.036		07/11/07	08/27/13	12/31/11
1551	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	220			0.9711 @ 20°C		04/14/04	08/27/13	12/31/11
1552	Isopropylamine; (2-Propanamine)	75-31-0	33-34	579.6	25	0.694 @ 15°C	20000	06/13/02	08/27/13	12/31/11
1553	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9				0.834		04/14/04	12/09/13	12/09/13
1554	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	295	0.001	25	1.07 @ 20°C		12/08/02	08/27/13	10/30/12
1555	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	177.1	1.5	25	0.853	7000	07/11/07	06/26/13	06/26/13
1556	Jeffamine M-600	77110-54-4						10/11/05	08/27/13	10/11/05
1557	**Jet fuels, (JP-5 and JP-8) Kerosene (8008-20-6); (Fuel Oil No. 1)**	**70892-10-3**				0.8		07/09/97	09/28/15	02/05/13
1558	Kepone; (Chlordecone)	143-50-0		2.25x10-7	25	1.61		12/30/95	08/16/13	08/16/13
1559	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	-49.8	750	-50			09/30/97	02/09/15	02/09/15
1560	Krypton	7439-90-9	-152.9			2.89		04/14/04	06/03/09	08/17/07
1561	Lactic acid, sodium salt, DL-; (Propanoic acid, 2-hydroxy-, monosodium salt)	312-85-6						07/11/07	08/27/13	12/31/11
1562	Lactonitrile	78-97-7	221	0.119	25	0.9834		12/08/02	08/27/13	05/30/12
1563	Lanthanum	7439-91-0	3464			6.166		01/04/99	08/27/13	12/31/11
1564	Lanthanum alizarin	z-0026						08/07/98	08/27/13	12/31/11
1565	Lanthanum boride	12008-21-8				4.76		04/14/04	08/27/13	12/31/11
1566	Lanthanum carbonate	6487-39-4				2.6		08/07/98	08/27/13	12/31/11
1567	Lanthanum chloride	10099-58-8	1000			3.84		10/11/05	10/08/13	10/08/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1568	Lanthanum fluoride	13709-38-1	195.9	mg/m^3	8.01	LaF3	S	1493
1569	Lanthanum hydroxide	14507-19-8	189.93	mg/m^3	7.76	La(OH)3	S	dec
1570	Lanthanum nitrate	10099-59-9	324.94	mg/m^3	13.28	LaN3O9	Sdeliq	~40
1571	Lanthanum oxide	1312-81-8	325.82	mg/m^3	13.32	La2O3	S	2304
1572	Lanthanum phosphate	14913-14-5	233.876	mg/m^3	9.56	LaPO4	S	
1573	Lanthanum(III) nitrate hexahydrate	10277-43-7	433.06	mg/m^3	17.70	La.3(NO3).6 H2O	S	~40
1574	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	238.47	mg/m^3	9.75	C15.H30.N2	L	
1575	Lauryl sulfate; (Dodecyl sulfate)	151-41-7	266.4	mg/m^3	10.89	C12.H26.O4.S	S	
1576	Lead	7439-92-1	207.2	mg/m^3	8.47	Pb	S	327.462
1577	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4	379.35	mg/m^3	15.50	C4H12O7Pb	S	75 dec
1578	Lead acetate, basic; (Lead subacetate)	1335-32-6	807.7	mg/m^3	33.01	C4H10O8Pb3	S	dec
1579	Lead acetate; (Lead diacetate)	301-04-2	325.29	mg/m^3	13.30	C4H6O4Pb	Pwdr	280
1580	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9	347.1	mg/m^3	14.19	AsHO4Pb	S	280 dec
1581	Lead arsenate; (Trilead diarsenate)	3687-31-8	899.4	mg/m^3	36.76	As2O8Pb3	S	1042 dec
1582	Lead bromide	10031-22-8	367.01	mg/m^3	15.00	Br2Pb	S	373
1583	Lead carbonate	598-63-0	267.21	mg/m^3	10.92	Pb.CO3	S	315
1584	Lead chloride	7758-95-4	278.09	mg/m^3	11.37	Cl2Pb	S	501
1585	Lead chromate	7758-97-6	323.2	mg/m^3	13.21	CrO4Pb	S	844
1586	Lead dioxide	1309-60-0	239.2	mg/m^3	9.78	O2Pb	S	290 dec
1587	Lead fluoborate	13814-96-5	380.81	mg/m^3	15.56	Pb.B2F8	L	
1588	Lead fluoride	7783-46-2	245.2	mg/m^3	10.02	F2Pb	S	830
1589	Lead hydroxide	19783-14-3	241.21	mg/m^3	9.86	Pb.(OH)2	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1568	Lanthanum fluoride	13709-38-1				5.9		08/07/98	08/27/13	12/31/11
1569	Lanthanum hydroxide	14507-19-8						12/08/02	02/03/14	02/03/14
1570	Lanthanum nitrate	10099-59-9	~126					09/30/97	11/26/13	01/25/12
1571	Lanthanum oxide	1312-81-8	3620			6.51		08/21/96	08/27/13	12/31/11
1572	Lanthanum phosphate	14913-14-5						12/08/02	02/03/14	02/03/14
1573	Lanthanum(III) nitrate hexahydrate	10277-43-7	126 dec					04/14/04	08/27/13	12/31/11
1574	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	93-100			0.94		09/30/97	08/27/13	12/31/11
1575	Lauryl sulfate; (Dodecyl sulfate)	151-41-7						07/11/07	08/27/13	12/31/11
1576	Lead	7439-92-1	1749	7.5x10-3	705	11.3		12/30/95	05/22/14	12/23/11
1577	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4				2.55		12/30/95	06/10/14	06/10/14
1578	Lead acetate, basic; (Lead subacetate)	1335-32-6	200 dec					12/30/95	06/10/14	08/27/13
1579	Lead acetate; (Lead diacetate)	301-04-2	dec			3.25		01/04/99	06/10/14	06/10/14
1580	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9				5.943		09/30/97	01/28/14	01/28/14
1581	Lead arsenate; (Trilead diarsenate)	3687-31-8				5.8		09/30/97	01/27/14	01/27/14
1582	Lead bromide	10031-22-8	892			6.66		08/07/98	05/22/14	12/31/11
1583	Lead carbonate	598-63-0	400 dec			6.61		12/08/02	05/22/14	01/25/12
1584	Lead chloride	7758-95-4	950	1	547	5.85		08/07/98	05/22/14	05/22/14
1585	Lead chromate	7758-97-6	dec			6.12		09/30/97	03/06/15	03/06/15
1586	Lead dioxide	1309-60-0				9.64		09/30/97	05/22/14	12/31/11
1587	Lead fluoborate	13814-96-5				1.75 @ 20°C		06/13/02	05/22/14	12/31/11
1588	Lead fluoride	7783-46-2	1290	10	904	8.44		08/07/98	05/22/14	01/09/12
1589	Lead hydroxide	19783-14-3						05/20/08	05/22/14	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1590	Lead iodide	10101-63-0	461.01	mg/m^3	18.84	I2Pb	S	410
1591	Lead nitrate	10099-74-8	331.2	mg/m^3	13.54	N2O6Pb	S	470
1592	Lead nitrite	13826-65-8	299.2	mg/m^3	12.23	Pb(NO2)2	S	
1593	Lead oxalate	814-93-7	295.22	mg/m^3	12.07	Pb.(COOH)2	S	
1594	Lead oxide; (Lead monoxide)	1317-36-8	223.2	mg/m^3	9.12	OPb	S	888
1595	Lead phosphate	7446-27-7	811.51	mg/m^3	33.17	3Pb.P2O8	S	1014
1596	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2	303.25	mg/m^3	12.39	O4PbS	S	1087
1597	Lead sulfide	1314-87-0	239.25	mg/m^3	9.78	Pb.S	S	1114
1598	Lead tetroxide	1314-41-6	685.6	mg/m^3	28.02	O4Pb3	S	830
1599	Lead(II) arsenite	10031-13-7	421	mg/m^3	17.21	As2O4Pb	S	
1600	Lead(II) perchlorate trihydrate	13453-62-8	460.15	mg/m^3	18.81	Cl2H6O11Pb	S	
1601	Leco set 7007 powder	z-0027		mg/m^3		[Unknown]		
1602	Leptophos; (Fosvel)	21609-90-5	412.07	mg/m^3	16.84	C13.H10.Br.Cl.O2.P.S	S	70.2-70.4
1603	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**	233.35	mg/m^3	9.54	C4.H4.As.Cl3	L	
1604	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**	259.394	mg/m^3	10.60	C6.H6.As.Cl3	L	
1605	Lignosulfonate (aqueous)	8062-15-5		mg/m^3		[Unknown]	L	
1606	Limestone; (Calcium carbonate; Dolomite)	1317-65-3	100.09	mg/m^3	4.09	Ca.C.O3	S	
1607	Limonene, d-	5989-27-5	136.26	ppm	5.57	C10H16	L	-74.35
1608	Lindane; (gamma-Benzenehexachloride)	58-89-9	290.83	mg/m^3	11.89	C6H6Cl6	S	112.5
1609	Liquified petroleum gas; (L.P.G.)	68476-85-7	43.9	ppm	1.79	[Unspecified]	G	
1610	Lithium	7439-93-2	6.94	mg/m^3	0.28	Li	S	180.5
1611	Lithium acetate dihydrate	6108-17-4	102.02	mg/m^3	4.17	Li.C2.H3.O2.2 H2O	S	58

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1590	Lead iodide	10101-63-0	872 dec			6.16		08/07/98	05/22/14	12/31/11
1591	Lead nitrate	10099-74-8				4.53		07/09/97	05/22/14	02/17/12
1592	Lead nitrite	13826-65-8						12/08/02	05/22/14	12/31/11
1593	Lead oxalate	814-93-7						12/08/02	05/22/14	05/22/14
1594	Lead oxide; (Lead monoxide)	1317-36-8		7.5x10-3	724	9.35		08/21/96	05/22/14	01/09/12
1595	Lead phosphate	7446-27-7				6.9-7.3		06/13/02	05/22/14	01/25/12
1596	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2				6.2		01/04/99	05/22/14	12/31/11
1597	Lead sulfide	1314-87-0	1281	1	852	7.5		06/13/02	05/22/14	05/22/14
1598	Lead tetroxide	1314-41-6				8.92		09/30/97	05/22/14	12/31/11
1599	Lead(II) arsenite	10031-13-7				5.85		01/10/01	01/27/14	01/27/14
1600	Lead(II) perchlorate trihydrate	13453-62-8						10/11/05	05/22/14	12/31/11
1601	Leco set 7007 powder	z-0027						08/07/98	08/27/13	12/31/11
1602	Leptophos; (Fosvel)	21609-90-5	380	0.000002	25	1.53		12/08/02	08/27/13	01/25/13
1603	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**						10/11/05	09/14/15	09/14/15
1604	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**						10/11/05	09/14/15	09/14/15
1605	Lignosulfonate (aqueous)	8062-15-5						09/30/97	08/27/13	07/12/12
1606	Limestone; (Calcium carbonate; Dolomite)	1317-65-3						09/30/97	10/29/13	08/27/13
1607	Limonene, d-	5989-27-5	178	1.98	25	0.84 @ 20°C		01/04/99	05/28/15	05/28/15
1608	Lindane; (gamma-Benzenehexachloride)	58-89-9	323.4	4.20x10-5	20	1.85 no temp		12/30/95	10/07/14	12/31/11
1609	Liquified petroleum gas; (L.P.G.)	68476-85-7						01/04/99	03/09/15	06/03/13
1610	Lithium	7439-93-2	1342	5.92E-13	127	0.534		12/30/95	01/07/14	01/07/14
1611	Lithium acetate dihydrate	6108-17-4				1.3		04/14/04	08/27/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1612	Lithium aluminate	12003-67-7	65.92	mg/m^3	2.69	Al.Li.O2	S	
1613	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7	49.92	mg/m^3	2.04	AlLiO	S	1900-2000
1614	Lithium aluminum silicate; (Petalite)	1302-66-5	306.28	mg/m^3	12.52	AlLiO10Si4	S	
1615	Lithium azide	19597-69-4	48.96	mg/m^3	2.00	LiN3	S	115-298
1616	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	21.78	mg/m^3	0.89	BH4Li	S pwd	268
1617	Lithium bromide	7550-35-8	86.85	mg/m^3	3.55	BrLi	S	550
1618	Lithium carbonate	554-13-2	73.89	mg/m^3	3.02	CLi2O3	S	732
1619	Lithium chloride	7447-41-8	42.39	mg/m^3	1.73	Li.Cl	S	610
1620	Lithium chromate; (Lithium chromium oxide)	14307-35-8	129.88	mg/m^3	5.31	CrLi2O4	S	75 dec
1621	Lithium deuteride	13587-16-1	8.96	mg/m^3	0.37	LiD	S	680
1622	Lithium diisopropylamide; (LDA)	4111-54-0	107.1233	mg/m^3	4.38	C6.H14.Li.N	S	
1623	Lithium fluoride	7789-24-4	25.94	mg/m^3	1.06	FLi	S	848
1624	Lithium hexafluorophosphate	21324-40-3	151.91	mg/m^3	6.21	F6LiP	S	200
1625	**Lithium hydride**	**7580-67-8**	7.95	mg/m^3	0.32	HLi	S	692
1626	Lithium hydroxide	1310-65-2	23.95	mg/m^3	0.98	HLiO	S crystals	473
1627	Lithium hydroxide monohydrate	1310-66-3	41.97	mg/m^3	1.72	Li.OH.H2O	S	
1628	Lithium iodide	10377-51-2	133.8445	mg/m^3	5.47	Li.I	S	469
1629	Lithium metaborate, anhydrous	13453-69-5	49.751	mg/m^3	2.03	Li.B.O2	S hygr	849
1630	Lithium molybdate	13568-40-6	173.82	mg/m^3	7.10	Li2MoO4	S	705
1631	Lithium niobium oxide; (Lithium niobate)	12031-63-9	147.85	mg/m^3	6.04	LiNbO3	S	1250
1632	Lithium nitrate	7790-69-4	68.95	mg/m^3	2.82	LiNO3	S	253
1633	Lithium nitride	26134-62-3	34.83	mg/m^3	1.42	Li3N	S	813

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1612	Lithium aluminate	12003-67-7						10/11/05	02/27/14	12/31/11
1613	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7				2.5525		08/07/98	02/27/14	08/27/13
1614	Lithium aluminum silicate; (Petalite)	1302-66-5						08/07/98	02/27/14	12/31/11
1615	Lithium azide	19597-69-4				1.83		08/07/98	08/27/13	12/31/11
1616	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	380 dec			0.66		07/11/07	02/04/14	08/27/13
1617	Lithium bromide	7550-35-8	~ 1300	7.5x10-2	630	3.464		11/30/92	08/27/13	12/31/11
1618	Lithium carbonate	554-13-2	1300 dec			2.11		08/07/98	08/27/13	12/31/11
1619	Lithium chloride	7447-41-8	1350	1	547	2.07		04/14/04	08/27/13	12/31/11
1620	Lithium chromate; (Lithium chromium oxide)	14307-35-8				2.15		11/30/92	10/30/14	10/30/14
1621	Lithium deuteride	13587-16-1				0.906		08/07/98	08/27/13	06/04/09
1622	Lithium diisopropylamide; (LDA)	4111-54-0				0.79		07/11/07	08/27/13	12/31/11
1623	Lithium fluoride	7789-24-4	1676	1	1047	2.635		08/07/98	08/27/13	12/31/11
1624	Lithium hexafluorophosphate	21324-40-3				1.5		10/27/09		
1625	**Lithium hydride**	**7580-67-8**		~0	no temp	0.78		11/30/92	08/27/15	04/20/07
1626	Lithium hydroxide	1310-65-2	1626			1.45		11/30/92	08/27/13	12/31/11
1627	Lithium hydroxide monohydrate	1310-66-3				1.51		04/14/04	08/27/13	08/27/13
1628	Lithium iodide	10377-51-2	1171			4.06		10/11/05	08/27/13	12/31/11
1629	Lithium metaborate, anhydrous	13453-69-5	1719			2.18		12/08/02	02/04/14	02/04/14
1630	Lithium molybdate	13568-40-6				2.66		08/07/98	04/10/14	12/31/11
1631	Lithium niobium oxide; (Lithium niobate)	12031-63-9						08/07/98	09/14/15	12/31/11
1632	Lithium nitrate	7790-69-4				2.38		09/30/97	08/27/13	12/31/11
1633	Lithium nitride	26134-62-3				1.27		09/30/97	08/27/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1634	Lithium nitrite	13568-33-7	52.94	mg/m^3	2.16	Li.N.O2	S	
1635	Lithium oxide	12057-24-8	29.88	mg/m^3	1.22	Li2.O	S crystals	1438
1636	Lithium perchlorate, anhydrous	7791-03-9	106.39	mg/m^3	4.35	Li.Cl.O4	L	
1637	Lithium silicon	68848-64-6	97.82	mg/m^3	4.00	Li6.Si2	S	
1638	Lithium stearate	4485-12-5	290.47	mg/m^3	11.87	Li.C18.H35.O2	S	220
1639	Lithium sulfate	10377-48-7	109.94	mg/m^3	4.49	Li2O4S	S	859
1640	Lithium tetraborate	12007-60-2	169.12	mg/m^3	6.91	B4Li2O7	S	930
1641	Lithium tetraborate pentahydrate	1303-94-2	259.19	mg/m^3	10.59	B4H10Li2O12	S	845
1642	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3	37.96	mg/m^3	1.55	Al.H4.Li	S reacts H2O	125 dec
1643	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6	106.9494	mg/m^3	4.37	C6.H15.B.D.Li		
1644	Lithium triethylborohydride; (Super-hydride)	22560-16-3	105.94	mg/m^3	4.33	Li.(C2.H5)3. BH	S	
1645	Lubricating oil, rerefined	68476-77-7		mg/m^3			L	
1646	Lutetium	7439-94-3	174.967	mg/m^3	7.15	Lu	S	1663
1647	Lutetium oxide	12032-20-1	397.93	mg/m^3	16.26	Lu2O3	S	2500
1648	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	107.17	ppm	4.38	C7.H9.N	L	-5.8
1649	Magnesium	7439-95-4	24.31	mg/m^3	0.99	Mg	S	650
1650	Magnesium acetate	142-72-3	142.41	mg/m^3	5.82	C4H6O4Mg		
1651	Magnesium acetate tetrahydrate	16674-78-5	250.30	mg/m^3	10.23	Mg.C4.H6.O4.6 H2O	L	
1652	**Magnesium aluminum phosphide**	**z-0116**	192.82	ppm	7.88	Mg3.Al.P3	S	
1653	Magnesium carbonate hydroxide	7760-50-1	395.58	mg/m^3	16.17	C2.H2.Mg5.O14	S	
1654	Magnesium carbonate; (Magnesite)	546-93-0	84.31	mg/m^3	3.45	CMgO3	S crystals	990
1655	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0	395.58	mg/m^3	16.17	C4.H2.Mg5.O14	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1634	Lithium nitrite	13568-33-7						12/08/02	01/10/14	01/10/14
1635	Lithium oxide	12057-24-8				2.013		01/29/10	08/27/13	03/06/12
1636	Lithium perchlorate, anhydrous	7791-03-9						10/11/05	12/09/13	12/09/13
1637	Lithium silicon	68848-64-6						09/02/08	01/26/15	01/26/15
1638	Lithium stearate	4485-12-5				1.03		04/14/04	08/27/13	12/31/11
1639	Lithium sulfate	10377-48-7						01/04/99	08/27/13	12/31/11
1640	Lithium tetraborate	12007-60-2				2.4		08/07/98	02/04/14	02/04/14
1641	Lithium tetraborate pentahydrate	1303-94-2				1.39741		08/07/98	02/04/14	02/04/14
1642	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3				0.92		10/11/05	02/27/14	06/13/13
1643	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6				0.898		07/11/07	08/27/13	12/31/11
1644	Lithium triethylborohydride; (Super-hydride)	22560-16-3						07/11/07	10/09/13	12/31/11
1645	Lubricating oil, rerefined	68476-77-7						07/11/07	08/27/13	12/31/11
1646	Lutetium	7439-94-3	3402			9.84		07/11/07	08/27/13	08/27/13
1647	Lutetium oxide	12032-20-1				9.42		08/07/98	06/05/09	12/31/11
1648	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	144	5.65	25	0.9252 @ 20°C		07/11/07	08/27/13	12/31/11
1649	Magnesium	7439-95-4	1090	7.5x10-3	428	1.74		07/09/97	08/27/13	05/25/12
1650	Magnesium acetate	142-72-3						04/30/15		
1651	Magnesium acetate tetrahydrate	16674-78-5						04/14/04	04/30/15	04/30/15
1652	**Magnesium aluminum phosphide**	**z-0116**						09/05/08	09/21/15	09/21/15
1653	Magnesium carbonate hydroxide	7760-50-1						10/11/05	08/27/13	12/31/11
1654	Magnesium carbonate; (Magnesite)	546-93-0				3.01		07/09/97	08/27/13	08/08/12
1655	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0						10/11/05	08/27/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1656	Magnesium chloride	7786-30-3	95.21	mg/m^3	3.89	Cl2Mg	S	714
1657	Magnesium chloride hexahydrate	7791-18-6	203.33	mg/m^3	8.31	Mg.Cl2-6H2O	S	118 dec
1658	Magnesium ethoxide	2414-98-4	116.44	mg/m^3	4.76	C4.H10.Mg.O2	S	
1659	Magnesium fluoride	7783-40-6	62.3	mg/m^3	2.55	F2Mg	S	1263
1660	Magnesium formate	557-39-1	114.34	mg/m^3	4.67	C2H2MgO4	S	
1661	Magnesium hydroxide	1309-42-8	58.33	mg/m^3	2.38	H2MgO2	S amor	350
1662	Magnesium iodate tetrahydrate	7790-32-1	446.172	mg/m^3	18.24	Mg.(I.O3)2.4(H2.O)	S	210 dec
1663	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	148.33	mg/m^3	6.06	MgN2O6	S	95-100
1664	Magnesium oxide	1309-48-4	40.3	mg/m^3	1.65	MgO	S pwd	2825
1665	**Magnesium phosphide**	**12057-74-8**	134.87	ppm	5.51	Mg3.P2	S	
1666	Magnesium silicate hydrate	1343-90-4	278.91	mg/m^3	11.40	H2Mg2O9Si3	S	
1667	Magnesium silicate; (Florisil)	1343-88-0		mg/m^3			S	
1668	Magnesium sulfate (1:1)	7487-88-9	120.37	mg/m^3	4.92	Mg.S.O4	S	1127
1669	Magnesium sulfate heptahydrate	10034-99-8	246.51	mg/m^3	10.08	Mg.S.O4.7H2O	S	loses 7H2O @ 200
1670	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	256.45	mg/m^3	10.48	Mg.N2.O6.6H2.O	S delq	89
1671	**Malathion**	**121-75-5**	330.36	mg/m^3	13.50	C10H19O6PS2	L	1.4
1672	Maleic acid	110-16-7	116.08	mg/m^3	4.74	C4H4O4	S	138-139
1673	Maleic acid, disodium salt	371-47-1	277.01	mg/m^3	11.32	C4.H4.O4.xNa	S	
1674	**Maleic anhydride**	**108-31-6**	98.06	ppm	4.01	C4H2O3	S	52.56
1675	Maleic hydrazide; (3,6-Pyridazinedione, 1,2-dihydro-)	123-33-1	112.1	mg/m^3	4.58	C4.H4.N2.O2	S	>300
1676	Malic acid; (Malic acid, DL)	6915-15-7	134.09	mg/m^3	5.48	C4.H6.O5	S	132
1677	Malonic acid; (Carboxyacetic acid)	141-82-2	104.07	mg/m^3	4.25	C3H4O4	S	135 dec

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1656	Magnesium chloride	7786-30-3	1412			2.325		08/07/98	08/27/13	12/31/11
1657	Magnesium chloride hexahydrate	7791-18-6				1.59		04/14/04	08/27/13	12/31/11
1658	Magnesium ethoxide	2414-98-4						10/11/05	10/22/13	12/31/11
1659	Magnesium fluoride	7783-40-6	2227			3.148		09/30/97	08/27/13	12/31/11
1660	Magnesium formate	557-39-1						08/07/98	08/27/13	12/31/11
1661	Magnesium hydroxide	1309-42-8				2.36		01/04/99	08/27/13	08/09/12
1662	Magnesium iodate tetrahydrate	7790-32-1				3.3		10/11/05	08/27/13	12/31/11
1663	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	330 dec	0.494	25	~2.3		08/07/98	08/27/13	12/31/11
1664	Magnesium oxide	1309-48-4	3600	51.5	2832	3.6		12/30/95	08/27/13	02/17/12
1665	**Magnesium phosphide**	**12057-74-8**						09/05/08	02/13/15	02/13/12
1666	Magnesium silicate hydrate	1343-90-4						09/30/97	08/27/13	12/31/11
1667	Magnesium silicate; (Florisil)	1343-88-0				2.5		07/02/08	08/27/13	08/09/12
1668	Magnesium sulfate (1:1)	7487-88-9				2.66		04/14/04	08/27/13	08/27/13
1669	Magnesium sulfate heptahydrate	10034-99-8	1124 dec			1.68		04/14/04	08/27/13	08/27/13
1670	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	330 dec			1.464		04/14/04	08/27/13	12/31/11
1671	**Malathion**	**121-75-5**	156 @ 0.7mmHg	1.78x10-4	25	1.2076 @ 20°C		09/30/97	02/13/15	01/21/10
1672	Maleic acid	110-16-7	135 dec	3.59E-05	25	1.59 @ 20°C		08/07/98	09/15/14	12/31/11
1673	Maleic acid, disodium salt	371-47-1						10/11/05	09/15/14	12/31/11
1674	**Maleic anhydride**	**108-31-6**	202	7.5	73.7	1.314 @ 60°C	14000	12/30/95	04/10/14	03/11/11
1675	Maleic hydrazide; (3,6-Pyridazinedione, 1,2-dihydro-)	123-33-1				1.6		06/13/02	08/27/13	01/19/12
1676	Malic acid; (Malic acid, DL)	6915-15-7				1.25		10/11/05	09/15/14	09/15/14
1677	Malonic acid; (Carboxyacetic acid)	141-82-2	subl			1.63 @ 10°C		08/07/98	08/28/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1678	Mancozeb; (Dithane M-45)	8018-01-7	541.03	mg/m^3	22.11	C4.H6.Mn.N2.S4*C4.H6.N2.S4.Zn	S powder	192-204 dec.
1679	Manganese	7439-96-5	54.94	mg/m^3	2.25	Mn	S	1246
1680	Manganese carbonate	598-62-9	114.95	mg/m^3	4.70	Mn.C.H2.O3	S	
1681	Manganese dioxide	1313-13-9	86.94	mg/m^3	3.55	MnO2	S	535 dec
1682	Manganese hydroxide	18933-05-6	88.953	mg/m^3	3.64	H2MnO2	S	dec
1683	Manganese nitrite	18488-90-9	146.9474	mg/m^3	6.01	Mn(NO2)2	S	
1684	Manganese oxalate	640-67-5	142.95	mg/m^3	5.84	MnC2O4	S	
1685	Manganese oxide; (Manganese tetroxide)	1317-35-7	228.82	mg/m^3	9.35	Mn3O4	S	1567
1686	Manganese phosphate	10124-54-6	354.75	mg/m^3	14.50	Mn3.(P.O4)2	S	
1687	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	218.1	mg/m^3	8.91	MnO3C9H7	L/S	1.5
1688	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	125.84	mg/m^3	5.14	Cl2Mn	S deliq	654
1689	Manganese(II) chloride tetrahydrate	13446-34-9	197.92	mg/m^3	8.09	Mn.Cl2.4 H2O	S	58
1690	Manganese(II) nitrate	10377-66-9	178.96	mg/m^3	7.31	MnN2O6	S	28 dec
1691	Manganese(II) nitrate hydrate	15710-66-4	196.963	mg/m^3	8.05	H2.Mn.N2.O7	S	
1692	Manganese(II) sulfate monohydrate	10034-96-5	169.02	mg/m^3	6.91	Mn.O4.S.H2.O	S	700
1693	Manganese(III) oxide	1317-34-6	157.88	mg/m^3	6.45	Mn2.O3	S	871-887
1694	Manganese(VII) oxide	12057-92-0	221.88	mg/m^3	9.07	Mn2O7	L	5.9
1695	Manganous oxide; (Manganese(II) oxide)	1344-43-0	70.94	mg/m^3	2.90	MnO	S	1650
1696	Manganous sulfate	7785-87-7	151	mg/m^3	6.17	MnO4S	S	700
1697	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6	87	mg/m^3	3.56	MnS	S	1610
1698	Mastic (resin)	61789-92-2		mg/m^3		[Unspecified]	S	
1699	Melamine	108-78-1	126.15	mg/m^3	5.16	C3H6N6	S	345 dec

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1678	Mancozeb; (Dithane M-45)	8018-01-7						07/11/07	08/28/13	12/31/11
1679	Manganese	7439-96-5	2061	7.5x10-3	955	7.3		09/30/97	08/28/13	12/31/11
1680	Manganese carbonate	598-62-9	200 dec			3.7		12/08/02	05/16/14	12/31/11
1681	Manganese dioxide	1313-13-9				5.08		08/21/96	08/28/13	12/31/11
1682	Manganese hydroxide	18933-05-6				3.26		01/10/01	05/16/14	12/31/11
1683	Manganese nitrite	18488-90-9						12/08/02	05/16/14	12/31/11
1684	Manganese oxalate	640-67-5						12/08/02	05/16/14	12/31/11
1685	Manganese oxide; (Manganese tetroxide)	1317-35-7				4.84		08/07/98	05/16/14	07/05/12
1686	Manganese phosphate	10124-54-6						12/08/02	05/16/14	12/31/11
1687	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	233	7.3	100	1.388 @ 20°C		06/13/02	10/29/14	10/29/14
1688	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	1225			2.977		01/10/01	05/16/14	05/30/12
1689	Manganese(II) chloride tetrahydrate	13446-34-9				2.01		04/14/04	05/19/14	12/31/11
1690	Manganese(II) nitrate	10377-66-9				1.8		09/30/97	05/19/14	06/25/13
1691	Manganese(II) nitrate hydrate	15710-66-4						10/11/05	05/19/14	12/31/11
1692	Manganese(II) sulfate monohydrate	10034-96-5	850 dec			3.25		04/14/04	05/19/14	10/03/13
1693	Manganese(III) oxide	1317-34-6	dec			5		10/11/05	05/19/14	05/02/12
1694	Manganese(VII) oxide	12057-92-0						12/08/02	05/19/14	12/31/11
1695	Manganous oxide; (Manganese(II) oxide)	1344-43-0				5.45		01/10/01	05/19/14	04/27/12
1696	Manganous sulfate	7785-87-7	850 dec			3.25		11/15/96	05/19/14	12/31/11
1697	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6				4		08/07/98	05/19/14	12/31/11
1698	Mastic (resin)	61789-92-2						09/30/97	08/28/13	12/31/11
1699	Melamine	108-78-1	subl	3.59x10-10	20	1.573 @ 16°C		01/04/99	06/12/13	06/12/13

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1700	Memtetrahydrophthalic anhydride; (Tetrahydrophthalic anhydride)	85-43-8	152.1494	mg/m^3	6.22	C8.H8.O3	S	101.9
1701	Mephosfolan	950-10-7	269.34	mg/m^3	11.01	C8H16NO3PS2	S	
1702	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	92.12	ppm	3.77	C2.H4.O2.S	L	-16.5
1703	Mercaptobenzoic acid, o-	147-93-3	154.19	mg/m^3	6.30	C7.H6.O2.S	S	164
1704	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4	167.25	mg/m^3	6.84	C7H5NS2	S	181
1705	Mercaptoethanol, 2-	60-24-2	78.14	ppm	3.19	C2.H6.O.S	L	
1706	Mercaptopropionic acid, 3-	107-96-0	106.15	mg/m^3	4.34	C3.H6.O2.S	I	16.8
1707	Mercuric acetate	1600-27-7	318.69	mg/m^3	13.03	Hg.C4.H6.O4	S	178-180
1708	Mercuric cyanide	592-04-1	252.63	mg/m^3	10.33	Hg.C2N2	S	320 decom
1709	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	454.4	mg/m^3	18.57	HgI2	S	259
1710	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9	296.65	mg/m^3	12.12	Hg.SO4	S	decom
1711	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8	316.79	mg/m^3	12.95	C2HgN2S2	S	~165 dec
1712	Mercuric trifluoroacetate	13257-51-7	426.62	mg/m^3	17.44	Hg.(C.F3.C.O.O)2	S	171-173
1713	Mercurol; (Mercury nucleate)	12002-19-6	252.66	mg/m^3	10.33	C4H4Hg	S pwd	
1714	Mercurous chloride; (Mercury monochloride)	7546-30-7	236.04	mg/m^3	9.65	ClHg	S	400 subl
1715	Mercurous nitrate monohydrate	7782-86-7	281.62	mg/m^3	11.51	Hg.(NO3)H.H2O	S	79.1 del
1716	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5	262.6	mg/m^3	10.73	Hg.NO3	S	70 decom
1717	Mercurous oxide; (Mercury(I) oxide)	15829-53-5	417.18	mg/m^3	17.05	Hg2O	S	100 dec
1718	Mercury hydroxide	12135-13-6	234.61	mg/m^3	9.59	H2HgO2	S	
1719	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0	324.6	mg/m^3	13.27	HgN2O6	S	79
1720	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5	292.59	mg/m^3	11.96	Hg.(N.O2)2	S	
1721	**Mercury vapor**	**7439-97-6**	200.59	mg/m^3	8.20	Hg	L	-38.9

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1700	Memtetrahydrophthalic anhydride; (Tetrahydrophthalic anhydride)	85-43-8	195 @ 50ºC	0.057	25	1.2 @ 105°C		08/29/08	08/28/13	01/10/12
1701	Mephosfolan	950-10-7	410	1E-10	25	1.539 @ 26°C		12/08/02	07/02/13	06/25/13
1702	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	108 @ 15mm	0.0868	25	1.325		07/11/07	03/09/15	11/02/12
1703	Mercaptobenzoic acid, o-	147-93-3		subl.				10/11/05	08/28/13	12/31/11
1704	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4				1.42 @ 20°C		08/07/98	10/22/13	11/02/12
1705	Mercaptoethanol, 2-	60-24-2	157-158	1	20	1.1168 @ 20°C		04/14/04	03/09/15	12/31/11
1706	Mercaptopropionic acid, 3-	107-96-0	114-115.5			1.218 @ 21°C		07/11/07	03/09/15	07/05/12
1707	Mercuric acetate	1600-27-7	decom			3.28		06/13/02	05/09/14	05/09/14
1708	Mercuric cyanide	592-04-1				3.996		06/13/02	05/09/14	05/09/14
1709	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	350	100	261.8	6.28 no temp		09/30/97	05/09/14	05/09/14
1710	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9				6.47		06/13/02	05/09/14	05/09/14
1711	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8				3.71		08/07/98	05/09/14	05/09/14
1712	Mercuric trifluoroacetate	13257-51-7						07/11/07	05/12/14	05/12/14
1713	Mercurol; (Mercury nucleate)	12002-19-6						01/04/99	08/28/13	08/28/13
1714	Mercurous chloride; (Mercury monochloride)	7546-30-7				7.15		08/07/98	05/12/14	05/12/14
1715	Mercurous nitrate monohydrate	7782-86-7				4.3		04/15/07	05/12/14	05/12/14
1716	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5				4.78		06/13/02	05/12/14	05/12/14
1717	Mercurous oxide; (Mercury(I) oxide)	15829-53-5				9.8		09/30/97	05/12/14	05/12/14
1718	Mercury hydroxide	12135-13-6						12/08/02	05/12/14	05/12/14
1719	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0				4.3		12/30/95	05/12/14	05/12/14
1720	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5						12/08/02	05/12/14	05/12/14
1721	**Mercury vapor**	**7439-97-6**	356.7	2.0x10-3	25	13.5336		11/30/92	02/17/15	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1722	Mercury(I) chloride; (Dimercury dichloride)	10112-91-1	472.08	mg/m^3	19.29	Cl2.Hg2	S	400 subl.
1723	Mercury(II) chloride; (Mercury bichloride)	7487-94-7	271.5	mg/m^3	11.10	Cl2Hg	S	277
1724	Mercury(II) nitrate monohydrate	7783-34-8	342.62	mg/m^3	14.00	Hg(N.O3)2.H2.O	S hygr.	79
1725	Mercury(II) oxide; (Mercuric oxide)	21908-53-2	216.59	mg/m^3	8.85	HgO	S	500 dec
1726	**Mesitylene; (1,3,5-Trimethylbenzene)**	**108-67-8**	120.19	ppm	4.91	C9H12	L	-44.72
1727	Metaphosphoric acid	37267-86-0	79.98	mg/m^3	3.27	H.P.O3	S hygr	21
1728	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	172.2	mg/m^3	7.04	C8H12O4	L	
1729	**Methacrylaldehyde**	**78-85-3**	70.1	ppm	2.87	C4H6O	L	-81
1730	Methacrylamide	79-39-0	85.12	mg/m^3	3.48	C4.H7.N.O	S	105-107
1731	**Methacrylic acid**	**79-41-4**	86.1	ppm	3.52	H2C=C(CH3)CO.OH	L	16
1732	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	286.36	mg/m^3	11.70	C14H22O6	L	
1733	Methacrylic anhydride	760-93-0	154.18	mg/m^3	6.30	C8H10O3	L	
1734	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	67.1	ppm	2.74	C4H5N	L	-36
1735	Methacryloyl chloride	920-46-7	104.54	ppm	4.27	C4H5ClO	L	-60
1736	Methamidophos	10265-92-6	141.14	mg/m^3	5.77	C2H8NO2PS	S	40
1737	Methane	74-82-8	16.04	ppm	0.66	CH4	G	-182.47
1738	Methane-d3	676-80-2	19.07	ppm	0.78	C.H.D3	G	-183
1739	Methanesulfonic acid	75-75-2	96.01	mg/m^3	3.92	CH4O3S	S/L	20
1740	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	124.17	mg/m^3	5.07	C3H8O3S	L	
1741	**Methanesulfonyl chloride**	**124-63-0**	114.55	ppm	4.68	C.H3.Cl.O2.S	L	-32
1742	Methanesulfonyl fluoride	558-25-8	98.1	ppm	4.01	CH3FO2S	L	
1743	Methidathion; (O,O-Dimethyl-S-(5-methoxy-1,3,4-thiadiazolinyl-3-methyl)dithiophosphate)	950-37-8	302.34	mg/m^3	12.36	C6H11N2O4PS3	S	39-40

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1722	Mercury(I) chloride; (Dimercury dichloride)	10112-91-1				7.15		10/11/05	05/12/14	05/12/14
1723	Mercury(II) chloride; (Mercury bichloride)	7487-94-7	304	7.5x10-3	64.4	5.6		09/30/97	05/12/14	05/12/14
1724	Mercury(II) nitrate monohydrate	7783-34-8				4.3		09/30/97	05/12/14	05/12/14
1725	Mercury(II) oxide; (Mercuric oxide)	21908-53-2				11.14		07/09/97	05/12/14	12/31/11
1726	**Mesitylene; (1,3,5-Trimethylbenzene)**	**108-67-8**	164.74	0.75	9	0.8615		09/30/97	03/09/15	06/03/13
1727	Metaphosphoric acid	37267-86-0	260	0.03	25			10/11/05	08/28/13	12/31/11
1728	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	191	0.35	25	1.051 @ 20°C		12/08/02	08/28/13	11/06/12
1729	**Methacrylaldehyde**	**78-85-3**	68-70	120	20	0.830 @ 20°C		12/08/02	08/27/15	08/27/15
1730	Methacrylamide	79-39-0	215					10/11/05	08/28/13	01/09/12
1731	**Methacrylic acid**	**79-41-4**	163	1	25.5	1.014	16000	06/13/02	02/13/15	12/12/06
1732	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	170 @ 5 mmHg			1.09 @ 20°C		09/30/97	10/30/13	01/25/12
1733	Methacrylic anhydride	760-93-0	240	0.01	25	1.035		12/08/02	08/28/13	12/31/11
1734	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	90.3	71.2	25	0.805 @ 20°C	20000	01/04/99	08/31/15	02/09/15
1735	Methacryloyl chloride	920-46-7	96	40	25			12/08/02	08/28/13	12/31/11
1736	Methamidophos	10265-92-6	dec	0.0003	25	1.31 @ 44.5°C		12/08/02	08/28/13	07/05/12
1737	Methane	74-82-8	-161.48	750	-161.7	0.4228 @ -162°C	50000	12/30/95	06/03/13	06/03/13
1738	Methane-d3	676-80-2	-163				50000	07/11/07	11/02/12	11/02/12
1739	Methanesulfonic acid	75-75-2	167 @ 10 mmHg	4.28x10-4	25	1.4812 @ 18°C		08/07/98	08/28/13	04/23/12
1740	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	213	0.328	25	1.1452 @ 22°C		06/13/02	08/28/13	12/31/11
1741	**Methanesulfonyl chloride**	**124-63-0**	62 @ 18 mm	18	62	1.4805 @ 18°C		04/15/07	02/09/15	12/31/11
1742	Methanesulfonyl fluoride	558-25-8	124	10	25			12/08/02	08/28/13	05/30/12
1743	Methidathion; (O,O-Dimethyl-S-(5-methoxy-1,3,4-thiadiazolinyl-3-methyl)dithiophosphate)	950-37-8		0.000001	25	1.495 @ 20°C		12/08/02	08/28/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1744	Methiocarb; (Mercaptodimethur)	2032-65-7	225.33	mg/m^3	9.21	C11H15NO2S	S	117-118
1745	Methomyl	16752-77-5	162.23	mg/m^3	6.63	C5H10N2O2S	S	78-79
1746	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	136.15	mg/m^3	5.56	C8.H8.O2	L	0
1747	Methoxybenzyl alcohol, 4-	105-13-5	138.18	mg/m^3	5.65	C8.H10.O2	L/S	25
1748	Methoxychlor	72-43-5	345.65	mg/m^3	14.13	C16H15Cl3O2	S	87
1749	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	120.17	ppm	4.91	C5H12O3	L	< -84
1750	Methoxyethylamine, 2-	109-85-3	75.13	ppm	3.07	C3H9NO	L	
1751	Methoxyethylmercuric acetate	151-38-2	318.74	mg/m^3	13.03	C5H10HgO3	S	42
1752	Methoxyphenol, p-	150-76-5	124.15	mg/m^3	5.07	C7.H8.O2	S	52.5
1753	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	89.16	ppm	3.64	C4H11NO	L	-75.7
1754	Methoxytrimethylsilane	1825-61-2	104.22	ppm	4.26	C4-H12-O-Si		
1755	Methyl 2-cyanoacrylate; (Permabond 910 adhesive)	137-05-3	111.11	ppm	4.54	C5-H5-N-O2	L	-22.5
1756	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	99.15	ppm	4.05	C5H9NO	L	-23.09
1757	Methyl acetate	79-20-9	74.09	ppm	3.03	C3.H6.O2	L	-98.7
1758	Methyl acetylene	74-99-7	40.07	ppm	1.64	C3H4	G	-102.7
1759	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8	80.19	ppm	3.28	[Unspecified]	G	-38 - -20
1760	Methyl acrylate	96-33-3	86.1	ppm	3.52	CH3OCO-CH=CH2	L	-76.5
1761	**Methyl alcohol; (Methanol)**	**67-56-1**	32.04	ppm	1.31	CH4O	L	-97.53
1762	Methyl alcohol-d	1455-13-6	33.05	ppm	1.35	D.O.C.H3	L	11
1763	Methyl alcohol-d4	811-98-3	36.07	ppm	1.47	D.O.C.D3	L	11
1764	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	136.16	ppm	5.57	C8.H8.O2	L	-12.5
1765	**Methyl bromide; (Bromomethane)**	**74-83-9**	94.94	ppm	3.88	CH3Br	G	-93.68

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1744	Methiocarb; (Mercaptodimethur)	2032-65-7	325	0.0001	25			12/08/02	08/28/13	07/09/13
1745	Methomyl	16752-77-5	335	0.00005	25	1.2946 @ 24°C		12/08/02	09/11/15	09/11/15
1746	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	249.5	1	73	1.123 @ 20°C		07/11/07	08/28/13	02/17/12
1747	Methoxybenzyl alcohol, 4-	105-13-5	259.1			1.108		07/11/07	08/28/13	12/31/11
1748	Methoxychlor	72-43-5		4.2x10-5	25	1.41		12/30/95	08/28/13	12/31/11
1749	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	194.2	0.25	25	1.04 @ 20°C	13800	01/04/99	03/09/15	03/09/15
1750	Methoxyethylamine, 2-	109-85-3	95					08/07/98	08/28/13	12/31/11
1751	Methoxyethylmercuric acetate	151-38-2		0.00001	25			12/08/02	05/12/14	06/25/13
1752	Methoxyphenol, p-	150-76-5	246			1.55 @ 20°C		10/11/05	08/28/13	12/31/11
1753	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	117.5	20	30	0.8615 @ 20°C		01/04/99	07/02/13	07/02/13
1754	Methoxytrimethylsilane	1825-61-2						12/08/02	11/20/13	11/20/13
1755	Methyl 2-cyanoacrylate; (Permabond 910 adhesive)	137-05-3	200.5	0.2	25	1.1012		04/14/04	08/28/13	07/06/12
1756	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	202	0.345	25	1.027		01/04/99	03/09/15	06/13/13
1757	Methyl acetate	79-20-9	57.8	100	9.4	0.92438	31000	07/11/07	08/28/13	06/25/13
1758	Methyl acetylene	74-99-7	-23.3	4310	25	.607 (p> 1 atm)	17000	08/07/98	11/18/14	11/18/14
1759	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8						08/07/98	03/09/15	12/31/11
1760	Methyl acrylate	96-33-3	85	100	28	0.9561 @ 20°C	28000	06/13/02	04/10/14	01/25/12
1761	**Methyl alcohol; (Methanol)**	**67-56-1**	64.6	75	15.2	0.7914 @ 20°C	55000	11/30/92	02/13/15	
1762	Methyl alcohol-d	1455-13-6	65.5			0.81	55000	04/15/07	08/28/13	06/06/09
1763	Methyl alcohol-d4	811-98-3	65.4			0.888	55000	07/11/07	08/28/13	06/06/09
1764	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	199.6	1	39	1.082		04/15/07	08/28/13	12/31/11
1765	**Methyl bromide; (Bromomethane)**	**74-83-9**	3.5	750	3.3	1.6755 @ 20°C	100000	12/30/95	03/09/15	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1766	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	142.22	mg/m^3	5.81	C8.H14.O2	L	-75
1767	**Methyl chloride**	**74-87-3**	50.49	ppm	2.06	CH3Cl	G	-97.7
1768	**Methyl chloroformate; (Methyl chlorocarbonate)**	**79-22-1**	94.5	ppm	3.86	C2H3ClO2	L	< -81
1769	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	80.59	ppm	3.29	CH5ClSi	G	-135
1770	**Methyl cyclohexylfluorophosphonate; (GF)**	**329-99-7**	180.18	ppm	7.36	C7H14FO2P		
1771	Methyl demeton methyl; (Phosphorothioic acid, O,O-dimethyl-S-(2-methylthio)ethyl ester)	2587-90-8	216.27	mg/m^3	8.84	C5H13O3PS2	L	
1772	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	115.04	ppm	4.70	C.H4.Cl2.Si	L	-93
1773	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	100.01	mg/m^3	4.09	CH3F2OP	L	
1774	Methyl ether; (Dimethyl ether)	115-10-6	46.08	ppm	1.88	C2H6O	G	-141.5
1775	Methyl ethyl ketone peroxide	1338-23-4	176.21	ppm	7.20	C8H16O4	L	
1776	Methyl fluoride; (Fluoromethane)	593-53-3	34.03	mg/m^3	1.39	CH3F	G	-143.3
1777	Methyl fluoroacetate	453-18-9	92.08	mg/m^3	3.76	C3H5FO2	L	
1778	Methyl fluorosulfate	421-20-5	114.1	ppm	4.66	CH3FO3S	L	
1779	Methyl formate; (Formic acid, methyl ester)	107-31-3	60.06	ppm	2.45	C2H4O2	L	-99.8
1780	**Methyl iodide**	**74-88-4**	141.94	ppm	5.80	CH3I	L	-66.4
1781	Methyl isobutyl ketone; (Hexone)	108-10-1	100.16	ppm	4.09	C6H12O	L	-84
1782	**Methyl isocyanate**	**624-83-9**	57.05	ppm	2.33	C2H3NO	L	-45
1783	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	86.15	ppm	3.52	C5H10O	L	
1784	**Methyl isothiocyanate; (Isothiocyanatomethane)**	**556-61-6**	73.12	ppm	2.99	C2H3NS	S/L	36
1785	Methyl lithium	917-54-4	21.98	mg/m^3	0.90	Li.C.H3	L	
1786	**Methyl mercaptan**	**74-93-1**	48.11	ppm	1.97	CH4S	G	-123

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1766	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	163	2.12	25	0.8836 @ 20°C		04/14/04	03/09/15	10/03/13
1767	**Methyl chloride**	**74-87-3**	-24.09	750	-24.4	0.911	81000	11/30/92	05/29/13	05/29/13
1768	**Methyl chloroformate; (Methyl chlorocarbonate)**	**79-22-1**	70.5	108.5	25	1.22 @ 20°C		01/04/99	03/09/15	08/27/14
1769	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	-45					12/08/02	03/09/15	
1770	**Methyl cyclohexylfluorophosphonate; (GF)**	**329-99-7**						06/13/02	02/09/15	08/10/07
1771	Methyl demeton methyl; (Phosphorothioic acid, O,O-dimethyl-S-(2-methylthio)ethyl ester)	2587-90-8	230			1.207 @ 20°C		12/08/02	11/06/12	11/06/12
1772	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	41	429	25	1.10 @ 27°C	6000	09/05/08	03/09/15	01/22/10
1773	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	98			1.33		03/01/00	08/28/13	12/31/11
1774	Methyl ether; (Dimethyl ether)	115-10-6	-24.8	4450	25	1.92 g/L	34000	01/04/99	03/09/15	08/28/13
1775	Methyl ethyl ketone peroxide	1338-23-4	19					09/30/97	08/28/13	08/28/13
1776	Methyl fluoride; (Fluoromethane)	593-53-3	-78.4	750	-78.6	0.557		11/30/92	03/09/15	12/31/11
1777	Methyl fluoroacetate	453-18-9	104.5			1.161 @ 15°C		12/08/02	08/28/13	12/31/11
1778	Methyl fluorosulfate	421-20-5	92			1.427 @ 16°C		12/08/02	08/28/13	12/31/11
1779	Methyl formate; (Formic acid, methyl ester)	107-31-3	31.5	400	16	0.975 @ 20°C	45000	06/13/02	05/26/15	05/26/15
1780	**Methyl iodide**	**74-88-4**	42.43	750	42.1	2.2789 @ 20°C		11/30/92	03/09/15	
1781	Methyl isobutyl ketone; (Hexone)	108-10-1	116.5	7.5	9	0.7965	12000	03/24/10	05/04/12	05/04/12
1782	**Methyl isocyanate**	**624-83-9**	38.3	750	38.8	0.9588 @ 20°C	53000	12/30/95	02/17/15	10/11/05
1783	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	93-94			0.805 @ 16°C		12/08/02	03/09/15	12/05/14
1784	**Methyl isothiocyanate; (Isothiocyanatomethane)**	**556-61-6**	119	19	20	1.069 @ 37°C		06/13/02	02/13/15	02/12/15
1785	Methyl lithium	917-54-4				0.701		04/14/04	12/09/13	12/09/13
1786	**Methyl mercaptan**	**74-93-1**	5.9	750	5.7	0.8665 @ 20°C	39000	11/30/92	02/09/15	02/09/15

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1787	Methyl mercury	22967-92-6	215.63	mg/m^3	8.81	CH3Hg	S	
1788	**Methyl methacrylate**	**80-62-6**	100.12	ppm	4.09	C5H8O2	L	-47.55
1789	Methyl n-amyl ketone	110-43-0	114.19	ppm	4.67	C7H14O	L	-35
1790	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	77.05	ppm	3.15	C.H3.N.O3	L	-83
1791	**Methyl nonafluorobutyl ether (40%) and Methyl nonafluoroisobutyl ether (60%) (ppm) (HFE-7100)**	**163702-07-6 163702-08-7**	250.063727	ppm	10.22	C5.H3.F9.O	G	
1792	**Methyl parathion**	**298-00-0**	263.21	mg/m^3	10.76	C8H10NO5PS	S	38
1793	Methyl phencapton	3735-23-7	349.25	mg/m^3	14.27	C9H11Cl2O2PS2	L	
1794	Methyl phosphonic dichloride	676-97-1	132.91	mg/m^3	5.43	CH3Cl2OP	S	32
1795	Methyl phosphonothioic dichloride	676-98-2	148.97	mg/m^3	6.09	CH3Cl2PS	L	-25.6
1796	Methyl pyridine, 3-; (3-Picoline)	108-99-6	93.14	ppm	3.81	C6H7N	L	-18.14
1797	Methyl salicylate	119-36-8	152.16	ppm	6.22	C8H8O3	L	-8.6
1798	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	84.15	ppm	3.44	C2.D6.O.S	L	18
1799	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	88.15	ppm	3.60	C5H12O	L	-108.6
1800	Methyl thiocyanate	556-64-9	73.12	ppm	2.99	C2H3NS	L	-51
1801	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	72.12	ppm	2.95	C4H8O	L	<-80
1802	**Methyl vinyl ketone; (3-Buten-2-one)**	**78-94-4**	70.1	ppm	2.87	C4H6O	L	-7
1803	Methyl-1-butene, 2-	563-46-2	70.14	ppm	2.87	C5H10	L	-137.5
1804	Methyl-1H-benzotriazole	29385-43-1	133.17	mg/m^3	5.44	C7H7N3		
1805	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	174.22	mg/m^3	7.12	C10H10N2O	Pwdr	128.9
1806	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	90.19	ppm	3.69	C4.H10.S	L	-165
1807	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	70.09	ppm	2.86	C4H6O	L	-97.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1787	Methyl mercury	22967-92-6						03/01/00	05/12/14	05/12/14
1788	**Methyl methacrylate**	**80-62-6**	100.5	75	39.7	0.9377	17000	12/30/95	02/13/15	12/12/06
1789	Methyl n-amyl ketone	110-43-0	151.05	7.5	36	0.811 @ 20°C	11000	09/30/97	03/09/15	11/13/12
1790	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	65 expl			1.208 @ 20°C		10/11/05	08/30/13	12/31/11
1791	**Methyl nonafluorobutyl ether (40%) and Methyl nonafluoroisobutyl ether (60%) (ppm) (HFE-7100)**	**163702-07-6 163702-08-7**						10/11/05	02/13/15	02/25/08
1792	**Methyl parathion**	**298-00-0**	35-36	0.2 mPa	20	1.358 @ 20°C		11/15/96	02/13/15	12/31/11
1793	Methyl phencapton	3735-23-7	400	0.0000035	25			12/08/02	08/30/13	12/31/11
1794	Methyl phosphonic dichloride	676-97-1	162					03/01/00	08/30/13	12/31/11
1795	Methyl phosphonothioic dichloride	676-98-2	177-178			1.35-1.42		01/10/01	12/09/13	12/09/13
1796	Methyl pyridine, 3-; (3-Picoline)	108-99-6	144.1	6.05	25	0.9613 @ 20°C		01/04/99	03/09/15	12/31/11
1797	Methyl salicylate	119-36-8	223.3	0.0343	25	1.184		03/01/00	08/30/13	08/30/13
1798	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	55 @ 5 mmHg			1.19		04/14/04	08/30/13	11/13/12
1799	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	55	75	-2	0.7353	16000	09/30/97	02/17/15	02/22/08
1800	Methyl thiocyanate	556-64-9	130-133			1.068		03/01/00	02/05/15	02/05/15
1801	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	97			0.831 @ 20°C		12/08/02	08/30/13	12/31/11
1802	**Methyl vinyl ketone; (3-Buten-2-one)**	**78-94-4**	81.4	152	25	0.86 @ 20°C	21000	08/07/98	02/13/15	
1803	Methyl-1-butene, 2-	563-46-2	31.04	610	20	0.06504 @ 20°C	14000	06/13/02	06/06/09	08/17/07
1804	Methyl-1H-benzotriazole	29385-43-1						11/15/96	08/30/13	12/31/11
1805	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	191 @ 17 mmHg	< .01	20			01/04/99	08/30/13	12/31/11
1806	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	84-85	80.71	25	0.8299 @ 17°C		07/11/07	11/14/13	11/14/13
1807	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	34					03/01/00	08/30/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1808	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	150.24	mg/m^3	6.14	C10.H14.O	S	51
1809	Methyl-2-butene, 2-; (Amylene)	513-35-9	70.133	ppm	2.87	C5.H10	L	-133.72
1810	Methyl-2-chloroacrylate	80-63-7	120.54	ppm	4.93	C4H5ClO2	L	
1811	Methyl-2-heptanone, 6-	928-68-7	128.21	mg/m^3	5.24	C8.H16.O	L	
1812	Methyl-2-hexanone, 5-; (Methyl isoamyl ketone)	110-12-3	114.21	ppm	4.67	C7H14O	L	-73.9
1813	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	98.16	ppm	4.01	C6H10O	L	-59
1814	Methyl-4-penten-2-one, 4-	3744-02-3	98.14	ppm	4.01	C6H10O	L	-72.6
1815	Methyl-5-nitroaniline, 2-; (5-Nitro-o-toluidine; Benzenamine, 2-methyl-5-nitro-)	99-55-8	152.17	mg/m^3	6.22	C7H8N2O2	S	107
1816	Methyl-5-vinylpyridine, 2-	140-76-1	119.18	mg/m^3	4.87	C8H9N	L	
1817	Methyl-8-quinolinol, 2-	826-81-3	159.2	mg/m^3	6.51	C10.H9.N.O.	S	73.8
1818	Methylal; (Dimethoxymethane)	109-87-5	76.1	ppm	3.11	C3H8O2	L	-105.1
1819	Methylamine hydrochloride	593-51-1	67.53	mg/m^3	2.76	C.H5.N.Cl.H	S	232-234
1820	Methylamino)ethanol, 2-(	109-83-1	75.11	ppm	3.07	C3.H9.N.O	L	-4.5
1821	Methylaniline, N-	100-61-8	107.17	ppm	4.38	C7H9N	L	-57
1822	Methylaziridine, 1-	1072-44-2	57.11	ppm	2.33	C3-H7-N	L	
1823	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	101.15	mg/m^3	4.13	C5H11NO	S	137
1824	Methylbutylamine, N-	110-68-9	87.19	ppm	3.56	C5.H13.N	L	-75
1825	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7	110.75	ppm	4.53	CH7ClSi2		
1826	Methylcholanthrene, 3-	56-49-5	268.35	mg/m^3	10.97	C21H16	S	180
1827	Methylcyclohexane	108-87-2	98.21	ppm	4.01	C7H14	L	-126.4
1828	Methylcyclohexanone	1331-22-2	112.19	ppm	4.59	C7H12O	L	-14
1829	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	112.19	ppm	4.59	C7H12O	L	-14

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1808	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	233	1	64	0.972		10/11/05	08/30/13	01/16/12
1809	Methyl-2-butene, 2-; (Amylene)	513-35-9	38.56	468	25	0.6623 @ 20°C		07/11/07	03/09/15	11/14/13
1810	Methyl-2-chloroacrylate	80-63-7	140	12	25	1.189 @ 20°C		12/08/02	08/30/13	12/31/11
1811	Methyl-2-heptanone, 6-	928-68-7	167			0.8151 @ 20°C		10/11/05	08/30/13	12/31/11
1812	Methyl-2-hexanone, 5-; (Methyl isoamyl ketone)	110-12-3	144	5.77	25	0.89 @ 20°C	10000	01/04/99	06/25/13	06/25/13
1813	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	130	8.21	25	0.87 @ 20°C	14000	01/04/99	09/15/14	07/16/12
1814	Methyl-4-penten-2-one, 4-	3744-02-3	124.2			0.8411		03/01/00	03/09/15	11/13/12
1815	Methyl-5-nitroaniline, 2-; (5-Nitro-o-toluidine; Benzenamine, 2-methyl-5-nitro-)	99-55-8		0.000013	20			06/13/02	08/30/13	11/13/12
1816	Methyl-5-vinylpyridine, 2-	140-76-1	181	1.7	25	0.98 @ 20°C		12/08/02	08/30/13	12/31/11
1817	Methyl-8-quinolinol, 2-	826-81-3	267					10/11/05	08/30/13	12/31/11
1818	Methylal; (Dimethoxymethane)	109-87-5	42	750	41.7	0.8593 @ 20°C	22000	09/30/97	11/18/14	11/18/114
1819	Methylamine hydrochloride	593-51-1	227 @ 15C					10/11/05	08/30/13	12/31/11
1820	Methylamino)ethanol, 2-(	109-83-1	156	0.7	20	0.937 @ 20°C		10/11/05	08/30/13	12/31/11
1821	Methylaniline, N-	100-61-8	196.2	0.453	25	0.99 @ 20°C		01/04/99	08/30/13	10/08/12
1822	Methylaziridine, 1-	1072-44-2	27.5			0.7572 @ 19°C		12/08/02	08/30/13	08/30/13
1823	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	226					03/01/00	09/03/13	12/31/11
1824	Methylbutylamine, N-	110-68-9	91			0.7335		07/11/07	09/03/13	12/31/11
1825	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7						12/08/02	09/03/13	12/31/11
1826	Methylcholanthrene, 3-	56-49-5	280 @ 80mmHg	4.3x10-8	25	1.28 @ 20°C		12/30/95	09/03/13	12/31/11
1827	Methylcyclohexane	108-87-2	100.3	46	25	0.77 @ 20°C	12000	01/04/99	03/09/15	11/13/12
1828	Methylcyclohexanone	1331-22-2	160-170			0.925		01/04/99	09/23/14	09/15/14
1829	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	165.1			0.92		01/10/01	03/09/15	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1830	Methylcyclopentane	96-37-7	84.18	ppm	3.44	C6.H12	L	-142.5
1831	Methyldecane, 4-	2847-72-5	156.31	ppm	6.39	C11.H24	L	-77.5
1832	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	160.86	mg/m^3	6.57	C.H3.As.Cl2	L	-59
1833	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4	267.15	ppm	10.92	C13H12Cl2N2	S	110
1834	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1	262.39	ppm	10.72	C15H22NO2	L	
1835	**Methylene chloride; (Dichloromethane)**	**75-09-2**	84.93	ppm	3.47	CH2Cl2	L	-97.2
1836	**Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)**	**101-68-8**	250.25	mg/m^3	10.23	C15H10N2O2	S	37
1837	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5	52.03	ppm	2.13	C.H2.F2	L	
1838	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5	250.26	mg/m^3	10.23	C15.H10.N2.O		
1839	Methylenebisacrylamide, N,N'-	110-26-9	154.19	mg/m^3	6.30	C7.H10.N2.O2	S	185
1840	Methylenedianiline, 4,4'-	101-77-9	198.26	ppm	8.10	C13H14N2	S	92.5
1841	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	76.09	mg/m^3	3.11	C3H8O2	S	
1842	Methylformamide, N-	123-39-7	59.08	ppm	2.41	C2.H5.N.O	L	-5.4
1843	Methylfuran, 2-	534-22-5	82.11	ppm	3.36	C5-H6-O	L	-88.7
1844	Methylheptane, 2-	592-27-8	114.23	ppm	4.67	C8.H18	L	-109
1845	Methylheptane, 4-	589-53-7	114.23	ppm	4.67	C8H18	L	-121
1846	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2		mg/m^3				
1847	Methylimidazole, 1-	616-47-7	82.12	mg/m^3	3.36	C4.H6.N2	L	-6
1848	Methylimidazole, 4-	822-36-6	82.12	mg/m^3	3.36	C4.H6.N2	S	56
1849	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7	132.18	mg/m^3	5.40	C6H12O3	L	
1850	**Methyllactonitrile, 2-; (Acetone cyanohydrin)**	**75-86-5**	85.11	ppm	3.48	C4H7NO	L	-19
1851	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1	119.26	ppm	4.87	C.H3.BrMg	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1830	Methylcyclopentane	96-37-7	71.8	100	17.9	0.750 @ 20°C	10000	10/11/05	09/03/13	09/03/13
1831	Methyldecane, 4-	2847-72-5	187			1.4352 @ 20°C		10/11/05	04/22/15	04/22/15
1832	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	90 @ 200 mm	10	24.3	1.84 @ 20°C		09/05/08	02/17/15	10/08/12
1833	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4		2.86x10-7	25	1.44 no temp		08/21/96	10/22/13	07/16/12
1834	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1						06/13/02	11/18/14	11/18/14
1835	**Methylene chloride; (Dichloromethane)**	**75-09-2**	40	750	39.3	1.3266 @ 20°C	130000	12/30/95	03/09/15	
1836	**Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)**	**101-68-8**	196 @ 5mmHg	5.0x10-6	25	1.197 @ 70°C		12/30/95	10/31/11	10/31/11
1837	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5						10/11/05	11/13/12	11/13/12
1838	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5						07/11/07	07/23/14	11/06/12
1839	Methylenebisacrylamide, N,N'-	110-26-9	dec			1.235 @ 30°C		10/11/05	03/09/15	12/31/11
1840	Methylenedianiline, 4,4'-	101-77-9	398	2.03x10-7	25	1.070 @ 103°C		07/09/97	09/03/13	12/31/11
1841	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	107-109					03/01/00	10/22/13	09/03/13
1842	Methylformamide, N-	123-39-7	180-185	0.253	25	0.9961		07/11/07	03/09/15	12/31/11
1843	Methylfuran, 2-	534-22-5	63.7	139	20	0.827 @ 20°C		12/08/02	07/09/13	06/27/13
1844	Methylheptane, 2-	592-27-8	118			0.608		10/11/05	03/09/15	10/09/14
1845	Methylheptane, 4-	589-53-7	117.7			0.7046 @ 20°C		12/08/02	03/09/15	10/09/14
1846	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2						07/11/07	09/03/13	12/31/11
1847	Methylimidazole, 1-	616-47-7	196			1.0325		04/14/04	09/03/13	12/31/11
1848	Methylimidazole, 4-	822-36-6	263					08/17/07	09/03/13	12/31/11
1849	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7						01/10/01	11/19/14	11/19/14
1850	**Methyllactonitrile, 2-; (Acetone cyanohydrin)**	**75-86-5**	95	7.5x10-1	20	0.932 @ 19°C	22000	12/30/95	07/16/12	10/11/05
1851	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1						07/11/07	11/14/13	11/14/13

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1852	Methylmagnesium chloride	676-58-4	74.793	mg/m^3	3.06	C.H3.Cl.Mg	S	
1853	Methylmercuric dicyanamide	502-39-6	298.72	mg/m^3	12.21	C3H6HgN4	S	156
1854	Methylmorpholine, 4-	109-02-4	101.17	ppm	4.13	C5.H11.N.O	L	-64.4
1855	Methylnaphthalene, 1-	90-12-0	142.21	mg/m^3	5.81	C11H10	L	-30.43
1856	Methylnaphthalene, 2-	91-57-6	142.2	mg/m^3	5.81	C11H10	S	34.6
1857	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1	128	ppm	5.23	C6-H12-N2-O		
1858	Methylnonane, 4-	17301-94-9	142.28	ppm	5.82	C10.H22	L	-99
1859	Methylpentane, 2-; (Isohexane)	107-83-5	86.2	ppm	3.52	C6H14	L	-154
1860	Methylpentane, 3-	96-14-0	86.18	ppm	3.52	C6.H14	L	-118
1861	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	102.2	ppm	4.18	C6.H14.O	L	
1862	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8	166.26	mg/m^3	6.80	C8H10N2S	S	151-152
1863	Methylphosphonate	993-13-5	96.02246	mg/m^3	3.92	C.H5.O3.P	S	108.5
1864	Methylphosphonothioic acid, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	309.29	mg/m^3	12.64	C13H12NO4PS	L	
1865	Methylphosphonothioic acid-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	262.34	mg/m^3	10.72	C10H15O2PS2	L	
1866	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8	211.29	ppm	8.64	C7.H18.N.O2.P.S	L	
1867	Methylpropane, 2-; (Isobutane)	75-28-5	58.12	ppm	2.38	C4H10	G	-159.4
1868	Methylpropene, 2-; (Isobutene)	115-11-7	56.12	ppm	2.29	C4H8	L or G	-140.3
1869	Methylpyridine, 2-; (2-Picoline)	109-06-8	93.14	ppm	3.81	N-CHCH-CHCH-CCH3	L	-70
1870	Methylpyrrole, N-	96-54-8	81.12	mg/m^3	3.32	C5.H7.N	L	-56.32
1871	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	85.15	mg/m^3	3.48	C5-H11-N	L	-90
1872	Methylstyrene, alpha-	98-83-9	118.19	ppm	4.83	C9.H10	L	-24.0
1873	Methyltetrahydrofuran, 2-	96-47-9	86.15	ppm	3.52	C5.H10.O	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1852	Methylmagnesium chloride	676-58-4				1.02		07/11/07	03/09/15	12/31/11
1853	Methylmercuric dicyanamide	502-39-6		0.00003	25			12/08/02	05/12/14	05/12/14
1854	Methylmorpholine, 4-	109-02-4	115			0.9		10/11/05	03/09/15	12/31/11
1855	Methylnaphthalene, 1-	90-12-0	244.7	0.067	25	1.025 @ 20°C		01/04/99	09/03/13	11/13/12
1856	Methylnaphthalene, 2-	91-57-6	241.1	0.75	57	1.0058 @ 20°C		09/30/97	03/09/15	11/13/12
1857	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1						12/08/02	09/03/13	12/31/11
1858	Methylnonane, 4-	17301-94-9	165.7			0.7323 @ 20°C		10/11/05	10/09/14	10/09/14
1859	Methylpentane, 2-; (Isohexane)	107-83-5	60.3	400	41.6	0.669	12000	08/07/98	03/09/15	11/13/12
1860	Methylpentane, 3-	96-14-0	63.3	190	25	0.69576	12000	07/11/07	09/08/14	11/13/12
1861	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	130			0.804	11000	07/11/07	10/25/13	12/31/11
1862	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8		0.000002	25			12/08/02	11/13/12	11/13/12
1863	Methylphosphonate	993-13-5	dec.					10/11/05	09/03/13	12/31/11
1864	Methylphosphonothioic acid, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	400	0.00001	25			12/08/02	11/13/12	11/13/12
1865	Methylphosphonothioic acid-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	298	0.0001	25			12/08/02	11/13/12	11/13/12
1866	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8						07/11/07	09/03/13	08/09/12
1867	Methylpropane, 2-; (Isobutane)	75-28-5	-11.73	750	-12	0.551	18000	09/30/97	03/10/15	11/13/12
1868	Methylpropene, 2-; (Isobutene)	115-11-7	-6.9	2308	25	0.6	18000	01/04/99	08/21/14	08/21/14
1869	Methylpyridine, 2-; (2-Picoline)	109-06-8	129	11.2	25	0.950 @ 15°C		06/13/02	03/10/15	11/13/12
1870	Methylpyrrole, N-	96-54-8	112.81	15	20.2	0.9145 @ 15°C		07/11/07	03/10/15	10/09/13
1871	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	80.5			0.8054		04/14/04	09/03/13	12/31/11
1872	Methylstyrene, alpha-	98-83-9	167-170			0.913 @ 17°C	19000	10/11/05	03/10/15	11/13/12
1873	Methyltetrahydrofuran, 2-	96-47-9	80			0.853 @ 20°C		04/14/04	09/03/13	12/31/11

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1874	Methyltriacetoxysilane	4253-34-3	220.25	mg/m^3	9.00	C7H12O6Si		40.5
1875	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	149.48	ppm	6.11	CH3Cl3Si	L	-90
1876	Methyltriethoxysilane	2031-67-6	178.34	ppm	7.29	C7.H18.O3.Si	L	
1877	Methyl-trifluoromethanesulfonate	333-27-7	164.1051	mg/m^3	6.71	C2.H3.F3.O3.S	?	
1878	Methyltrimethoxysilane	1185-55-3	136.25	mg/m^3	5.57	C4.H12.O3.Si	L	
1879	Methyltrioctylammonium chloride	5137-55-3	404.25	mg/m^3	16.52	C25H54ClN	L	-20
1880	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	141.08	ppm	5.77	C3.H6.Cl2.Si	L	
1881	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1		mg/m^3				
1882	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	165.21	mg/m^3	6.75	C9H11NO2	S	76-77
1883	Mevinphos; (Phosdrin)	7786-34-7	224.17	mg/m^3	9.16	C7H13O6P	S	6.7
1884	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4	222.32	mg/m^3	9.09	C12H18N2O2	S	85
1885	Mica; (mica silicates)	12001-26-2	398.3	mg/m^3	16.28	[Unspecified]	S	1387
1886	Michler's ketone; (4,4'-Bis(dimethylamino)benzophenone)	90-94-8	268.39	mg/m^3	10.97	C17H20N2O	S	179
1887	Microcystins	101043-37-2	995.17	mg/m^3	40.67	C49H74N10O12	S	
1888	Mineral fibers, fine	z-0032		mg/m^3		[Unspecified]	S	1387
1889	Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy paraffinic; heavy naphthenic); distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 64742-54-7	8020-83-5		mg/m^3			L	
1890	Mirex; (Perchloropentacyclodecane)	2385-85-5	545.54	mg/m^3	22.30	C10Cl12	S	485 dec
1891	Modeccin toxin; (Adenia digitata toxin)	65988-88-7	57kDa	mg/m^3		[Unspecified]	S	
1892	Molecular sieve 13X	63231-69-6		mg/m^3		Na86[AlO2)86(SiO2)106] · xH2O	S	
1893	Molybdate orange	12656-85-8		mg/m^3		[Unspecified]	S	
1894	Molybdenum	7439-98-7	95.94	mg/m^3	3.92	Mo	S	2623

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1874	Methyltriacetoxysilane	4253-34-3	111 @ 17mmHg			1.175 @ 20°C		09/30/97	09/03/13	12/31/11
1875	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	65.6	75	7	1.273 @ 20°C	76000	08/21/96	08/09/12	01/22/10
1876	Methyltriethoxysilane	2031-67-6	144.5			0.895 @ 20°C		10/11/05	09/03/13	12/31/11
1877	Methyl-trifluoromethanesulfonate	333-27-7	100-102			1.45		04/14/04	09/03/13	12/31/11
1878	Methyltrimethoxysilane	1185-55-3	103.5			0.949 @ 20°C		10/11/05	09/03/13	12/31/11
1879	Methyltrioctylammonium chloride	5137-55-3	225			0.884		08/07/98	09/03/13	12/31/11
1880	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	92			1.08 @ 20°C		09/05/08	02/09/15	
1881	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1						07/11/07	09/03/13	12/31/11
1882	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	360	0.00001	25			12/08/02	09/03/13	12/31/11
1883	Mevinphos; (Phosdrin)	7786-34-7	280	2.9	25			06/13/02	01/30/15	01/30/15
1884	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4		0.000002	25			12/08/02	09/03/13	12/31/11
1885	Mica; (mica silicates)	12001-26-2				2.6-3.2		09/30/97	09/03/13	12/31/11
1886	Michler's ketone; (4,4'-Bis(dimethylamino)benzophenone)	90-94-8	>360 decom					06/13/02	10/22/13	04/23/12
1887	Microcystins	101043-37-2						01/12/15		
1888	Mineral fibers, fine	z-0032				2.6-3.2 no temp		09/30/97	10/22/13	12/31/11
1889	Mineral oil, heavy or light; (paraffin oil; Deobase, deodorized; heavy paraffinic; heavy naphthenic); distillates; includes 64741-53-3, 64741-88-4, 8042-47-5, 8012-95-1; 64742-54-7	8020-83-5	174-274			0.862		04/14/04	03/24/15	03/24/15
1890	Mirex; (Perchloropentacyclodecane)	2385-85-5		8x10-7	25			09/30/97	09/03/13	08/21/12
1891	Modeccin toxin; (Adenia digitata toxin)	65988-88-7						01/16/15		
1892	Molecular sieve 13X	63231-69-6						04/14/04	10/10/13	09/03/13
1893	Molybdate orange	12656-85-8						01/04/99	04/30/14	04/10/14
1894	Molybdenum	7439-98-7	4639	7.5x10-3	2469	10.2		09/30/97	04/10/14	07/16/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1895	Molybdenum carbide	12011-97-1	107.95	mg/m^3	4.41	Mo.C	S	2692
1896	Molybdenum dioxide	18868-43-4	127.94	mg/m^3	5.23	MoO2	S ins	
1897	Molybdenum disilicide	12136-78-6	152.111	mg/m^3	6.22	Mo.Si2	S	~1900
1898	Molybdenum hexacarbonyl	13939-06-5	264	mg/m^3	10.79	Mo.(CO)6	S	
1899	Molybdenum pentachloride	10241-05-1	273.19	mg/m^3	11.17	Mo.Cl5	S hygr	194
1900	Molybdenum trioxide (Molybdenum(VI) oxide)	1313-27-5	143.94	mg/m^3	5.88	Mo.O3	S	802
1901	Molybdenum(IV) sulfide	1317-33-5	160.07	mg/m^3	6.54	Mo.S2	S	1185
1902	Molybdic acid	7782-91-4	161.9534	mg/m^3	6.62	H2-Mo-O4	V	
1903	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3	224.28	mg/m^3	9.17		S	
1904	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0	205.92	mg/m^3	8.42	MoNa2O4	S	686
1905	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	1163.89	mg/m^3	47.57	H24Mo7N6O24	S	90
1906	Molybdophosphoric acid	12026-57-2	1825.25346	mg/m^3	74.60	Mo12.O40.P.3H	S	
1907	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4	2786.8778	mg/m^3	113.90	6H.Mo18.O62.P2	S	104
1908	Monobutyl phosphite	16456-56-7	138.12	mg/m^3	5.65	C4H11O3P	L	
1909	Monochloroamine; (Chloramide)	10599-90-3	51.48	ppm	2.10	Cl.H2.N	L	-66
1910	Monochloropentafluoroethane; (CFC-115)	76-15-3	154.47	ppm	6.31	C2ClF5	G	-106
1911	Monochlorophenyl ether	55398-86-2	204.66	mg/m^3	8.36	C12H9ClO		
1912	Monocrotophos	6923-22-4	223.19	mg/m^3	9.12	C7H14NO5P	S	54-55
1913	**Monomethylamine; (Methylamine)**	**74-89-5**	31.06	ppm	1.27	CH5N	G	-93.5
1914	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	46.07	ppm	1.88	CH6N2	L	-52.36
1915	Monosodium titanate	60704-88-3	102.87	mg/m^3	4.20	NaTiO2	S	
1916	Montmorillonite	1318-93-0		mg/m^3			S clay	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1895	Molybdenum carbide	12011-97-1				8.2		04/14/04	04/10/14	07/16/12
1896	Molybdenum dioxide	18868-43-4						12/08/02	04/10/14	07/16/12
1897	Molybdenum disilicide	12136-78-6	2030			6.2		04/14/04	04/10/14	12/31/11
1898	Molybdenum hexacarbonyl	13939-06-5						10/11/05	06/10/14	12/31/11
1899	Molybdenum pentachloride	10241-05-1	268			2.93		10/11/05	04/11/14	12/31/11
1900	Molybdenum trioxide (Molybdenum(VI) oxide)	1313-27-5	1155			4.696		01/04/99	04/11/14	11/16/12
1901	Molybdenum(IV) sulfide	1317-33-5				4.80 @ 14°C		04/14/04	04/30/14	04/11/14
1902	Molybdic acid	7782-91-4						12/08/02	04/11/14	12/31/11
1903	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3						10/11/05	04/30/14	04/30/14
1904	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0				~3.5		01/04/99	04/11/14	07/17/12
1905	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	dec			2.498		01/04/99	04/30/14	04/30/14
1906	Molybdophosphoric acid	12026-57-2						10/11/05	04/11/14	12/31/11
1907	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4				1.62		04/14/04	04/11/14	12/31/11
1908	Monobutyl phosphite	16456-56-7						01/04/99	09/04/13	12/31/11
1909	Monochloroamine; (Chloramide)	10599-90-3						06/13/02	09/04/13	12/31/11
1910	Monochloropentafluoroethane; (CFC-115)	76-15-3	-37.7			1.5678 @ -42°C		06/13/02	09/04/13	12/31/11
1911	Monochlorophenyl ether	55398-86-2						05/13/15		
1912	Monocrotophos	6923-22-4	125	0.000007	25	1.22 @ 20°C		12/08/02	09/15/15	10/03/13
1913	**Monomethylamine; (Methylamine)**	**74-89-5**	-6.32	750	-6.6	0.656	49000	11/30/92	03/10/15	10/15/06
1914	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	87.5	75	32.9	0.874	25000	11/30/92	10/30/13	09/04/13
1915	Monosodium titanate	60704-88-3						12/30/95	09/04/13	12/31/11
1916	Montmorillonite	1318-93-0						10/11/05	09/04/13	07/17/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1917	Morpholine	110-91-8	87.14	ppm	3.56	C4H9NO	L	-4.9
1918	Morpholinepropanesulfonic acid, 4-	1132-61-2	209.29	mg/m^3	8.55	C7.H15.N.O4.S	S	
1919	Morpholino)ethanesulfonic acid monohydrate, 2-(N-	4432-31-9	195.26	mg/m^3	7.98	C6.H13.N.O4.S	S	243
1920	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4	114.12	mg/m^3	4.66	C4H6N2O2	S	174-176
1921	Mustard gas sulfoxide; (bis(2-Chloroethyl)sulfoxide)	5819-08-9	175.08	mg/m^3	7.16	C4.H8.C12.O.S		
1922	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1	284.54	ppm	11.63	C18-H36-O2		
1923	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	270.46	mg/m^3	11.05	C17-H34-O2	L	~3
1924	Nabumetone; (Relafen; 4-(6-Methoxy-2-naphthyl)-2-butanone)	42924-53-8	228.29	mg/m^3	9.33	C15H16O2	S	80
1925	Nadic methyl anhydride	25134-21-8	178.2	mg/m^3	7.28	C10.H10.O3	L	18
1926	Naphtha (coal tar); includes solvent naphtha, petroleum (64742-88-7), naphtha (petroleum) light aliphatic, rubber solvent (64742-89-8), heaevy catalytic cracked (64741-54-4), light straight run (64741-46-4), heavy aliphatic solvent (64742-96-7), high flash aromatic and aromatic solvent naphtha (64742-95-6)	8030-30-6	112	mg/m^3	4.58	[Unspecified]	S	
1927	Naphtha (petroleum),hydrotreated light	64742-49-0	112	mg/m^3	4.58	[Not specified]	L	
1928	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	171.27	mg/m^3	7.00	[Unspecified]	L	-71
1929	Naphthalenamine, 1-; (1-Naphthylamine)	134-32-7	143.19	mg/m^3	5.85	C10H9N	S	49.2
1930	Naphthalene	91-20-3	128.17	ppm	5.24	C10H8	S	80.26
1931	Naphthaleneacetamide, 1-	86-86-2	185.24	mg/m^3	7.57	C12H11NO	S	
1932	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4	452.30861	mg/m^3	18.49	C10.H7.Na3.O10.S3	S	
1933	Naphthenic acid, lead salt	61790-14-5	1578.52	mg/m^3	64.52	[Unspecified]	L	~0
1934	Naphthol, 1-	90-15-3	144.18	mg/m^3	5.89	C10.H8.O	S	96
1935	Naphthol, 2-	135-19-3	144.18	mg/m^3	5.89	C10.H8.O	S	122
1936	Naphthol-6-sulfonic acid, 6-; (Schaeffer's acid)	93-01-6	224.24	mg/m3	9.16	C10H8O4S	S	125

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1917	Morpholine	110-91-8	128.9	10.1	25	1.007 @ 20°C	14000	01/04/99	09/04/13	11/16/12
1918	Morpholinepropanesulfonic acid, 4-	1132-61-2	277-280					04/15/07	04/22/15	04/22/15
1919	Morpholino)ethanesulfonic acid monohydrate, 2-(N-	4432-31-9						10/11/05	09/14/15	09/14/15
1920	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4		0.00001	25			12/08/02	09/04/13	07/17/12
1921	Mustard gas sulfoxide; (bis(2-Chloroethyl)sulfoxide)	5819-08-9						07/11/07	09/04/13	07/17/12
1922	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1						12/08/02	03/10/15	12/31/11
1923	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	192.6 @ 20 mm	0.0000935	25	0.8532 @ 20°C		12/08/02	09/04/13	12/31/11
1924	Nabumetone; (Relafen; 4-(6-Methoxy-2-naphthyl)-2-butanone)	42924-53-8						08/21/96	09/04/13	12/31/11
1925	Nadic methyl anhydride	25134-21-8	143 @ 10 mm			1.232		04/14/04	09/04/13	12/31/11
1926	Naphtha (coal tar); includes solvent naphtha, petroleum (64742-88-7), naphtha (petroleum) light aliphatic, rubber solvent (64742-89-8), heaevy catalytic cracked (64741-54-4), light straight run (64741-46-4), heavy aliphatic solvent (64742-96-7), high flash aromatic and aromatic solvent naphtha (64742-95-6)	8030-30-6	~150 - variable	< 5		0.89 - variable		09/30/97	03/10/15	12/30/13
1927	Naphtha (petroleum),hydrotreated light	64742-49-0	-40°C			0.75 g/mL 20°C		08/02/13	01/02/14	08/02/13
1928	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	65 --> 230	0.49	68	0.77 @ 60°C		03/01/00	03/10/15	01/02/14
1929	Naphthalenamine, 1-; (1-Naphthylamine)	134-32-7	300.7	7.5x10-2	62	1.0228 @ 20°C		12/30/95	09/04/13	07/17/12
1930	Naphthalene	91-20-3	217.9	7.5x10-2	24.1	1.0253 @ 20°C	9000	12/30/95	04/10/14	08/22/12
1931	Naphthaleneacetamide, 1-	86-86-2	181 subl					08/07/98	09/04/13	12/31/11
1932	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4						10/11/05	09/04/13	12/31/11
1933	Naphthenic acid, lead salt	61790-14-5						01/04/99	09/04/13	01/19/12
1934	Naphthol, 1-	90-15-3	282.5	1.7	100	1.0989 @ 99°C		10/11/05	09/15/14	09/15/14
1935	Naphthol, 2-	135-19-3	286	10	145.5	0.581 @ 0°C		10/11/05	09/16/14	09/16/14
1936	Naphthol-6-sulfonic acid, 6-; (Schaeffer's acid)	93-01-6						05/13/15		

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1937	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9	247.22	mg/m^3	10.10	C10H8NaO4S		
1938	Naphthoquinone, 1,4-	130-15-4	158.15	mg/m^3	6.46	C10H6O2	S	128.5
1939	Naphthylamine, beta-	91-59-8	143.2	mg/m^3	5.85	C10H9N	S	113
1940	Naphthylthiourea, alpha-; (ANTU)	86-88-4	202.29	mg/m^3	8.27	C11H10N2S	S	198
1941	Neatsfoot oil; (Fats and glyceridic oils)	8002-64-0		mg/m^3			L	
1942	Neodecanoic acid	26896-20-8	172.3	mg/m^3	7.04	C10H20O2	L	
1943	Neodecanoic acid, calcium salt; (Calcium neodecanoate)	27253-33-4	382.5978	mg/m^3	15.64	C20.H38.Ca.O4	S	
1944	Neodymium	7440-00-8	144.24	mg/m^3	5.90	Nd	S	1016
1945	Neodymium bromide	13536-80-6	383.95	mg/m^3	15.69	Br3Nd	S	684
1946	Neodymium fluoride	13709-42-7	201.2352096	mg/m^3	8.22	Nd.F3	S	1377
1947	Neodymium hydroxide	16469-17-3	195.26	mg/m^3	7.98	Nd(OH)3	S	
1948	Neodymium nitrate	10045-95-1	330.26	mg/m^3	13.50	N3NdO9	S	
1949	Neodymium nitrate, pentahydrate	14517-29-4	438.35	mg/m^3	17.92	Nd.(N.O3)3.6(H2.O)	S hygr	
1950	Neodymium nitrite	z-0033	282.23	mg/m^3	11.54	Nd(NO2)3	S	
1951	Neodymium(III) chloride	10024-93-8	250.6	mg/m^3	10.24	Cl3Nd	S	759
1952	Neodymium(III) oxide	1313-97-9	336.48	mg/m^3	13.75	Nd2-O3	S	2233
1953	Neon	7440-01-9	20.18	ppm	0.82	Ne	G	-248.67
1954	Nickel	7440-02-0	58.69	mg/m^3	2.40	Ni	S	1455
1955	Nickel acetate tetrahydrate	6018-89-9	248.84	mg/m^3	10.17	C4H14O48Ni	S	250 dec
1956	Nickel aluminide	12003-78-0	79.67	mg/m^3	3.26	Ni.Al	S	
1957	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8	376.26	mg/m^3	15.38	C.H4.Ni3.O7.4H2O	S	
1958	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4	304.18	mg/m^3	12.43	Ni3.C.H4.O7	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1937	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9						10/11/05	05/13/15	12/31/11
1938	Naphthoquinone, 1,4-	130-15-4	subl.	0.0195	50	1.422 no temp		08/21/96	06/12/13	06/12/13
1939	Naphthylamine, beta-	91-59-8	306.2	2.56x10-4	25	1.65 @ 98°C		09/30/97	09/04/13	07/17/12
1940	Naphthylthiourea, alpha-; (ANTU)	86-88-4	400	0.000001	25			06/13/02	09/04/13	12/31/11
1941	Neatsfoot oil; (Fats and glyceridic oils)	8002-64-0						07/11/07	09/04/13	12/31/11
1942	Neodecanoic acid	26896-20-8						09/30/97	09/04/13	12/09/11
1943	Neodecanoic acid, calcium salt; (Calcium neodecanoate)	27253-33-4						09/02/08	09/04/13	02/08/12
1944	Neodymium	7440-00-8	3074	7.5x10-3	1322.3	7.01		07/11/07	09/04/13	12/21/11
1945	Neodymium bromide	13536-80-6	540? HC@P					08/07/98	10/25/13	09/04/13
1946	Neodymium fluoride	13709-42-7	2300			6.51		12/08/02	09/04/13	12/31/11
1947	Neodymium hydroxide	16469-17-3						12/08/02	11/20/13	11/20/13
1948	Neodymium nitrate	10045-95-1						09/30/97	09/04/13	12/31/11
1949	Neodymium nitrate, pentahydrate	14517-29-4						10/11/05	09/04/13	12/31/11
1950	Neodymium nitrite	z-0033						12/08/02	11/20/13	11/20/13
1951	Neodymium(III) chloride	10024-93-8	1600			4.13		07/09/97	09/04/13	12/31/11
1952	Neodymium(III) oxide	1313-97-9	3760			7.24		09/17/07	09/04/13	12/31/11
1953	Neon	7440-01-9	-245.9			1.204 @ BP		04/14/04	04/10/14	
1954	Nickel	7440-02-0	2913	7.5x10-3	1510	8.9		12/30/95	06/05/14	12/31/11
1955	Nickel acetate tetrahydrate	6018-89-9				1.74		10/11/05	06/05/14	11/16/12
1956	Nickel aluminide	12003-78-0						10/11/05	07/17/14	12/31/11
1957	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8						04/14/04	07/17/14	12/31/11
1958	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4				2.6		04/14/04	07/17/14	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1959	**Nickel carbonyl**	**13463-39-3**	170.73	ppm	6.98	C4NiO4	L	-19.3
1960	Nickel chloride; (Nickelous chloride)	7718-54-9	129.61	mg/m^3	5.30	Ni.Cl2	S deliq	1001 sealed tube
1961	Nickel cyanide	557-19-7	110.75	mg/m^3	4.53	Ni.C2N2	S	>200
1962	Nickel fluoride, tetrahydrate	13940-83-5	168.751	mg/m^3	6.90	F2.H8.Ni.O4	S	
1963	Nickel formate	3349-06-2	148.73	mg/m^3	6.08	C2H4NiO4	S	
1964	Nickel oxalate	547-67-1	146.71	mg/m^3	6.00	C2NiO4	L	
1965	Nickel oxide; (Nickel(II) oxide)	1313-99-1	74.69	mg/m^3	3.05	NiO	S	1957
1966	Nickel perchlorate	13637-71-3	365.685	mg/m^3	14.95	Ni.(Cl.O4)2-6(H2.O)	S	140
1967	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3	250.89	mg/m^3	10.25	Ni.H4.N2.O6.S2	L	
1968	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0	262.89	mg/m^3	10.74	H12NiO10S	S	~100 dec
1969	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	154.76	mg/m^3	6.33	NiO4S	S	840 dec
1970	Nickel(2+) stearate	2223-95-2	625.64	mg/m^3	25.57	C36.H70.Ni.O4	S	
1971	Nickel(II) bromide	13462-88-9	218.417	mg/m^3	8.93	Ni.Br2	S hygr	963
1972	Nickel(II) carbonate (1:1)	3333-67-3	118.72	mg/m^3	4.85	Ni.C.O3	S	dec
1973	Nickel(II) chloride hexahydrate	7791-20-0	237.73	mg/m^3	9.72	Cl2H12NiO6	S deliq	subl
1974	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7	92.71	mg/m^3	3.79	H2NiO2	S	230 dec
1975	Nickel(II) nitrate hexahydrate	13478-00-7	290.85	mg/m^3	11.89	H12N2NiO12	L	56 dec
1976	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	182	mg/m^3	7.44	N2NiO6	S	56.7
1977	Nickel(II) nitrite	17861-62-0	150.7	mg/m^3	6.16	Ni.(NO2)2	S	
1978	Nickel(II) phosphate	10381-36-9	366.01	mg/m^3	14.96	Ni3.(PO4)2	S	
1979	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3	109.74	mg/m^3	4.49	H3NiO3	S	230 dec
1980	Nicotinamide	98-92-0	122.14	mg/m^3	4.99	C6.H6.N2.O	S	129

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1959	**Nickel carbonyl**	**13463-39-3**	42.1	750	42	1.31	20000	11/30/92	06/05/14	11/16/12
1960	Nickel chloride; (Nickelous chloride)	7718-54-9	973 sublime			3.51		06/13/02	06/05/14	11/16/12
1961	Nickel cyanide	557-19-7				2.393		06/13/02	07/17/14	12/31/11
1962	Nickel fluoride, tetrahydrate	13940-83-5						10/11/05	07/17/14	12/31/11
1963	Nickel formate	3349-06-2				2.15		08/07/98	06/05/14	12/31/11
1964	Nickel oxalate	547-67-1						12/08/02	06/05/14	06/05/14
1965	Nickel oxide; (Nickel(II) oxide)	1313-99-1				6.72		08/21/96	06/05/14	06/05/14
1966	Nickel perchlorate	13637-71-3						10/11/05	06/05/14	06/05/14
1967	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3						04/14/04	06/05/14	12/31/11
1968	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0				2.031		08/07/98	06/05/14	06/05/14
1969	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	103			4.01		09/30/97	06/05/14	06/05/14
1970	Nickel(2+) stearate	2223-95-2						10/11/05	07/17/14	12/31/11
1971	Nickel(II) bromide	13462-88-9				5.1		04/14/04	06/05/14	12/31/11
1972	Nickel(II) carbonate (1:1)	3333-67-3				4.39		10/11/05	06/05/14	06/05/14
1973	Nickel(II) chloride hexahydrate	7791-20-0	987	1	671	3.55		08/07/98	07/18/14	06/05/14
1974	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7				4.1		09/30/97	07/18/14	07/18/14
1975	Nickel(II) nitrate hexahydrate	13478-00-7	136.7			2.05		09/30/97	06/05/14	12/31/11
1976	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	137			2.05 no temp		12/30/95	06/05/14	07/17/12
1977	Nickel(II) nitrite	17861-62-0						12/08/02	06/05/14	12/31/11
1978	Nickel(II) phosphate	10381-36-9						12/08/02	07/19/14	12/31/11
1979	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3				4.15		09/30/97	07/19/14	05/01/12
1980	Nicotinamide	98-92-0	157 @ 0.0005 mm	0.00042	25	1.4		10/11/05	09/04/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
1981	Nicotine sulfate	65-30-5	418.56	mg/m^3	17.11	C20H26N4.O4S	S	
1982	Nicotine, dl-beta-; (DL-Nicotine)	22083-74-5	417.48	mg/m^3	17.06	C10-H14-N2	S	-79
1983	Nicotine; (Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-); (Includes DL-Nicotine, 22083-74-5)	54-11-5	162.26	mg/m^3	6.63	C10H14N2	L	-79
1984	Nicotinic acid; (Niacin)	59-67-6	123.12	mg/m^3	5.03	C6.H5.N.O2	S	236
1985	Niobium	7440-03-1	92.1	mg/m^3	3.76	Nb	S	2468
1986	Niobium chloride	10026-12-7	270.16	mg/m^3	11.04	Cl5Nb	S	205.8
1987	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8	265.82	mg/m^3	10.86	Nb2O5	S	1500
1988	Niobium(IV) carbide	12069-94-2	104.92	mg/m^3	4.29	Nb.C	S	3500
1989	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4	230.9	mg/m^3	9.44	C6H3Cl4N	S	62-63
1990	Nitrate(s)	14797-55-8	62.005	mg/m^3	2.53	NO3	S	
1991	**Nitric acid**	**7697-37-2**	63.01	ppm	2.58	HNO3	L	-41.6
1992	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	119.12	ppm	4.87	C4.H9.N.O3	L	
1993	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	91.08	ppm	3.72	C2.H5.N.O3	L	-112
1994	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	133.17	ppm	5.44	C5.H11.N.O3	L	-123
1995	Nitric oxide	10102-43-9	30.01	ppm	1.23	NO	G	-163.3
1996	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6	235.12	mg/m^3	9.61	C6.H7.N.O6.2Na	S	>300
1997	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	275.101	mg/m^3	11.24	C6.H6.N.O6.3Na.H2.0	S	340
1998	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	191.16	mg/m^3	7.81	C6H9NO6	S	242 dec
1999	Nitrilotris(methylene)trisphosphonic acid; (Amino, tris[methylene phosphonic acid])	6419-19-8	299.07	mg/m^3	12.22	C3.H12.N.O9.P3	L	-14
2000	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	138.13	mg/m^3	5.65	C6H6N2O2	S	72
2001	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	138.13	mg/m^3	5.65	C6H6N2O2	S	114
2002	Nitroaniline, p-	100-01-6	138.12	mg/m^3	5.65	C6H6N2O2	S	147.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1981	Nicotine sulfate	65-30-5		0.00001	25	1.15 @ 20°C		12/08/02	11/19/12	11/19/12
1982	Nicotine, dl-beta-; (DL-Nicotine)	22083-74-5	247	0.038	25	1.0097 @ 20°C		06/13/02	09/04/13	12/31/11
1983	Nicotine; (Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-); (Includes DL-Nicotine, 22083-74-5)	54-11-5	247.3	0.038/1	25/61.8	1.0092 @ 20°C	7000	06/13/02	09/16/14	10/23/13
1984	Nicotinic acid; (Niacin)	59-67-6	subl.			1.473		10/11/05	09/04/13	09/04/13
1985	Niobium	7440-03-1	4742			8.57		07/02/08	09/04/13	12/31/11
1986	Niobium chloride	10026-12-7	247.4			2.75		01/04/99	09/04/13	01/25/12
1987	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8				4.6		08/07/98	09/04/13	07/17/12
1988	Niobium(IV) carbide	12069-94-2				7.7		04/15/07	09/04/13	12/31/11
1989	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4		0.003	22.5			06/13/02	11/19/12	11/19/12
1990	Nitrate(s)	14797-55-8						01/04/99	09/04/13	12/31/11
1991	**Nitric acid**	**7697-37-2**	83	75	28.4	1.5129 @ 20°C		11/30/92	02/12/15	02/12/15
1992	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	136			1.0228 @ 30°C		04/15/07	10/25/13	09/05/13
1993	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	87.7	64	25	1.004 @ 20°C	40000	10/11/05	03/10/15	12/31/11
1994	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	145			0.99		10/11/05	09/04/13	12/31/11
1995	Nitric oxide	10102-43-9	-151.74	750	-151.9	1.226		12/30/95	02/12/15	02/12/15
1996	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6						10/11/05	04/22/15	07/02/13
1997	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8				1.782		04/15/07	03/10/15	06/25/13
1998	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	167 @ 13 mmHg	7x10-9	25			01/04/99	07/02/13	07/02/13
1999	Nitrilotris(methylene)trisphosphonic acid; (Amino, tris[methylene phosphonic acid])	6419-19-8	105			1.33 @ 20°C		09/05/08	11/24/12	11/24/12
2000	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	284.5	0.00277	25	0.9015		12/08/02	03/10/15	09/10/14
2001	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	306.4	0.0000362	25	0.9011		12/08/02	09/10/14	09/10/14
2002	Nitroaniline, p-	100-01-6	332	7.5x10-3	87.8	1.424 @ 20°C		12/30/95	09/10/14	12/31/11

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2003	Nitrobenzene	98-95-3	123.11	ppm	5.03	C6H5NO2	L	5.7
2004	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4	225.16	mg/m^3	9.20	C6.H4.N.O5.Na	S	350
2005	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	199.21	mg/m^3	8.14	C12H9NO2	S	114
2006	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-Chloronitrobenzene)	121-73-3	157.56	mg/m^3	6.44	C6H4 ClNO2	S	46
2007	Nitrocyclohexane	1122-60-7	129.18	mg/m^3	5.28	C6H11NO2	L	-34
2008	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0	127.1	ppm	5.19	[C6H9-NO2]		
2009	Nitrodiphenylamine, 2-	119-75-5	214.24	mg/m^3	8.76	C12H10N2O2	S	75.5
2010	Nitroethane	79-24-3	75.08	ppm	3.07	C2H5NO2	L	-90
2011	Nitrogen	7727-37-9	28.02	ppm	1.15	N2	G	-210
2012	**Nitrogen dioxide**	**10102-44-0**	46.01	ppm	1.88	NO2	G	-9.3
2013	Nitrogen mustard hydrochloride	55-86-7	192.52	mg/m^3	7.87	C5H12Cl3N	S	111.5
2014	**Nitrogen mustard; (Bis(b-chloroethyl)methylamine; Nitrogen mustard-2)**	**51-75-2**	156.05	mg/m^3	6.38	C5H11Cl2N	L	-60
2015	**Nitrogen tetroxide**	**10544-72-6**	92.02	ppm	3.76	N2O4	G	-11.2
2016	**Nitrogen trifluoride**	**7783-54-2**	71.01	ppm	2.90	F3N	G	-206.79
2017	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	76.011	ppm	3.11	N2O3	G	-101.1
2018	Nitroglycerin	55-63-0	227.1	mg/m^3	9.28	C3H5N3O9	L	13.5
2019	Nitromethane	75-52-5	61.05	ppm	2.50	CH3NO2	L	-29
2020	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	64.06	ppm	2.62	C.D3.N.O2	L	
2021	Nitro-m-xylene, 2-; (1,3-Dimethyl-2-nitrobenzene)	81-20-9	151.18	mg/m^3	6.18	C8.H9.N.O2	S	15
2022	Nitronium Tetrafluoroborate	13826-86-3	132.82	mg/m^3	5.43	B.F4.N.O2	S	
2023	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	139.12	mg/m^3	5.69	C6H5NO3	S	45

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2003	Nitrobenzene	98-95-3	210.8	7.5x10-2	10	1.205 @ 15°C	18000	12/30/95	09/05/13	12/31/11
2004	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4						07/11/07	09/05/13	12/31/11
2005	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	340					09/30/97	09/05/13	09/05/13
2006	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-Chloronitrobenzene)	121-73-3	236	0.097	25	1.534 @ 20°C		06/13/02	09/05/13	01/12/12
2007	Nitrocyclohexane	1122-60-7	205.5	0.35	25	1.0610 @ 20°C		12/08/02	12/02/13	12/02/13
2008	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0						12/08/02	11/20/13	11/20/13
2009	Nitrodiphenylamine, 2-	119-75-5				1.36		03/01/00	11/18/13	11/18/13
2010	Nitroethane	79-24-3	114	20.8	25	1.046	34000	01/04/99	03/06/15	03/06/15
2011	Nitrogen	7727-37-9	-195.79			0.808 @ -195.8°C		04/15/07	04/10/14	06/08/09
2012	**Nitrogen dioxide**	**10102-44-0**	21.15	908	25	1.88		11/30/92	02/12/15	10/15/06
2013	Nitrogen mustard hydrochloride	55-86-7	87 @ 18mmHg			1.118		08/07/98	07/02/13	06/13/13
2014	**Nitrogen mustard; (Bis(b-chloroethyl)methylamine; Nitrogen mustard-2)**	**51-75-2**	87 @ 18 mmHg	0.17	25	1.118		09/30/97	03/10/15	12/31/11
2015	**Nitrogen tetroxide**	**10544-72-6**	21.15			1.493 @ 20°C		06/13/02	02/13/15	02/13/15
2016	**Nitrogen trifluoride**	**7783-54-2**	-129			2.9 g/L		08/07/98	02/17/15	01/22/10
2017	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	~ 3			1.4 @ 2°C		07/03/08	09/05/13	12/31/11
2018	Nitroglycerin	55-63-0	218 expl	7.5x10-3	48.6	1.5931 @ 20°C		09/30/97	01/22/14	07/20/12
2019	Nitromethane	75-52-5	101	35.8	25	1.38 @ 20°C	73000	01/04/99	02/08/13	02/08/12
2020	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	100			1.183		07/11/07	10/23/13	09/05/13
2021	Nitro-m-xylene, 2-; (1,3-Dimethyl-2-nitrobenzene)	81-20-9	226			1.112 @ 15°C		07/11/07	09/05/13	12/31/11
2022	Nitronium Tetrafluoroborate	13826-86-3						07/11/07	09/05/13	12/31/11
2023	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	214.5	1	49.3	1.495		01/10/01	10/06/14	10/06/14

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2024	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	139.12	mg/m^3	5.69	C6H5NO3	S	97
2025	Nitrophenol, 4-; (p-Nitrophenol); Includes 25154-55-6 (mixed isomers)	100-02-7	139.11	mg/m^3	5.69	C6H5NO3	S	113.6
2026	Nitropropane, 1-	108-03-2	89.09	ppm	3.64	C3H7NO2	L	-108
2027	Nitropropane, 2-	79-46-9	89.09	ppm	3.64	C3H7NO2	L	-91.3
2028	Nitropyrene, 1-	5522-43-0	247.26	mg/m^3	10.11	C16H9NO2	S	151-152
2029	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0	140.11	mg/m^3	5.73	C5H4N2O3	S	159-160
2030	Nitrosodimethylamine	62-75-9	74.08	mg/m^3	3.03	C2H6N2O	L	
2031	Nitrosodiphenylamine, p-	156-10-5	198.24	mg/m^3	8.10	C12H10N2O	S	144-145
2032	Nitrosodipropylamine; (DPNA)	621-64-7	130.22	mg/m^3	5.32	C6H14N2O		
2033	Nitrosomorpholine	59-89-2	116.12	mg/m^3	4.75	C4H8N2O2	S	29
2034	Nitroso-N-methylurea, N-	684-93-5	103.08	mg/m^3	4.21	C2H5N3O2	S	123 dec
2035	Nitrosophenol, p-	104-91-6	123.11	mg/m^3	5.03	C6H5NO2	S	144 dec
2036	Nitrosotoluene, 2-; (o-Nitrosotoluene)	611-23-4	121.15	mg/m^3	4.95	C7H7NO	S	72.5
2037	Nitrosyl chloride	2696-92-6	65.46	ppm	2.68	ClNO	G	-59.6
2038	Nitrosylsulfuric acid	7782-78-7	127.07	mg/m^3	5.19	H.N.O5.S	S	73.5 dec
2039	Nitrotoluene, m-	99-08-1	137.15	ppm	5.61	C7H7NO2	L	16
2040	Nitrotoluene, o-	88-72-2	137.15	ppm	5.61	C7H7NO2	L	-10
2041	Nitrotoluene, p-	99-99-0	137.14	ppm	5.61	C7H7NO2	S	51.63
2042	Nitrous acid	7782-77-6	47.01	mg/m^3	1.92	HNO2	L	
2043	Nitrous oxide	10024-97-2	44.01	ppm	1.80	N2O	G	-90.8
2044	Nonacosane	630-03-5	408.793	mg/m^3	16.71	C29.H60	S	
2045	Nonanal	124-19-6	142.27	mg/m^3	5.81	C9-H18-O	L	

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2024	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	194 @ 70 mm	0.1	25	1.485 @ 20°C		06/13/02	10/06/14	10/06/14
2025	Nitrophenol, 4-; (p-Nitrophenol); Includes 25154-55-6 (mixed isomers)	100-02-7		7.5x10-3	72.6	1.479 @ 20°C		12/30/95	07/09/13	07/08/13
2026	Nitropropane, 1-	108-03-2	131.1	7.5	20	0.9961	22000	09/30/97	09/10/14	11/26/12
2027	Nitropropane, 2-	79-46-9	120.2	7.5	10.7	0.9821	26000	12/30/95	03/10/15	01/23/13
2028	Nitropyrene, 1-	5522-43-0						06/13/02	01/24/13	12/31/11
2029	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0						06/13/02	09/05/13	07/23/12
2030	Nitrosodimethylamine	62-75-9	152	7.5	30.7	1.0048		09/30/97	09/05/13	11/26/12
2031	Nitrosodiphenylamine, p-	156-10-5						06/13/02	09/05/13	11/26/12
2032	Nitrosodipropylamine; (DPNA)	621-64-7	206			.92 @ 20°C		01/04/99	09/05/13	01/22/12
2033	Nitrosomorpholine	59-89-2	225					09/30/97	09/05/13	12/31/11
2034	Nitroso-N-methylurea, N-	684-93-5						09/30/97	06/19/13	06/19/13
2035	Nitrosophenol, p-	104-91-6						09/30/97	09/05/13	12/31/11
2036	Nitrosotoluene, 2-; (o-Nitrosotoluene)	611-23-4						09/30/97	10/03/13	10/03/13
2037	Nitrosyl chloride	2696-92-6	-5.5	>760		2.68 g/L		01/04/99	09/05/13	12/31/11
2038	Nitrosylsulfuric acid	7782-78-7				3		07/11/07	10/03/13	12/31/11
2039	Nitrotoluene, m-	99-08-1	231.9	0.27	25	1.1630 @ 15°C		06/13/02	03/10/15	11/26/12
2040	Nitrotoluene, o-	88-72-2	222.3	1	50	1.1622 @ 19°C/15°C		06/13/02	03/10/15	11/26/12
2041	Nitrotoluene, p-	99-99-0	238.3	0.164	25	1.1038 @ 75°C		09/30/97	03/10/15	11/26/12
2042	Nitrous acid	7782-77-6						12/08/02	04/22/15	04/22/15
2043	Nitrous oxide	10024-97-2	-88.48	750	-88.7	1.799		11/30/92	09/05/13	12/31/11
2044	Nonacosane	630-03-5						06/13/02	09/05/13	12/31/11
2045	Nonanal	124-19-6	190-192			0.820-0.830		12/08/02	09/05/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2046	Nonane; (Shellsol 140)	111-84-2	128.26	ppm	5.24	C9H20	L	-53.46
2047	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	139.27	ppm	5.69	C9-H17-N	L	-34.2
2048	Nonanoic acid	112-05-0	158.27	mg/m^3	6.47	C9.H18.O2	L	12
2049	Nonanone, 2-	821-55-6	142.27	ppm	5.81	C9-H18-O	L	-9
2050	Nonene, 1-	124-11-8	126.24	ppm	5.16	C9.H18	L	-81.3
2051	Nonoxynol-4	7311-27-5	396.57	mg/m^3	16.21	C23H40O5	L	
2052	Nonyl alcohol	143-08-8	144.29	mg/m^3	5.90	C9.H20.O	L	-5
2053	Nonyl phenol (mixed isomers)	25154-52-3	220.35	mg/m^3	9.01	C15H24O	L	-10
2054	Nonyl phenol, 4- (branched)	84852-15-3	220.39	mg/m^3	9.01	C15H24O	L	
2055	Nonyl phenol, p-	104-40-5	220.35	mg/m^3	9.01	C15H24O	L	42
2056	Nonylphenol, 4-, branched, ethoxylated	127087-87-0	396.63	mg/m^3	16.21	C23-H40-O5	L	
2057	Nonylphenoxypolyethoxyethanol	68412-54-4		mg/m^3		[Unspecified]	S	
2058	**Nonyltrichlorosilane**	**5283-67-0**	261.72	ppm	10.70	C9.H19.Cl3.Si	L	
2059	Norbormide	991-42-4	511.61	mg/m^3	20.91	C33H25N3O3	S	190-198
2060	Norchlorofluoroepibatidine	z-0034		mg/m^3		[Unknown]	L?	
2061	Novol ketone; (5-dithylamino-2-pentanone)	105-14-6	157.29	mg/m^3	6.43	C9H19NO	L	
2062	n-Propanol (Propyl alcohol, n-)	71-23-8	60.11	ppm	2.46	C3H8O	L	-127
2063	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-; (OCDD, Octachlorodibenzo-p-dioxin)	3268-87-9	459.72	mg/m^3	18.79	C12Cl8O2	S	330-332
2064	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0	443.72	mg/m^3	18.14	C12Cl8O	S	
2065	Octachloronaphthalene	2234-13-1	403.73	mg/m^3	16.50	C10Cl8	S	197.5
2066	Octacosane	630-02-4	394.77	ppm	16.13	C28.H58	S	57-62
2067	Octadecane, n-	593-45-3	254.50	ppm	10.40	C18.H38	S	28.2

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2046	Nonane; (Shellsol 140)	111-84-2	150.82	7.5	34	0.7192 @ 20°C		11/15/96	03/10/15	10/09/14
2047	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	224.4			0.8178 @ 20°C		12/08/02	05/13/14	05/13/14
2048	Nonanoic acid	112-05-0	254	0.00165	25	0.9055 @ 20°C		10/11/05	09/05/13	12/31/11
2049	Nonanone, 2-	821-55-6	194			0.832 @ 30°C	9000	12/08/02	09/05/13	09/05/13
2050	Nonene, 1-	124-11-8	146.9	5.4	25	0.7433		10/11/05	04/22/15	04/22/15
2051	Nonoxynol-4	7311-27-5						06/13/02	09/05/13	12/31/11
2052	Nonyl alcohol	143-08-8	213.5	0.0227	25	0.827 @ 20°C	8000	10/11/05	11/14/13	11/14/13
2053	Nonyl phenol (mixed isomers)	25154-52-3	293-297	2.36x10-5	25	0.950 @ 20°C	10000	07/09/97	10/25/13	12/31/11
2054	Nonyl phenol, 4- (branched)	84852-15-3						07/09/97	09/05/13	12/31/11
2055	Nonyl phenol, p-	104-40-5	~295			0.950 @ 20°C		07/09/97	09/05/13	12/31/11
2056	Nonylphenol, 4-, branched, ethoxylated	127087-87-0						01/04/99	09/05/13	09/05/13
2057	Nonylphenoxypolyethoxyethanol	68412-54-4						01/04/99	09/05/13	12/31/11
2058	**Nonyltrichlorosilane**	**5283-67-0**				1.072		09/05/08	02/12/15	
2059	Norbormide	991-42-4						12/08/02	09/05/13	11/27/12
2060	Norchlorofluoroepibatidine	z-0034						07/09/97	12/05/13	12/05/13
2061	Novol ketone; (5-dithylamino-2-pentanone)	105-14-6						05/13/15		
2062	n-Propanol (Propyl alcohol, n-)	71-23-8	97.19	10	14.7	0.8044	22000	01/04/99	03/10/15	12/05/12
2063	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-; (OCDD, Octachlorodibenzo-p-dioxin)	3268-87-9		8E-13	25			03/01/00	12/11/14	12/11/14
2064	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0						03/01/00	12/11/14	12/11/14
2065	Octachloronaphthalene	2234-13-1	441 @ 7mmHg	1.1x10-8	25	2.0		09/30/97	09/05/13	12/31/11
2066	Octacosane	630-02-4	440	<1	20			06/13/02	10/09/14	10/09/14
2067	Octadecane, n-	593-45-3	316.3			0.7768 @ 28°C		10/11/05	10/09/14	10/09/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2068	Octadecanoic acid, n-; (Stearic acid)	57-11-4	284.48	mg/m^3	11.63	C18H36O2	S	69.3
2069	Octadecanol, 1-	112-92-5	270.56	ppm	11.06	C18-H38-O	S	58
2070	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	282.52	mg/m^3	11.55	C18.H34.O2	L	16.3
2071	Octadecyl methacrylate	32360-05-7	338.5726	mg/m^3	13.84	C22.H42.O2	L	18-20
2072	**Octadecyltrichlorosilane**	**112-04-9**	387.99	ppm	15.86	C18.H37.Cl3.Si	L	
2073	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	200.03	ppm	8.18	C4F8	G	-41.4
2074	Octamethylcyclotetrasiloxane	556-67-2	296.68	ppm	12.13	C8-H24-O4-Si4	L	17.5
2075	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide, Schradan)	152-16-9	286.3	mg/m^3	11.70	C8H24N4O3P2	L	20-21
2076	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	128.24	mg/m^3	5.24	C8-H16-O	L	-23
2077	Octanamine, 1-	111-86-4	129.28	mg/m^3	5.28	C8.H19.N	L	
2078	Octane, n-	111-65-9	114.26	ppm	4.67	CH3.(CH2)6.CH3	L	
2079	Octanedione, 2,5-	3214-41-3	142	mg/m^3	5.80	C8H14O2	L	
2080	Octanenitrile	124-12-9	125.24	ppm	5.12	C8-H15-N	L	-45.6
2081	Octanethiol, 1-	111-88-6	146.21	ppm	5.98	C8.H18.S	L	-49.2
2082	Octanoic acid; (Caprylic acid)	124-07-2	144.24	mg/m^3	5.90	C8.H16.O2	L	17
2083	Octanol, 2-	123-96-6	130.26	mg/m^3	5.32	C8.H18.O	L	-31.6
2084	Octanone, 2-	111-13-7	128.24	mg/m^3	5.24	C8-H16-O	L	-16
2085	Octaphenylcyclotetrasiloxane	546-56-5	793.24	mg/m^3	32.42	C48.H40.O4.Si4	S	200.5
2086	**Octene, 1-**	**111-66-0**	112.22	ppm	4.59	C8H16	L	-101.7
2087	**Octyl alcohol; (n-Octanol)**	**111-87-5**	130.28	ppm	5.32	C8H18O	L	-14.8
2088	**Octyl mercaptan, t-**	**141-59-3**	146.32	ppm	5.98	C8.H18.S	L	
2089	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9	210.32	mg/m^3	8.60	C16-H18		

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2068	Octadecanoic acid, n-; (Stearic acid)	57-11-4	350 dec	7.5x10-2	153	0.9408 @ 20°C		09/30/97	09/06/13	09/06/13
2069	Octadecanol, 1-	112-92-5	202	0.0000026	25	0.8124 @ 59°C		12/08/02	03/10/15	07/23/12
2070	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	286 @ 100 mm	1	176.5	~0.895		10/11/05	09/05/13	12/31/11
2071	Octadecyl methacrylate	32360-05-7	195 @ 6mm			0.864		10/11/05	09/06/13	12/31/11
2072	**Octadecyltrichlorosilane**	**112-04-9**	160 @ 13	<5	20	0.984		06/25/07	02/09/15	06/25/07
2073	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	-6.04			1.513 @ -21°C		12/08/02	01/16/14	01/16/14
2074	Octamethylcyclotetrasiloxane	556-67-2	175			0.9558		12/08/02	03/10/15	11/18/14
2075	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide, Schradan)	152-16-9	154 @ 2 mm	0.001	25	1.09		12/08/02	06/19/13	02/06/13
2076	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	163.4	1.18	25	0.821 @ 20°C		12/08/02	09/06/13	12/31/11
2077	Octanamine, 1-	111-86-4	185-187			0.779 @ 20°C		10/11/05	09/06/13	12/31/11
2078	Octane, n-	111-65-9	125.8	10	19.2	0.7036	10000	06/13/02	03/10/15	08/26/14
2079	Octanedione, 2,5-	3214-41-3						03/01/00	11/18/13	11/18/13
2080	Octanenitrile	124-12-9	205.2			0.8136 @ 20°C		12/08/02	10/25/13	12/31/11
2081	Octanethiol, 1-	111-88-6	198.1	0.4245	25	0.8433 @ 20°C		07/11/07	09/06/13	12/31/11
2082	Octanoic acid; (Caprylic acid)	124-07-2	240			0.91 @ 20°C		10/11/05	09/06/13	12/31/11
2083	Octanol, 2-	123-96-6	179.3	0.242	25	0.8193 @ 20°C		10/11/05	07/09/13	07/09/13
2084	Octanone, 2-	111-13-7	172.5			0.820 @ 20°C		12/08/02	07/16/13	07/16/13
2085	Octaphenylcyclotetrasiloxane	546-56-5	330					10/11/05	09/06/13	12/31/11
2086	**Octene, 1-**	**111-66-0**	121.2	17.4	25	0.71	7000	01/04/99	03/10/15	
2087	**Octyl alcohol; (n-Octanol)**	**111-87-5**	194.5	0.0794	25	0.83 @ 20°C		08/07/98	07/12/12	06/23/10
2088	**Octyl mercaptan, t-**	**141-59-3**	154-166	5.20	25	0.848 @ 15.5°C		01/22/10		12/31/11
2089	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9						08/07/98	09/06/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2090	**Octyltrichlorosilane**	**5283-66-9**	246.69	ppm	10.08	C8.H17.Cl3.Si	L	
2091	Oil gas; (Oil fog)	z-0035	11.9	ppm	0.49	[Unspecified]	G	
2092	**Oleum; (fuming Sulfuric acid)**	**8014-95-7**	178.14	mg/m^3	7.28	H2O4S.O3S	L	
2093	Organorhodium complex	z-0036	300	mg/m^3	12.26	[Unspecified]	S	
2094	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	106.14	ppm	4.34	C4.H10.O3	L	15
2095	Osmium	7440-04-2	190.2	mg/m^3	7.77	Os	S	3033
2096	**Osmium tetroxide**	**20816-12-0**	254.23	ppm	10.39	O4Os	S	40.6
2097	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**	170	ppm	6.95			
2098	Ouabain	630-60-4	584.73	mg/m^3	23.90	C29H44O12	S	190
2099	Oxalic acid dihydrate	6153-56-6	126.1	mg/m^3	5.15	C2H6O6	S	189.5
2100	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	90.04	mg/m^3	3.68	C2H2O4	S	189.5 dec
2101	Oxalyl chlorine	79-37-8	126.93	ppm	5.19	Cl.C.O.CO.Cl	L	-16
2102	Oxamide	471-46-5	88.08	mg/m^3	3.60	C2.H4.N2.O2	S	350 dec
2103	Oxamyl	23135-22-0	219.29	mg/m^3	8.96	C7H13N3O3S	S	100-102
2104	Oxathiane, 1,4-	15980-15-1	104.18	ppm	4.26	C4H8OS	L	-17
2105	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	70.1	ppm	2.87	C4-H6-O	L	-135
2106	Oxone, monopersulfate compound	37222-66-5		mg/m^3			S	
2107	Oxybis(N,N-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	160.2588	ppm	6.55	C8H20N2O	L	
2108	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	134.09	mg/m^3	5.48	C4H6O5	S	148
2109	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	274.3	mg/m^3	11.21	C12.H18.O7	L	-4
2110	Oxydiphenoxarsine, 10,10'-; (Phenoxarsine oxide)	58-36-6	502.24	mg/m^3	20.53	C24H16As2O3	S	184-185
2111	Oxydisulfoton	2497-07-6	290.42	mg/m^3	11.87	C8H19O3PS3	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2090	**Octyltrichlorosilane**	**5283-66-9**	232			1.07 @ 20°C		09/05/08	02/12/15	09/05/08
2091	Oil gas; (Oil fog)	z-0035						12/08/02	11/14/13	11/14/13
2092	**Oleum; (fuming Sulfuric acid)**	**8014-95-7**						12/08/02	02/17/15	05/10/10
2093	Organorhodium complex	z-0036						12/08/02	07/10/14	07/10/14
2094	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	100.6			0.9676 @ 20°C		10/11/05	11/14/13	11/14/13
2095	Osmium	7440-04-2	5012			22.59		07/11/07	10/09/13	12/31/11
2096	**Osmium tetroxide**	**20816-12-0**	131.2	11	27	5.1		09/30/97	02/17/15	06/27/08
2097	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**						10/11/05	10/03/13	10/15/06
2098	Ouabain	630-60-4						06/13/02	09/06/13	09/06/13
2099	Oxalic acid dihydrate	6153-56-6	dec	0.54	105	1.653		09/30/97	05/26/15	05/26/15
2100	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	157 subl	0.54	105	1.9 @ 17°C		12/30/95	05/26/15	12/31/11
2101	Oxalyl chlorine	79-37-8	63.5			1.4785 @ 20°C		07/11/07	09/06/13	12/31/11
2102	Oxamide	471-46-5	419 dec			1.667 @ 20°C		04/15/07	09/06/13	12/31/11
2103	Oxamyl	23135-22-0	310	0.00023	25	0.98		12/08/02	09/06/13	12/31/11
2104	Oxathiane, 1,4-	15980-15-1	148.7			1.12 @ 20°C		01/04/99	03/10/15	12/31/11
2105	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	67			0.869		12/08/02	09/06/13	12/31/11
2106	Oxone, monopersulfate compound	37222-66-5						10/11/05	09/06/13	12/31/11
2107	Oxybis(N,N-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	80 @ 15mmHg					08/17/07	07/09/13	07/09/13
2108	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	dec					01/04/99	09/06/13	12/31/11
2109	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	162			1.14		10/11/05	10/03/13	10/03/13
2110	Oxydiphenoxarsine, 10,10'-; (Phenoxarsine oxide)	58-36-6	380 dec	0.00001	25	1.40-1.42		12/08/02	01/28/14	01/28/14
2111	Oxydisulfoton	2497-07-6	330	0.0035	25			12/08/02	11/28/12	11/28/12

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2112	**Oxygen difluoride; (Fluorine monoxide)**	**7783-41-7**	54	ppm	2.21	F2O	G	-223.8
2113	Ozone	10028-15-6	48	ppm	1.96	O3	G	-193
2114	Palladium	7440-05-3	106.42	mg/m^3	4.35	Pd	S	1554.8
2115	Palladium chloride (Palladium(II) chloride)	7647-10-1	177.33	mg/m^3	7.25	Cl2Pd	S crystals	678-680
2116	Palladium hydroxide	12135-22-7	140.43	mg/m^3	5.74	Pd(OH)2	S	
2117	Palladium nitrate	10102-05-3	230.42	mg/m^3	9.42	Pd. (N.O3)2	S hygr	dec.
2118	Palladium oxide	1314-08-5	122.42	mg/m^3	5.00	Pd.O	S	750 dec.
2119	Paraffin waxes, petroleum, clay-treated, reaction products with petroleum white mineral oil, stearic acid and triethanolamine	71808-29-2		mg/m^3		Cl8.H36.O2.C6.H15.N.O3	S	115
2120	Paraffin, n-	8002-74-2		mg/m^3		[Unspecified]	varies	47-65
2121	Paraformaldehyde	30525-89-4	30.03	mg/m^3	1.23	(CH2O)n	S	155
2122	Paraldehyde	123-63-7	132.16	mg/m^3	5.40	C6H12O3	L	12.6
2123	Paraquat	4685-14-7	186.25	mg/m^3	7.61	C12H14N2	S	
2124	Paraquat dichloride	1910-42-5	257.16	mg/m^3	10.51	C12H14Cl2N2	S	300 dec
2125	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2	408.48	mg/m^3	16.70	C12H4N2-2CH3-SO4	S	300
2126	**Parathion**	**56-38-2**	291.26	mg/m^3	11.90	C10H14NO5PS	L	6.1
2127	Paris Green; (Cupric acetoarsenite)	12002-03-8	1013.78	mg/m^3	41.43	C4-H6-As6-Cu4-O16	S	
2128	PBX (mixture of HMX and nitrocellulose [CTN])	z-0038	450	mg/m^3	18.39	.25HMX+.75CTN	S	
2129	**Pentaborane**	**19624-22-7**	63.14	ppm	2.58	B5H9	L	-46.6
2130	Pentachlorobenzene	608-93-5	250.34	mg/m^3	10.23	C6HCl5	S	86
2131	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6	340.4	mg/m^3	13.91	C12H3Cl5O	S	
2132	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4	340.4	mg/m^3	13.91	C12H3Cl5O		196-196.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2112	**Oxygen difluoride; (Fluorine monoxide)**	**7783-41-7**	-144.8	760	-144.6	1.90 @ -224°C		12/08/02	02/12/15	09/25/14
2113	Ozone	10028-15-6	-111.35	750	-111.5	1.962		11/30/92	10/25/13	12/31/11
2114	Palladium	7440-05-3	2963	7.5x10-3	1448	12		12/30/95	07/23/12	07/23/12
2115	Palladium chloride (Palladium(II) chloride)	7647-10-1				4		01/04/99	09/06/13	01/16/12
2116	Palladium hydroxide	12135-22-7						12/08/02	11/20/13	11/20/13
2117	Palladium nitrate	10102-05-3						05/24/10	09/06/13	12/31/11
2118	Palladium oxide	1314-08-5				8.3		05/24/10	09/06/13	01/17/12
2119	Paraffin waxes, petroleum, clay-treated, reaction products with petroleum white mineral oil, stearic acid and triethanolamine	71808-29-2	360			1.65		04/14/04	10/07/13	12/31/11
2120	Paraffin, n-	8002-74-2				~0.90		12/30/95	10/07/13	07/23/12
2121	Paraformaldehyde	30525-89-4	decomp			1.46 @ 15°C	70000	06/13/02	03/10/15	12/31/11
2122	Paraldehyde	123-63-7	124.3	7.5	17	0.9943 @ 20°C	13000	12/30/95	09/06/13	07/23/12
2123	Paraquat	4685-14-7	175-180 dec	~0	20	1.24 @ 20°C		09/30/97	07/23/12	07/23/12
2124	Paraquat dichloride	1910-42-5						08/07/98	11/19/14	11/19/14
2125	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2		0.0000001	25			06/13/02	09/06/13	12/31/11
2126	**Parathion**	**56-38-2**	375	6.68x10-6	20	1.2681 @ 20°C		12/30/95	02/13/15	12/31/11
2127	Paris Green; (Cupric acetoarsenite)	12002-03-8		0.00001	25			12/08/02	01/28/14	01/28/14
2128	PBX (mixture of HMX and nitrocellulose [CTN])	z-0038						12/08/02	05/13/15	05/13/15
2129	**Pentaborane**	**19624-22-7**	60	170	25	0.61 @ 0°C	4200	04/15/07	08/27/15	08/27/15
2130	Pentachlorobenzene	608-93-5	277	0.0065	25	1.8342 @ 16°C		12/30/95	09/06/13	01/19/12
2131	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6						03/01/00	12/11/14	12/11/14
2132	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4		2.63x10-9	25			09/30/97	12/11/14	12/11/14

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2133	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	356.4	mg/m^3	14.57	C12H3Cl5O2	S	240-241
2134	Pentachloroethane	76-01-7	202.29	mg/m^3	8.27	C2HCl5	L	-28.78
2135	Pentachloronitrobenzene	82-68-8	295.34	mg/m^3	12.07	C6Cl5NO2	S	144
2136	Pentachlorophenol	87-86-5	266.34	mg/m^3	10.89	C6HCl5O	S	174
2137	Pentadecafluorooctanoic acid	335-67-1	414.09	mg/m^3	16.92	C8.H.F15.O2	S	55-56
2138	Pentadecane	629-62-9	212.47	ppm	8.68	C15H32	L	9.9
2139	Pentadecanoic acid	1002-84-2	242.45	ppm	9.91	C15-H30-O2	S	53
2140	Pentadecylamine	2570-26-5	227.49	mg/m^3	9.30	C15H33N	S	36.5
2141	Pentaerythritol	115-77-5	136.17	mg/m^3	5.57	C5H12O4	S	258
2142	Pentaerythritol tetra(3-mercaptopropionate), reaction products with 2-(hydroxymethyl)-2-((3-mercapto-1-oxopropoxy)methyl)-1,3-propanediyl bis(3-mercaptopropanoate) and 1-octene	95823-35-1	1001.3772	mg/m^3	40.93	C17.H28.O8.S4.C14.H24.O7.S3.C8.H16	S	
2143	Pentaerythritol tetranitrate	78-11-5	316.17	mg/m^3	12.92	C5H8N4O12	S	138-140
2144	Pentafluorobenzoic acid	602-94-8	212.08	mg/m^3	8.67	C7.H.F5.O2	S	107
2145	Pentafluoropropane, 1,1,1,3,3-	460-73-1	134.06	ppm	5.48	C3.H3.F5	G	
2146	Pentane, n-	109-66-0	72.17	ppm	2.95	C5H12	L	-129.8
2147	Pentanediol, 1,5-	111-29-5	104.17	mg/m^3	4.26	C5.H12.O2	L	-18
2148	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	100.13	ppm	4.09	C5.H8.O2	L	-23.2
2149	Pentanenitrile; (Valeronitrile)	110-59-8	83.15	ppm	3.40	C5-H9-N	L	-96.2
2150	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	86.15	ppm	3.52	C5H10O	L	
2151	Pentanone, 3-; (Diethyl ketone)	96-22-0	86.15	ppm	3.52	C5.H10.O	L	-42
2152	Pentatriacontane	630-07-9	492.9538	mg/m^3	20.15	C35.H72	S	
2153	Pentene, 1-	109-67-1	70.13	ppm	2.87	C5H10	L	-165.2

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2133	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4						09/30/97	12/11/14	12/11/14
2134	Pentachloroethane	76-01-7	162	7.5	37.4	1.6796 @ 20°C		12/30/95	09/06/13	07/24/12
2135	Pentachloronitrobenzene	82-68-8	328 dec	5x10-5	20	1.718		12/30/95	09/06/13	12/31/11
2136	Pentachlorophenol	87-86-5	310 dec	1.10x10-4	25	1.978 @ 22°C		12/30/95	04/10/14	04/10/14
2137	Pentadecafluorooctanoic acid	335-67-1	189	0.15	20	1.792 @ 20°C		10/11/05	08/16/13	08/16/13
2138	Pentadecane	629-62-9	270.6	0.0034	35	0.7685 @ 20°C		12/08/02	03/10/15	12/31/11
2139	Pentadecanoic acid	1002-84-2	257 @ 100 MM					12/08/02	09/06/13	12/31/11
2140	Pentadecylamine	2570-26-5	307.6	0.0003	25			12/08/02	11/14/13	12/31/11
2141	Pentaerythritol	115-77-5	subl	2.53x10-8	25	1.55		01/04/99	09/06/13	12/31/11
2142	Pentaerythritol tetra(3-mercaptopropionate), reaction products with 2-(hydroxymethyl)-2-((3-mercapto-1-oxopropoxy)methyl)-1,3-propanediyl bis(3-mercaptopropanoate) and 1-octene	95823-35-1						07/11/07	09/06/13	12/31/11
2143	Pentaerythritol tetranitrate	78-11-5	205-215 expl	1.36x10-7	25	1.773 @ 20°C		08/07/98	09/06/13	12/08/11
2144	Pentafluorobenzoic acid	602-94-8	220					07/11/07	10/10/13	12/31/11
2145	Pentafluoropropane, 1,1,1,3,3-	460-73-1	15.3	935	20	1.32		10/11/05	07/09/13	07/09/13
2146	Pentane, n-	109-66-0	36.1	514	25	0.62 @ 20°C	15000	08/07/98	03/10/15	04/21/14
2147	Pentanediol, 1,5-	111-29-5	239	<0.01	20	0.994 @ 20°C		10/11/05	09/06/13	12/31/11
2148	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	139			0.9721		04/14/04	03/10/15	05/30/13
2149	Pentanenitrile; (Valeronitrile)	110-59-8	141.3			0.8008 @ 20°C		12/08/02	06/19/13	02/08/13
2150	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	102			0.801-0.806	15000	01/04/99	09/16/14	11/28/12
2151	Pentanone, 3-; (Diethyl ketone)	96-22-0	101			0.8159 @ 19°C	16000	10/11/05	09/16/14	02/08/13
2152	Pentatriacontane	630-07-9						06/13/02	09/06/13	12/31/11
2153	Pentene, 1-	109-67-1	29.9	635	25	0.6405 @ 20°C	15000	06/13/02	03/10/15	12/31/11

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2154	Pentobarbital sodium; (Nembutal sodium)	57-33-0	249.3	mg/m^3	10.19	C11H18N2O3.Na	L	130
2155	Peptone; (Hydrolized protein, Tryptones)	73049-73-7		mg/m^3			S	
2156	**Peracetic acid**	**79-21-0**	76.06	mg/m^3	3.11	C2H4O3	L	-0.2
2157	Perboric acid, sodium salt	7632-04-4	82.81	mg/m^3	3.38	BHNaO3	S crystals	60 dec
2158	Perchloric acid	7601-90-3	100.46	ppm	4.11	ClHO4	L	-112
2159	Perchloric acid, zinc salt, hexahydrate	10025-64-6	372.39	mg/m^3	15.22	Cl2.O8-Zn-6(H2.O)	S	105-107
2160	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	165.83	ppm	6.78	C2Cl4	L	-22.3
2161	**Perchloromethyl mercaptan**	**594-42-3**	185.89	ppm	7.60	CCl4S	L	
2162	**Perchloryl fluoride; (Chlorine oxyfluoride)**	**7616-94-6**	102.45	ppm	4.19	ClFO3	G	-146
2163	Percoll	65455-52-9		mg/m^3				
2164	Perfluoro compounds, C5-C18; (Fluorinert electronic liquid perfluoro compounds); includes 60164-51-4 and 69991-67-9	86508-42-1		mg/m^3		[Unspecified]	L	
2165	**Perfluoroisobutylene; (Octafluoro-sec-butene)**	**382-21-8**	200.03	ppm	8.18	C4F8	G	-130
2166	Periodic acid	10450-60-9	227.9404	mg/m^3	9.32	H5.I.O6	L	
2167	Periodic acid, sodium salt	7790-28-5	213.89	mg/m^3	8.74	Na.I.O4	S	300
2168	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3		mg/m^3		[Unspecified]	S amor	
2169	Permafluor E+	z-0039		mg/m^3		Mixture	L	-50
2170	Permafluor-V (85+% toluene)	z-0040	85	ppm	3.47	Mixture	L	
2171	Peroxydicarbonic acid, disodium salt	3313-92-6	168.02	mg/m^3	6.87	C2H2Na2O6		
2172	Petrolatum	8009-03-8		mg/m^3			S	38-54
2173	Petroleum asphalt; (Bitumen)	8052-42-4		mg/m^3		[Unspecified]	S or L	
2174	Petroleum coke, calcined	64743-05-1		mg/m^3		unspecified	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2154	Pentobarbital sodium; (Nembutal sodium)	57-33-0						06/13/02	09/09/13	12/31/11
2155	Peptone; (Hydrolized protein, Tryptones)	73049-73-7						04/14/04	09/09/13	12/31/11
2156	**Peracetic acid**	**79-21-0**	110	14.5	25	1.23 @ 15°C		03/01/00	08/27/15	10/11/05
2157	Perboric acid, sodium salt	7632-04-4						10/11/05	09/09/13	01/16/12
2158	Perchloric acid	7601-90-3	~90 dec			1.77		09/30/97	09/09/13	12/08/11
2159	Perchloric acid, zinc salt, hexahydrate	10025-64-6	200 dec			2.252		10/11/05	09/09/13	12/31/11
2160	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	121.3	7.5	10	1.623 @ 20°C		11/30/92	03/10/15	10/11/05
2161	**Perchloromethyl mercaptan**	**594-42-3**	149	3	20	1.6947 @ 20°C		03/01/00	02/12/15	10/11/05
2162	**Perchloryl fluoride; (Chlorine oxyfluoride)**	**7616-94-6**	-46.8	8943.9	25	1.434 (L)		12/08/02	02/12/15	09/29/10
2163	Percoll	65455-52-9						10/11/05	09/09/13	12/31/11
2164	Perfluoro compounds, C5-C18; (Fluorinert electronic liquid perfluoro compounds); includes 60164-51-4 and 69991-67-9	86508-42-1	102	31	20	1.8		04/14/04	01/20/14	01/20/14
2165	**Perfluoroisobutylene; (Octafluoro-sec-butene)**	**382-21-8**	7	2.56x10+3	25	1.5922 @ 0°C		12/30/95	02/17/15	12/31/11
2166	Periodic acid	10450-60-9						04/14/04	09/09/13	09/09/13
2167	Periodic acid, sodium salt	7790-28-5	dec			3.865		10/11/05	09/09/13	12/31/11
2168	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3				0.13		07/09/97	09/09/13	12/31/11
2169	Permafluor E+	z-0039	150	5		0.9		01/10/01	09/09/13	11/26/12
2170	Permafluor-V (85+% toluene)	z-0040		22	20	0.86		06/13/02	04/22/15	04/22/15
2171	Peroxydicarbonic acid, disodium salt	3313-92-6						01/04/99	09/09/13	12/31/11
2172	Petrolatum	8009-03-8				0.820-0.865		07/11/07	07/22/13	07/22/13
2173	Petroleum asphalt; (Bitumen)	8052-42-4	>700ºF	0.018 lb/sq in	210	1.00 - 1.18		09/30/97	01/02/14	01/02/14
2174	Petroleum coke, calcined	64743-05-1						10/11/05	01/02/14	01/02/14

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2175	Petroleum distillates; petroleum ether; includes clay-treated light naphthenic [64742-45-6]; low boiling [68477-31-6]; petroleum extracts [64742-06-9]; petroleum base oil [64742-46-7]; petroleum 50 thinner, petroleum spirits [64475-85-0], Soltrol, VM&P naphtha [8032-32-4]; Ligroine, and paint solvent; petroleum paraffins C5-C20 [64771-72-8]; hydrotreated light naphthenic [64742-53-6]; solvent refined light naphthenic [64741-97-5]; and machine coolant 1	8002-05-9		mg/m^3		[Unspecified]		
2176	Phenacetin; (p-Acetophenetidide)	62-44-2	179.22	mg/m^3	7.32	C10H13NO2	S	134
2177	Phenaglycodol; (Ultran; 2-p-Chlorophenyl-3-methyl-2,3-butanediol)	79-93-6	214.71	mg/m^3	8.78	C11H15ClO2	S	
2178	Phenanthrene	85-01-8	178.23	mg/m^3	7.28	C14H10	S	99.24
2179	Phenanthroline ferrous sulfate, 1,10-	14634-91-4	692.56	mg/m^3	28.31	C36H24FeN6O4S	S	
2180	Phenanthroline, 1,10-	66-71-7	180.22	mg/m^3	7.37	C12H8N2	S	117
2181	**Phenol**	**108-95-2**	94.11	ppm	3.85	C6H6O	S	40.89
2182	Phenol red, sodium salt	34487-61-1	376.36	mg/m^3	15.38	C19.H13.Na.O5.S	S	285
2183	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4		mg/m^3		(C6.H6.O. .C.H2.O)x	L	
2184	Phenolphthalein	77-09-8	318.34	mg/m^3	13.01	C20H14O4	S	258-262
2185	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	138.18	ppm	5.65	C8.H10.O2	L	14
2186	**Phenyl Chloroformate; (Carbonochloridic acid, phenyl ester)**	**1885-14-9**	156.57	ppm	6.40	C7H5ClO2	L	
2187	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	222.93	mg/m^3	9.11	C6.H5.As.Cl2	L	-15.6
2188	Phenyl ether; (Diphenyl ether)	101-84-8	170.22	ppm	6.96	C12.H10.O	S	37-39
2189	**Phenyl isocyanate**	**103-71-9**	119.13	ppm	4.87	C7.H5.N.O	L	-30
250	**Phenyl mercaptan; (benzenethiol,thiophenol)**	**108-98-5**	110.18	ppm	4.50	C6H6S	L	-14.8
2190	Phenyl-1,2-propanedione, 1-	579-07-7	148.16	mg/m^3	6.06	C9H8O2	L	<20
2191	Phenyl-2-oxazoline, 2-	7127-19-7	147.17	ppm	6.02	C9.H9.N.O	L	12

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2175	Petroleum distillates; petroleum ether; includes clay-treated light naphthenic [64742-45-6]; low boiling [68477-31-6]; petroleum extracts [64742-06-9]; petroleum base oil [64742-46-7]; petroleum 50 thinner, petroleum spirits [64475-85-0], Soltrol, VM&P naphtha [8032-32-4]; Ligroine, and paint solvent; petroleum paraffins C5-C20 [64771-72-8]; hydrotreated light naphthenic [64742-53-6]; solvent refined light naphthenic [64741-97-5]; and machine coolant 1	8002-05-9				0.78 - 0.97		09/30/97	03/24/15	03/24/15
2176	Phenacetin; (p-Acetophenetidide)	62-44-2	242-245	6.29x10-7	25			12/30/95	09/09/13	07/24/12
2177	Phenaglycodol; (Ultran; 2-p-Chlorophenyl-3-methyl-2,3-butanediol)	79-93-6						12/30/95	09/09/13	12/31/11
2178	Phenanthrene	85-01-8	340	7.5x10-3	53	0.9800 @ 4°C		09/30/97	03/10/15	12/31/11
2179	Phenanthroline ferrous sulfate, 1,10-	14634-91-4						01/10/01	02/19/14	12/31/11
2180	Phenanthroline, 1,10-	66-71-7	> 300					04/15/07	09/09/13	09/09/13
2181	**Phenol**	**108-95-2**	181.87	0.75	34.1	1.0545 @ 45°C	18000	11/30/92	03/10/15	
2182	Phenol red, sodium salt	34487-61-1						07/11/07	10/10/13	10/10/13
2183	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4	>245	<20	20	1.22		10/11/05	09/18/13	09/18/13
2184	Phenolphthalein	77-09-8				1.299		01/10/01	09/09/13	12/31/11
2185	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	242	0.03	25	1.11 @ 20°C		07/11/07	02/06/13	02/06/13
2186	**Phenyl Chloroformate; (Carbonochloridic acid, phenyl ester)**	**1885-14-9**	187-189	63.074	20	1.244		07/11/07	02/17/15	12/31/11
2187	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	254.4	0.021	20	1.654 @ 20°C		12/08/02	02/17/15	11/26/12
2188	Phenyl ether; (Diphenyl ether)	101-84-8	259			1.0728 @ 20°C	7000	04/14/04	09/09/13	12/31/11
2189	**Phenyl isocyanate**	**103-71-9**	158-168	1	10.6	1.0956 @ 19.6°C		07/11/07	08/27/15	08/27/15
250	**Phenyl mercaptan; (benzenethiol,thiophenol)**	**108-98-5**	169.5	2	25	1.073		06/13/02	02/09/15	08/17/07
2190	Phenyl-1,2-propanedione, 1-	579-07-7	222			1.007 @ 20°C/4°C		03/01/00	09/09/13	12/31/11
2191	Phenyl-2-oxazoline, 2-	7127-19-7	75			1.118		07/11/07	09/09/13	12/09/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2192	Phenyl-2-propanol, 2-; (Dimethylphenylmethanol)	617-94-7	136.21	ppm	5.57	C9H12O	S	35-37
2193	Phenylacetylene; (Ethynylbenzene)	536-74-3	102.14	mg/m^3	4.17	C8.H6	L	-45
2194	Phenylazo)aniline, p-(	60-09-3	197.26	mg/m^3	8.06	C12H11N3	S	126
2195	Phenylboric acid; (Benzeneboronic acid)	98-80-6	121.94	mg/m^3	4.98	C6H7BO2	S	
2196	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	160.28	mg/m^3	6.55	C12.H16	L	7-8
2197	Phenylene diisocyanate, 1,4-	104-49-4	160.14	mg/m^3	6.55	C8H4N2O2	S	
2198	Phenylenediamine dihydrochloride, 1,2-	615-28-1	181.06	mg/m^3	7.40	C6H9Cl2N2		
2199	Phenylenediamine dihydrochloride, 1,4-	624-18-0	181.06	mg/m^3	7.40	C6H9Cl2N2	S	
2200	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	108.16	mg/m^3	4.42	C6H8N2	S/L	104
2201	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	108.16	mg/m^3	4.42	C6H8N2	S/L	65
2202	Phenylenediamine, 1,4-; (p-Phenylenediamine)	106-50-3	108.14	mg/m^3	4.42	C6H8N2	S	141.1
2203	Phenylhydrazine	100-63-0	108.16	ppm	4.42	C6H8N2	L	19.6
2204	Phenylhydrazine hydrochloride	59-88-1	144.62	mg/m^3	5.91	C6H8N2.ClH	S/L	250-254
2205	Phenylmagnesium bromide	100-58-3	181.31	mg/m^3	7.41	C6.H5.Mg.Br	S	
2206	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4	336.74	mg/m^3	13.76	C8H8HgO2	S	153
2207	Phenylphenol, 2-	90-43-7	170.21	mg/m^3	6.96	C12H10O	S	57.5
2208	Phenylphosphine	638-21-1	110.1	ppm	4.50	C6-H7-P	L	
2209	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6	187.69	mg/m^3	7.67	C9.H13.N.O.Cl.H	S	194
2210	Phenylsilatrane	2097-19-0	251.39	mg/m^3	10.27	C12H17NO3Si	S	208-209
2211	Phenylthiourea; (1-Phenyl-2-thiourea)	103-85-5	152.22	mg/m^3	6.22	C7H8N2S	S	154
2212	Phenyltriethoxysilane	780-69-8	240.41	mg/m^3	9.83	C12.H20.O3.Si	L	
2213	Phenyltrimethoxysilane	2996-92-1	198.32	mg/m^3	8.11	C9.H24.O3.Si	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2192	Phenyl-2-propanol, 2-; (Dimethylphenylmethanol)	617-94-7	202	0.52	37	0.9735 @ 20°C		12/08/02	09/09/13	12/31/11
2193	Phenylacetylene; (Ethynylbenzene)	536-74-3	142	17.6	37.7	0.94		07/11/07	09/09/13	12/31/11
2194	Phenylazo)aniline, p-(	60-09-3	360					01/10/01	09/09/13	07/24/12
2195	Phenylboric acid; (Benzeneboronic acid)	98-80-6	219					08/07/98	09/09/13	12/31/11
2196	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	240	1	67.5	0.938		10/11/05	09/09/13	12/31/11
2197	Phenylene diisocyanate, 1,4-	104-49-4						06/13/02	09/09/13	12/31/11
2198	Phenylenediamine dihydrochloride, 1,2-	615-28-1	250 dec					06/13/02	09/18/14	07/24/12
2199	Phenylenediamine dihydrochloride, 1,4-	624-18-0						06/13/02	09/18/14	12/31/11
2200	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	257				15000	06/13/02	09/16/14	07/24/12
2201	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	287	1	99.8	1.139		06/13/02	09/16/14	07/24/12
2202	Phenylenediamine, 1,4-; (p-Phenylenediamine)	106-50-3	267	<1	21	>1 no temp		09/30/97	03/10/15	07/24/12
2203	Phenylhydrazine	100-63-0	243.5	0.026	25	1.0978 @ 20°C		06/13/02	10/23/13	02/16/12
2204	Phenylhydrazine hydrochloride	59-88-1	decom					06/13/02	01/25/13	11/26/12
2205	Phenylmagnesium bromide	100-58-3						04/15/07	10/10/13	12/31/11
2206	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4		6.0x10-6	20			09/30/97	05/12/14	12/31/11
2207	Phenylphenol, 2-	90-43-7	286	2.0x10-3	25	1.213		09/30/97	09/09/13	12/31/11
2208	Phenylphosphine	638-21-1	160-161			1.001 @ 16°C		12/08/02	09/09/13	12/31/11
2209	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6						04/15/07	09/09/13	01/22/12
2210	Phenylsilatrane	2097-19-0	350	0.00001	25			12/08/02	11/26/12	11/26/12
2211	Phenylthiourea; (1-Phenyl-2-thiourea)	103-85-5				1.3		12/30/95	11/26/12	11/26/12
2212	Phenyltriethoxysilane	780-69-8	232-233			1.00 @ 20°C		10/11/05	09/09/13	12/31/11
2213	Phenyltrimethoxysilane	2996-92-1	110 @ 20 mm			1.062		04/15/07	09/09/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2214	Phenylxylylethane; (PXE)	6196-95-8	210.32	mg/m^3	8.60	C16H18	L	
2215	Phloroglucinol dihydrate	6099-90-7	162.16	mg/m^3	6.63	C6.H6.O3.2(H2.O)	S	217
2216	**Phorate**	**298-02-2**	260.39	mg/m^3	10.64	C7H17O2PS3	L	-42.9
2217	Phosacetim	4104-14-7	375.22	mg/m^3	15.34	C14H13Cl2N2O2PS	S	104-106
2218	Phosfolan	947-02-4	255.31	mg/m^3	10.43	C7H14NO3PS2	S	39.5
2219	**Phosgene**	**75-44-5**	98.92	ppm	4.04	CCl2O	G	-127.78
2220	**Phosgene oxime**	**1794-86-1**	113.9	mg/m^3	4.66	CHCl2NOH	S	
2221	Phosmet	732-11-6	317.33	mg/m^3	12.97	C11H12NO4PS2	S	71.9
2222	Phosphamidon; (Famfos)	13171-21-6	299.72	mg/m^3	12.25	C10H19ClNO5P	L	-45
2223	**Phosphine**	**7803-51-2**	34	ppm	1.39	H3P	G	-133.8
2224	Phosphomolybdic acid	11104-88-4	159.92	mg/m^3	6.54	H-O.Mo.O.P	S	
2225	Phosphonic acid	13598-36-2	82	mg/m^3	3.35	H3.O3.P	S hygr	73.8
2226	Phosphonic acid, dioctadecyl ester	19047-85-9	585.96	mg/m^3	23.95	C36-H75-O3P	S	
2227	Phosphonic acid, methyl-, mono(1-methylethyl) ester; (Isopropyl methylphosphonic acid)	1832-54-8	138.10	mg/m^3	5.64	C4.H11.O3.P	L	
2228	Phosphonic acid, tridodecyl ester	3076-63-9	587.08	mg/m^3	23.99	C36-H75-O3-P	S	
2229	Phosphonoacetic acid	4408-78-0	140.04	mg/m^3	5.72	C2.H5.O5.P	L	
2230	**Phosphoric acid**	**7664-38-2**	98	mg/m^3	4.01	H3O4P	L	42.4
2231	Phosphoric acid, dimethyl-p-(methylthio)phenyl ester	3254-63-5	248.25	mg/m^3	10.15	C9H13O4PS	L	
2232	Phosphorodifluoridic acid, ethyl ester; (Ethyl phosphorodifluoridate)	460-52-6	130.04	mg/m3	5.31	C2.H5.F2.O2.P	L	
2233	Phosphorodifluoridic acid, methyl ester	22382-13-4	116.00	mg/m3	4.74	C.H3.F2.O2.P	L	
2234	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1	82.00	mg/m^3	3.35	H3.O3.P	S	
2235	Phosphorous pentafluoride	7647-19-0	125.97	ppm	5.15	F5P	G	-83

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2214	Phenylxylylethane; (PXE)	6196-95-8				0.983		08/07/98	09/09/13	12/31/11
2215	Phloroglucinol dihydrate	6099-90-7						04/15/07	09/09/13	12/31/11
2216	**Phorate**	**298-02-2**	290	0.00084	25	1.16		12/08/02	02/13/15	08/09/12
2217	Phosacetim	4104-14-7	400	0.0001	25			12/08/02	11/26/12	11/26/12
2218	Phosfolan	947-02-4	410	0.0001	25			12/08/02	11/26/12	11/26/12
2219	**Phosgene**	**75-44-5**	8	750	7.2	1.3719		11/30/92	02/17/15	11/18/14
2220	**Phosgene oxime**	**1794-86-1**	53-54ºC	11.2	25			09/29/10	02/17/15	
2221	Phosmet	732-11-6	dec	0.00054	25	1.03 @ 20°C		04/15/07	10/03/13	10/03/13
2222	Phosphamidon; (Famfos)	13171-21-6	350	0.000025	25	1.21		07/16/07	10/08/13	10/08/13
2223	**Phosphine**	**7803-51-2**	-87.75	750	-88	1.39	16000	11/30/92	03/10/15	04/20/07
2224	Phosphomolybdic acid	11104-88-4				3.2		04/15/07	04/11/14	12/31/11
2225	Phosphonic acid	13598-36-2						12/30/95	09/09/13	12/08/11
2226	Phosphonic acid, dioctadecyl ester	19047-85-9						12/08/02	01/09/14	01/09/14
2227	Phosphonic acid, methyl-, mono(1-methylethyl) ester; (Isopropyl methylphosphonic acid)	1832-54-8						08/05/10	09/09/13	12/31/11
2228	Phosphonic acid, tridodecyl ester	3076-63-9						12/08/02	01/09/14	12/31/11
2229	Phosphonoacetic acid	4408-78-0						08/03/10	09/09/13	11/26/12
2230	**Phosphoric acid**	**7664-38-2**	407	0.0285	20	1.834 @ 18°C		11/30/92	07/24/12	10/31/11
2231	Phosphoric acid, dimethyl-p-(methylthio)phenyl ester	3254-63-5	300	0.001	25	1.273 @ 21°C		12/08/02	11/26/12	11/26/12
2232	Phosphorodifluoridic acid, ethyl ester; (Ethyl phosphorodifluoridate)	460-52-6						05/25/12	09/09/13	
2233	Phosphorodifluoridic acid, methyl ester	22382-13-4						05/25/12	09/09/13	
2234	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1						07/11/07	09/09/13	12/09/11
2235	Phosphorous pentafluoride	7647-19-0	-75					12/08/02	09/09/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2236	Phosphorous trifluoride	7783-55-3	87.97	ppm	3.60	F3P	G	-152
2237	Phosphorus (red)	7723-14-0	30.97	mg/m^3	1.27	P	S	44.15
2238	Phosphorus (yellow); (White phosphorus)	12185-10-3	123.88	mg/m^3	5.06	P4	Y	44.1
2239	**Phosphorus oxychloride**	**10025-87-3**	153.32	ppm	6.27	Cl3OP	L	1.2
2240	Phosphorus pentachloride	10026-13-8	208.22	mg/m^3	8.51	Cl5P	S	167 triple pt
2241	Phosphorus pentasulfide	1314-80-3	222.24	mg/m^3	9.08	P2S5	Sdel	286-290
2242	**Phosphorus pentoxide**	**1314-56-3**	141.95	mg/m^3	5.80	O5P2	S	562
2243	**Phosphorus trichloride**	**7719-12-2**	137.32	ppm	5.61	Cl3P	L	-93
2244	Phosphorus trioxide	1314-24-5	110	mg/m^3	4.50	P2.O3	S	23.8
2245	Phthalic acid	88-99-3	166.14	mg/m^3	6.79	C8H6O4	S	207 dec
2246	Phthalic acid, benzyl butyl ester; (Benzyl butyl phthalate)	85-68-7	312.39	mg/m^3	12.77	C19H20O4	L	-35
2247	Phthalic anhydride	85-44-9	148.12	mg/m^3	6.05	C8H4O3	S	130.8
2248	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	203.02	ppm	8.30	C8.H4.Cl2.O2	L	15.5
2249	Phyllomedusin	26145-48-2	1171.3792	mg/m^3	47.88	C52.H82.N16.O13.S		
2250	Physostigmine	57-47-6	275.39	mg/m^3	11.26	C15H21N3	S	86-87
2251	Physostigmine salicylate (1:1)	57-64-7	413.52	mg/m^3	16.90	C15H21N3O2.C7H6O3	S	184-186
2252	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	123.12	mg/m^3	5.03	C6.H5.N.O2	S	136.5
2253	Picric acid	88-89-1	229.1	mg/m^3	9.36	C6H3N3O7	S	122.5
2254	Picrotoxin; (Cocculin; PTX)	124-87-8	602.64	mg/m^3	24.63	C15H18O7.C15H16O6	S	203-204
2255	Pigment green 36	14302-13-7	1393.9	mg/m^3	56.97	Br6C32Cl10CuN8	S	
2256	Pigment yellow 13; (Butanamide, 2,2'-((3,3'-dichloro(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(N-(2,4-dimethylphenyl)-3-oxo-)	5102-83-0	685.66	mg/m^3	28.02	C36H34Cl2N6O4	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2236	Phosphorous trifluoride	7783-55-3	-102					12/08/02	09/09/13	12/31/11
2237	Phosphorus (red)	7723-14-0	280.5	7.5x10-2	34	1.823		07/09/97	07/09/13	08/06/12
2238	Phosphorus (yellow); (White phosphorus)	12185-10-3	280	0.03		1.82		09/30/97	07/09/13	06/20/13
2239	**Phosphorus oxychloride**	**10025-87-3**	105.1	40	27.3	1.685 @ 15.5°C		03/01/00	02/12/15	09/09/13
2240	Phosphorus pentachloride	10026-13-8	160 subl	0.012	20	2.1		08/07/98	09/09/13	12/31/11
2241	Phosphorus pentasulfide	1314-80-3	514			2.09		03/01/00	10/24/13	12/31/11
2242	**Phosphorus pentoxide**	**1314-56-3**	605	7.5x10-3	285	2.3		11/30/92	05/15/15	04/01/01
2243	**Phosphorus trichloride**	**7719-12-2**	76	120	25	1.574		01/04/99	02/12/15	10/11/05
2244	Phosphorus trioxide	1314-24-5	173.1			2.135 @ 21°C		12/08/02	11/14/13	11/14/13
2245	Phthalic acid	88-99-3	dec	6.36x10-7	25	2.18 @ 191°C		01/04/99	10/18/13	10/07/13
2246	Phthalic acid, benzyl butyl ester; (Benzyl butyl phthalate)	85-68-7	370	8.25x10-6	25	1.116	12000	01/04/99	09/09/13	09/09/13
2247	Phthalic anhydride	85-44-9	295	7.5x10-3	48.2	1.527 @ 4°C		12/30/95	03/10/15	12/23/11
2248	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	281.1	30	47	1.409		07/11/07	11/14/13	11/14/13
2249	Phyllomedusin	26145-48-2						01/15/09	09/09/13	12/31/11
2250	Physostigmine	57-47-6		0.00001	25			12/08/02	09/09/13	09/09/13
2251	Physostigmine salicylate (1:1)	57-64-7	dec	0.00001	25			12/08/02	09/09/13	09/09/13
2252	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	subl					10/11/05	06/24/13	06/24/13
2253	Picric acid	88-89-1	>300 expl	7.5x10-7	25	1.763 no temp		09/30/97	09/10/13	12/31/11
2254	Picrotoxin; (Cocculin; PTX)	124-87-8		0.00001	25			12/08/02	01/09/15	01/09/15
2255	Pigment green 36	14302-13-7						03/01/00	09/10/13	12/31/11
2256	Pigment yellow 13; (Butanamide, 2,2'-((3,3'-dichloro(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(N-(2,4-dimethylphenyl)-3-oxo-)	5102-83-0						03/01/00	09/10/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2257	Pigment yellow 14	5468-75-7	657.6	mg/m^3	26.88	C34H30Cl2N6O4	S	
2258	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	100.18	ppm	4.09	C.H3.CO.C(C.H3)3	L	-52.5
2259	Pinacolyl alcohol; (tert-Butyl methyl carbinol)	464-07-3	102.2	ppm	4.18	C6.H14.O	L	5.6
2260	Piperazine	110-85-0	86.16	ppm	3.52	C4H10N2	S	106
2261	**Piperidine**	**110-89-4**	85.17	ppm	3.48	C5H11N	L	-9
2262	Piperonyl butoxide	51-03-6	338.44	mg/m^3	13.83	C19.H30.O5	L	
2263	Pirimifos-ethyl	23505-41-1	333.43	mg/m^3	13.63	C13H24N3O3PS	L	15-18
2264	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	186.2504	mg/m^3	7.61	C10.H18.O3	L	
2265	Platinum	7440-06-4	195.09	mg/m^3	7.97	Pt	S	1768.2
2266	Platinum cyanide	592-06-3	247.1	mg/m^3	10.10	Pt.C2.N2	S	
2267	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO; Hydrogenated trimer and tetramer of decene)	68649-12-7		mg/m^3		[Unspecified]	L	
2268	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8		mg/m^3		(Mixture)	L	17
2269	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8		mg/m^3		(C6.H9.O.N.)n	S pwdr	165
2270	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6		mg/m^3		C11.H21.Cl.N2.O	S	
2271	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	1300	mg/m^3	53.13	C7.H20.O5.Si	S	
2272	Poly(dimethylsiloxane), hydride terminated	70900-21-9		mg/m^3			S	
2273	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2		mg/m^3			L	
2274	Poly(divinylbenzene); (Diethenylbenzene homopolymer)	9003-69-4		mg/m^3		(C10.H10)x	S	
2275	Poly(ethylene glycol methyl ether)	9004-74-4	350	mg/m^3	14.30	(C2.H4.O)n.C.H4.O	S	
2276	Poly(ethylene glycol)diacrylate	26570-48-9		mg/m^3		(C2.H4.O)n.C6.H6.O3	S	
2277	Poly(melamine-co-formaldehyde), methylated	68002-20-0	511	mg/m^3	20.89	(C4.H8.N6.O)n	S	
2278	Poly(oxy-1,2-ethanediyl), alpha-(4-octylphenyl)-omega-hydroxy-; (Polyethylene glycol mono(p-octylphenol)ether)	26636-32-8		mg/m^3		(C2.H4.O)n.C14.h22.o	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2257	Pigment yellow 14	5468-75-7						03/01/00	09/10/13	12/31/11
2258	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	106.1	31.5	25	0.7229		04/14/04	03/10/15	07/24/12
2259	Pinacolyl alcohol; (tert-Butyl methyl carbinol)	464-07-3	120.4			0.8122		04/14/04	03/10/15	06/24/13
2260	Piperazine	110-85-0	146	0.16	20	1.45 @ 113°C	40000	01/04/99	03/10/15	04/14/10
2261	**Piperidine**	**110-89-4**	106	40	29.2	0.8622		03/01/00	03/10/15	
2262	Piperonyl butoxide	51-03-6	180 @ 1 mm			1.06 @ 20°C		02/19/08	09/10/13	12/31/11
2263	Pirimifos-ethyl	23505-41-1	130 dec	0.00029	25	1.14 @ 20°C		12/08/02	09/10/13	12/31/11
2264	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	193			0.918		10/11/05	09/10/13	12/31/11
2265	Platinum	7440-06-4	3825			21.45		08/07/98	05/22/14	12/31/11
2266	Platinum cyanide	592-06-3						07/02/08	05/22/14	12/31/11
2267	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO; Hydrogenated trimer and tetramer of decene)	68649-12-7	401	< 1	20	0.819		01/10/01	09/10/13	12/31/11
2268	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8	118			0.9		01/10/01	09/10/13	07/25/12
2269	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8				1.23 - 1.29		04/14/04	09/10/13	12/31/11
2270	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6				1.02		04/15/07	09/10/13	12/31/11
2271	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	150			1.04		04/15/07	10/10/13	10/10/13
2272	Poly(dimethylsiloxane), hydride terminated	70900-21-9						07/11/07	09/10/13	12/31/11
2273	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2						07/11/07	09/10/13	12/31/11
2274	Poly(divinylbenzene); (Diethenylbenzene homopolymer)	9003-69-4						10/11/05	10/10/13	10/10/13
2275	Poly(ethylene glycol methyl ether)	9004-74-4						07/11/07	09/10/13	12/31/11
2276	Poly(ethylene glycol)diacrylate	26570-48-9				1.11		07/11/07	10/11/13	12/31/11
2277	Poly(melamine-co-formaldehyde), methylated	68002-20-0				1.2		04/15/07	09/10/13	12/31/11
2278	Poly(oxy-1,2-ethanediyl), alpha-(4-octylphenyl)-omega-hydroxy-; (Polyethylene glycol mono(p-octylphenol)ether)	26636-32-8						07/11/07	09/10/13	12/31/11

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2279	Poly(oxyethylene)(2) stearyl ether	9005-00-9		mg/m^3		(C2.H4.O)n.C18.H38.O	S	40-45
2280	Poly(styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9	312.4	mg/m^3	12.77	C24.H24	S	
2281	Poly[oxy(methyl-1,2-ethanediyl)], alpha-hydro-omega-(2-aminomethylethoxy)-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1); (Polyoxypropylene polyamine)	39423-51-3		mg/m^3		(C3.H6.O)n.(C3.H6.O)n.(C3.H6.O)n.C15.H35.N3.O3	S	
2282	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4		mg/m^3		(C6H11NO)n	S	223
2283	Polybutyl acrylate	9003-49-0		mg/m^3		(C7.H12.O2)n	S	
2284	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2		mg/m^3		[Unspecified]	L	
2285	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042		mg/m^3		[Unspecified]	L	
2286	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	192	mg/m^3	7.85	21% Cl	L	1
2287	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5		mg/m^3		32% Cl	L	
2288	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	261	mg/m^3	10.67	[Unspecified]	L	-18.89
2289	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	288	mg/m^3	11.77	[Unspecified]	L	
2290	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	327	mg/m^3	13.36	[Unspecified]	L	
2291	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5		mg/m^3		[Unspecified]	S	
2292	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl))	z-0043		mg/m^3		[Unspecified]	S	
2293	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5		mg/m^3		[Unspecified]	S	
2294	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4		mg/m^3		[Unspecified]	S	
2295	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	291.98 - 360.86	mg/m^3		[Unspecified]	L or S	340-375
2296	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6		mg/m^3		(C2.H6.O.Si)x	L	
2297	Polyether polyol ester	z-0112	3000	mg/m^3	122.61		L	
2298	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	190	ppm	7.77	C14.H14	L	-40
2299	Polyethylene	9002-88-4	1500 - 100000	mg/m^3		(C2H4)n	S	240

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2279	Poly(oxyethylene)(2) stearyl ether	9005-00-9						04/15/07	09/10/13	12/31/11
2280	Poly(styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9						07/11/07	09/10/13	12/31/11
2281	Poly[oxy(methyl-1,2-ethanediyl)], alpha-hydro-omega-(2-aminomethylethoxy)-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1); (Polyoxypropylene polyamine)	39423-51-3						08/17/07	09/10/13	12/31/11
2282	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4				1.14 @ 20°C		09/30/97	09/10/13	12/31/11
2283	Polybutyl acrylate	9003-49-0						04/14/04	09/10/13	12/31/11
2284	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2	340-375			1.44 @ 30°C		12/08/02	09/12/13	12/31/11
2285	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042	340-375			1.44 @ 30°C		12/08/02	09/12/13	12/31/11
2286	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	340-375	0.0067	25	1.187 @ 15.5°C		06/13/02	09/12/13	07/25/12
2287	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5	340-375			1.44 @ 30°C		04/15/07	07/25/12	07/25/12
2288	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	325-366	1.3x10-3	25	1.381		12/30/95	09/12/13	06/25/13
2289	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	340-375	4.94x10-4	25	1.4-1.5		08/07/98	09/12/13	01/23/12
2290	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	365-390	7.71x10-5	25	1.495-1.505 @ 65°C		12/30/95	09/12/13	12/31/11
2291	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5	340-375	4.05x10-5	25	1.56 @ 90°C		01/04/99	09/12/13	12/31/11
2292	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl))	z-0043	340-375			1.44 @ 30°C		12/08/02	09/12/13	12/31/11
2293	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5	340-375			1.44 @ 30°C		12/08/02	10/25/13	10/11/13
2294	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4	340-375					01/04/99	09/12/13	12/31/11
2295	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	340-375	varies		1.44 @ 30°C		07/09/97	10/25/13	10/25/13
2296	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6	>149			0.834		04/14/04	09/12/13	07/25/12
2297	Polyether polyol ester	z-0112						07/11/07	09/12/13	12/31/11
2298	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	267	0.0149	25	0.97 @ 20°C		07/11/07	05/21/15	05/21/15
2299	Polyethylene	9002-88-4		negligible	25	0.915 - 0.95 no temp		09/30/97	09/12/13	01/23/12

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2300	Polyethylene glycol	25322-68-3		mg/m^3		(C2H6O2)n	L or S	4-8
2301	Polyethylene glycol 20M	37225-26-6		mg/m^3		(C2H6O2)n	L	
2302	Polyethylene glycol dimethacrylate	25852-47-5		mg/m^3		(C2.H4.O)n.C8.H10.O3	S	
2303	Polyglycol 15-200; (Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1); Calthane NF and ND "B")	9082-00-2		mg/m^3		C3.H8.O3.3(-C3.H6.O.C2.H4.O)x	L	< -25
2304	Polyisocyanate prepolymer	z-0115		mg/m^3			S	
2305	Polymaleic acid; (2-Butenedioic acid (2Z)-, homopolymer)	26099-09-2		mg/m^3		(C4.H4.O4)x	S	
2306	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9		mg/m^3			L	
2307	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2	254.5898	mg/m^3	10.41	C9.H30.O2.Si3		
2308	Polymethylmethacrylate; (Lucite)	9011-14-7		mg/m^3		(C5.H8.O2)n	S	
2309	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0		mg/m^3		(C3H6O)n C6H16N2O		
2310	Polyoxyethylene monooctylphenyl ether	9036-19-5		mg/m^3		(C2H4O)n.C14H22O		
2311	Polyphosphoric acid	8017-16-1		mg/m^3		Hx+2-Px-O3x+1. x>1	L	21
2312	Polypropylene	9003-07-0		mg/m^3		(C3.H6)n	S	165
2313	Polypropylene glycol, (chloromethyl) oxirane polymer	9072-62-2		mg/m^3		((C3.H6.O)nH2.O.C3.H5.Cl.O)x	S	
2314	Polypropylene glycol, polytetramethylene glycol, 1,3-diisocyanatomethylbenzene polymer	65636-36-4		mg/m^3		(C9.H6.N2.O.(C4.H8.O)n.H2.O.(C3.H6.O)n.H2.O)x	S	
2315	Polypropylene glycols	25322-69-4	76.11	mg/m^3	3.11	(C3H6O)n. H2O	L	
2316	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6		mg/m^3		(C5H10O2)x		
2317	Polysorbate 85; (Tween 85)	9005-70-3		mg/m^3			L	-28.9
2318	Polystyrene resin; (Styrene polymer)	9003-53-6		mg/m^3		(C8H8)n	S	
2319	Polysulfone resin	25135-51-7		mg/m^3			S	
2320	Polytetrafluoroethylene; (Teflon)	9002-84-0		mg/m^3		(C2.F4)n	S	342

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2300	Polyethylene glycol	25322-68-3				1.110-1.140		01/04/99	09/18/14	09/18/14
2301	Polyethylene glycol 20M	37225-26-6						04/14/04	09/18/14	09/18/14
2302	Polyethylene glycol dimethacrylate	25852-47-5						07/11/07	09/18/14	12/31/11
2303	Polyglycol 15-200; (Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1); Calthane NF and ND "B")	9082-00-2	dec			1.013		04/14/04	09/12/13	12/31/11
2304	Polyisocyanate prepolymer	z-0115						09/05/08	10/23/13	09/13/13
2305	Polymaleic acid; (2-Butenedioic acid (2Z)-, homopolymer)	26099-09-2						07/11/07	09/12/13	12/31/11
2306	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9	210 @ 5 mmHg	< 0.00001	25	1.24 @ 20°C		07/11/07	07/20/13	07/20/13
2307	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2						07/11/07	09/13/13	12/31/11
2308	Polymethylmethacrylate; (Lucite)	9011-14-7						04/14/04	05/08/15	05/08/15
2309	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0						07/09/97	09/13/13	12/31/11
2310	Polyoxyethylene monooctylphenyl ether	9036-19-5						01/04/99	09/13/13	12/31/11
2311	Polyphosphoric acid	8017-16-1	300 - 500			2.06		04/14/04	09/16/13	09/16/13
2312	Polypropylene	9003-07-0				0.90 - 0.92		04/15/07	09/13/13	12/31/11
2313	Polypropylene glycol, (chloromethyl) oxirane polymer	9072-62-2				1.02		07/11/07	05/08/15	05/08/15
2314	Polypropylene glycol, polytetramethylene glycol, 1,3-diisocyanatomethylbenzene polymer	65636-36-4						08/17/07	09/13/13	12/31/11
2315	Polypropylene glycols	25322-69-4				1.002		01/04/99	09/13/13	12/31/11
2316	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6						01/04/99	09/13/13	12/31/11
2317	Polysorbate 85; (Tween 85)	9005-70-3	200			1.028		07/11/07	10/10/13	10/10/13
2318	Polystyrene resin; (Styrene polymer)	9003-53-6						09/30/97	09/13/13	12/31/11
2319	Polysulfone resin	25135-51-7						10/11/05	09/13/13	12/31/11
2320	Polytetrafluoroethylene; (Teflon)	9002-84-0				2.1-2.3		10/11/05	09/13/13	07/25/12

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2321	Polyurethane foam; (Urethane polymers)	9009-54-5		mg/m^3		[Unspecified]	S	
2322	Polyurethane prepolymer of MDI and PEP	68092-58-0		mg/m^3		(C15H10.N2.O2.C9.H20O4C6H14O3)n	L	
2323	Polyvinyl alcohol	9002-89-5		mg/m^3		(C2.H4.O)x	S	>200
2324	Polyvinyl chloride	9002-86-2	60000 - 150000	mg/m^3		(C2H3Cl)x	S	
2325	Potassium	7440-09-7	39.1	mg/m^3	1.60	K	S	63.5
2326	Potassium acetate	127-08-2	98.15	mg/m^3	4.01	C2H3KO2	S	309
2327	Potassium acid fluoride	7789-29-9	78.11	mg/m^3	3.19	F2.H.K	S deliq	238.8 dec
2328	Potassium aluminate	12003-63-3	98.07	mg/m^3	4.01	K-Al-O2	S	
2329	Potassium aluminite	z-0044	134.1	mg/m^3	5.48	K-Al(OH)4	S	
2330	Potassium aluminosilicate	1327-44-2	158.16	mg/m^3	6.46	KAlSiO4	S	
2331	Potassium antimonate; (Antimony potassium oxide)	29638-69-5	511.89	mg/m^3	20.92	Sb2-K4-O7	S	
2332	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8	262.89	mg/m^3	10.74	K-Sb-(OH)6		
2333	Potassium antimonite	z-0045	228.88	mg/m^3	9.35	K.Sb.(O.H)4		
2334	Potassium argentate	z-0046	180.97	mg/m^3	7.40	K-Ag(OH)2	S	
2335	Potassium arsenate; (Monopotassium arsenate)	7784-41-0	180.04	mg/m^3	7.36	As.H2O4.K	S	288
2336	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2	146.02	mg/m^3	5.97	K.As.O2	S	
2337	Potassium beryllium oxide	z-0047	144.2	mg/m^3	5.89	Be2-K2-O3	S	
2338	Potassium bicarbonate	298-14-6	100.106	mg/m^3	4.09	KHCO3	S	~100 dec
2339	Potassium bi-iodate	13455-24-8	389.9033	mg/m^3	15.94	H.I2.K.O6	S	
2340	Potassium bismuthate	12589-75-2	316.1	mg/m^3	12.92	KBi(OH)4	S	
2341	Potassium bisulfate	7646-93-7	136.17	mg/m^3	5.57	HKO4S	S	~200
2342	Potassium bromate	7758-01-2	167.01	mg/m^3	6.83	BrKO3	S	350

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2321	Polyurethane foam; (Urethane polymers)	9009-54-5						09/30/97	09/13/13	07/25/12
2322	Polyurethane prepolymer of MDI and PEP	68092-58-0						07/11/07	09/13/13	12/31/11
2323	Polyvinyl alcohol	9002-89-5	~340			1.329		04/14/04	09/13/13	07/25/12
2324	Polyvinyl chloride	9002-86-2				1.406		07/09/97	09/13/13	12/31/11
2325	Potassium	7440-09-7	759	7.5x10-3	200.2	0.89		09/30/97	09/13/13	12/31/11
2326	Potassium acetate	127-08-2				1.57		01/04/99	09/13/13	12/31/11
2327	Potassium acid fluoride	7789-29-9						10/11/05	09/13/13	12/31/11
2328	Potassium aluminate	12003-63-3						12/08/02	02/27/14	09/13/13
2329	Potassium aluminite	z-0044						12/08/02	11/20/13	11/20/13
2330	Potassium aluminosilicate	1327-44-2						12/08/02	02/27/14	11/25/13
2331	Potassium antimonate; (Antimony potassium oxide)	29638-69-5						12/08/02	07/11/14	12/31/11
2332	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8						12/08/02	07/11/14	12/31/11
2333	Potassium antimonite	z-0045						01/02/08	07/11/14	12/31/11
2334	Potassium argentate	z-0046						12/08/02	03/28/14	12/31/11
2335	Potassium arsenate; (Monopotassium arsenate)	7784-41-0				2.287		06/13/02	01/27/14	01/27/14
2336	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2						12/08/02	01/27/14	01/27/14
2337	Potassium beryllium oxide	z-0047						01/10/01	02/04/14	01/17/12
2338	Potassium bicarbonate	298-14-6				2.17		12/08/02	12/12/13	12/12/13
2339	Potassium bi-iodate	13455-24-8						10/11/05	09/13/13	12/31/11
2340	Potassium bismuthate	12589-75-2						12/08/02	12/12/13	12/12/13
2341	Potassium bisulfate	7646-93-7				2.24		08/07/98	09/13/13	12/31/11
2342	Potassium bromate	7758-01-2				3.27		08/07/98	09/13/13	11/26/12

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2343	Potassium bromide	7758-02-3	119.01	mg/m^3	4.86	BrK	S	734
2344	Potassium cadminate	z-0048	258.62	mg/m^3	10.57	2K.Cd-(OH)4	S	
2345	Potassium carbonate	584-08-7	138.21	mg/m^3	5.65	CK2O3	S	899
2346	Potassium chlorate	3811-04-9	122.55	mg/m^3	5.01	ClKO3	S	357
2347	Potassium chloride	7447-40-7	74.55	mg/m^3	3.05	ClK	S	771
2348	Potassium chromate(VI)	7789-00-6	194.19	mg/m^3	7.94	CrK2O4	S	974
2349	Potassium citrate	866-84-2	306.41	mg/m^3	12.52	C6H5K3O7	S	275 dec
2350	Potassium citrate, monohydrate	6100-05-6	324.3865	mg/m^3	13.26	C6.H7.K3.O8	S	
2351	Potassium columbate; (Potassium niobate)	12030-85-2	1174.26	mg/m^3	47.99	K8Nb6O19	S	~1100
2352	**Potassium cyanide**	**151-50-8**	65.12	mg/m^3	2.66	CNK	S	634
2353	Potassium dichromate	7778-50-9	294.19	mg/m^3	12.02	Cr2K2O7	S	398
2354	Potassium dideuterium phosphate	13761-79-0	139.11	mg/m^3	5.69	D2-H-O4.P.K		
2355	Potassium ferricyanide	13746-66-2	329.27	mg/m^3	13.46	C6FeK3N6	S	70 loses water
2356	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3	368.37	mg/m^3	15.06	4 K.Fe (CN)6	S	
2357	Potassium fluoride	7789-23-3	58.1	mg/m^3	2.37	FK	S	858
2358	Potassium fluoride dihydrate	13455-21-5	94.14	mg/m^3	3.85	F.H4.K.O2	S	41
2359	Potassium formate	590-29-4	84.12	mg/m^3	3.44	K.CHO2	S	168
2360	Potassium glycolate	1932-50-9	114.13	ppm	4.66	C2-H4-O3.K	S	
2361	Potassium gold cyanide	554-07-4	288.10	mg/m^3	11.78	Au.K.C2.N2	S	
2362	Potassium hexacyanoferrate(II) trihydrate; (Potassium ferricyanide trihydrate)	14459-95-1	422.39	mg/m^3	17.26	K4.[Fe(C.N)6].3 H2.O	S	60 dec
2363	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2	220.29	mg/m^3	9.00	F6.Si.2K	S	dec
2364	Potassium hydride	7693-26-7	40.11	mg/m^3	1.64	H.K	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2343	Potassium bromide	7758-02-3	1435	1	795	2.75		08/07/98	09/13/13	12/31/11
2344	Potassium cadminate	z-0048						12/08/02	02/03/14	02/03/14
2345	Potassium carbonate	584-08-7	dec			2.29		07/09/97	09/13/13	12/31/11
2346	Potassium chlorate	3811-04-9	400 dec			2.29		08/07/98	09/13/13	07/26/12
2347	Potassium chloride	7447-40-7	1500 subl			1.987		08/07/98	06/25/13	06/25/13
2348	Potassium chromate(VI)	7789-00-6		0	no temp	2.73		07/09/97	10/30/14	10/30/14
2349	Potassium citrate	866-84-2				1.98		08/21/96	09/13/13	12/31/11
2350	Potassium citrate, monohydrate	6100-05-6						10/11/05	09/13/13	12/31/11
2351	Potassium columbate; (Potassium niobate)	12030-85-2				4.64		08/07/98	09/13/13	12/31/11
2352	**Potassium cyanide**	**151-50-8**				1.55 @ 20°C		12/30/95	02/13/15	09/28/10
2353	Potassium dichromate	7778-50-9	~ 500 dec			2.68		07/09/97	10/30/14	10/30/14
2354	Potassium dideuterium phosphate	13761-79-0						04/14/04	04/23/15	04/23/15
2355	Potassium ferricyanide	13746-66-2	dec			1.85		08/07/98	02/19/14	02/19/14
2356	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3						04/14/04	05/13/14	09/13/13
2357	Potassium fluoride	7789-23-3	1502	0.75	869	2.48		09/30/97	09/13/13	11/26/12
2358	Potassium fluoride dihydrate	13455-21-5	156			2.454		07/11/07	09/13/13	12/31/11
2359	Potassium formate	590-29-4	dec			1.91		12/08/02	09/13/13	12/31/11
2360	Potassium glycolate	1932-50-9						12/08/02	03/10/15	12/12/13
2361	Potassium gold cyanide	554-07-4						07/11/07	05/15/14	05/15/14
2362	Potassium hexacyanoferrate(II) trihydrate; (Potassium ferricyanide trihydrate)	14459-95-1				1.85		04/14/04	05/15/14	11/26/12
2363	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2				2.27		10/11/05	09/13/13	12/31/11
2364	Potassium hydride	7693-26-7				1.43		07/11/07	10/10/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2365	Potassium hydrogen lead oxide	z-0049	279.3	mg/m^3	11.42	KHPbO2	S	
2366	Potassium hydrogen metasilicate	z-0051	116.181	mg/m^3	4.75	K.H.Si.O3	S	
2367	Potassium hydrogen pyrophosphate	z-0050	291.21	mg/m^3	11.90	K3HP2O7	S	
2368	Potassium hydroxide	1310-58-3	56.11	mg/m^3	2.29	HKO	S	406
2369	Potassium iminodiacetate; (Potassium IDA)	z-0052	209	ppm	8.54	C4.H5.N.O4.2K		
2370	Potassium iodate	7758-05-6	214	mg/m^3	8.75	IKO3	S	560
2371	Potassium iodide	7681-11-0	166	mg/m^3	6.78	IK	S	681
2372	Potassium lanthanate	z-0053	246.02	mg/m^3	10.06	K.La.(O.H)4	S	
2373	Potassium metaarsenite; (Potassium arsenite)	10124-50-2	399.65	mg/m^3	16.33	As.(OH)3.xK	S hygrs	
2374	Potassium metaborate	13709-94-9	82.92	mg/m^3	3.39	K.B.H.O2	S	
2375	Potassium molybdate; (Molybdic acid, dipotassium salt)	13446-49-6	238.14	mg/m^3	9.73	K2MoO4	S	919
2376	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7	168.8888	mg/m^3	6.90	K2.Ni.O2	L	
2377	Potassium nickelate	z-0055	204.9	mg/m^3	8.37	K2.Ni.(O.H)4	L	
2378	Potassium nitrate	7757-79-1	101.1	mg/m^3	4.13	KNO3	S	334
2379	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1	305.43	mg/m^3	12.48	C6.H6.N.O6.3K		
2380	Potassium nitrite	7758-09-0	85.11	mg/m^3	3.48	KNO2	S	440
2381	Potassium orthovanadate	14293-78-8	232	mg/m^3	9.48	K3.V.O4		
2382	Potassium oxalate	583-52-8	168.24	mg/m^3	6.88	C2.H2.O4.2K	S	
2383	Potassium oxalate monohydrate	6487-48-5	184.231	mg/m^3	7.53	K2.C2.O4.H2O	S	160
2384	Potassium oxide	12136-45-7	94.18	mg/m^3	3.85	K2.O	S	
2385	Potassium perchlorate	7778-74-7	138.55	mg/m^3	5.66	K.Cl.O4	S	400 dec
2386	Potassium periodate	7790-21-8	230.01	mg/m^3	9.40	I.K.O4	S	582

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2365	Potassium hydrogen lead oxide	z-0049						06/13/02	05/22/14	12/12/13
2366	Potassium hydrogen metasilicate	z-0051						12/08/02	09/13/13	12/31/11
2367	Potassium hydrogen pyrophosphate	z-0050						06/13/02	12/12/13	12/12/13
2368	Potassium hydroxide	1310-58-3	1327	7.5x10-3	520	2.044		12/30/95	09/13/13	12/31/11
2369	Potassium iminodiacetate; (Potassium IDA)	z-0052						12/08/02	12/12/13	12/12/13
2370	Potassium iodate	7758-05-6				3.89		01/10/01	11/26/12	11/26/12
2371	Potassium iodide	7681-11-0	1323	1	745	3.13		08/07/98	09/13/13	09/13/13
2372	Potassium lanthanate	z-0053						12/08/02	12/12/13	12/12/13
2373	Potassium metaarsenite; (Potassium arsenite)	10124-50-2						06/13/02	09/13/13	12/31/11
2374	Potassium metaborate	13709-94-9						12/08/02	02/04/14	02/04/14
2375	Potassium molybdate; (Molybdic acid, dipotassium salt)	13446-49-6				2.3		01/10/01	04/11/14	12/31/11
2376	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7						12/08/02	06/05/14	12/31/11
2377	Potassium nickelate	z-0055						12/08/02	06/05/14	12/31/11
2378	Potassium nitrate	7757-79-1	400 dec			2.105		09/30/97	06/26/14	06/26/14
2379	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1						12/08/02	09/16/13	12/31/11
2380	Potassium nitrite	7758-09-0	537 expl			1.915		08/07/98	09/16/13	01/09/12
2381	Potassium orthovanadate	14293-78-8						12/08/02	07/14/14	07/14/14
2382	Potassium oxalate	583-52-8				2.08		08/07/98	09/16/13	12/31/11
2383	Potassium oxalate monohydrate	6487-48-5				2.13		04/14/04	04/23/15	04/23/14
2384	Potassium oxide	12136-45-7						09/05/08	10/24/13	02/08/12
2385	Potassium perchlorate	7778-74-7				2.52		04/14/04	10/07/13	10/07/13
2386	Potassium periodate	7790-21-8				3.618 @ 15°C		04/15/07	09/14/15	09/14/15

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2387	Potassium permanganate	7722-64-7	158.03	mg/m^3	6.46	KMnO4	S	dec
2388	Potassium peroxymonosulfate; (Peroxymonosulfuric acid, monopotassium salt)	10058-23-8	152.17	mg/m^3	6.22	H2.O5.S.K	S	
2389	Potassium persulfate; (Dipotassium persulfate)	7727-21-1	272.34	mg/m^3	11.13	H2K2O8S2	S	100 dec
2390	Potassium phosphate, dibasic	7758-11-4	174.18	mg/m^3	7.12	HK2O4P	S	
2391	Potassium phosphate, dibasic trihydrate	16788-57-1	228.23	mg/m^3	9.33	K2.H.P.O4.3 H2O	S	
2392	Potassium phosphate, monobasic	7778-77-0	136.09	mg/m^3	5.56	H2KO4P	S	253
2393	Potassium phosphate, tribasic	7778-53-2	212.27	mg/m^3	8.68	K3O4P	S	
2394	**Potassium phosphide**	**20770-41-6**	148.24	ppm	6.06	K3.P	S	
2395	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	330.24	mg/m^3	13.50	K4O7P2	S	180
2396	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7	256.32	mg/m^3	10.48	H2-O7-S2.2K	S	
2397	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8	22.32	mg/m^3	0.912249	O5.S2.K2	S	150 decom
2398	Potassium selenate	7790-59-2	221.1376	mg/m^3	9.04	K2-Se-O4	S	1000
2399	Potassium selenite	10431-47-7	205.16	mg/m^3	8.39	K2-Se-O3	S	
2400	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1		mg/m^3		K2.Si3.05 to K2.Si3.O7	S	1015
2401	Potassium silver cyanide	506-61-6	199.01	mg/m^3	8.13	C2AgN2.K	S	
2402	Potassium stannate	12142-33-5	244.90	mg/m^3	10.01	K2-Sn-O3	S	
2403	Potassium strontium phosphate	53201-92-6	221.68	mg/m^3	9.06	K.Sr.P.O4	S	
2404	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	174.26	mg/m^3	7.12	K2O4S	S	1067
2405	Potassium sulfite	10117-38-1	158.26	mg/m^3	6.47	O3.S.2K	S	
2406	Potassium tellurate	15571-91-2	269.78	mg/m^3	11.03	2K-Te-O4	S	
2407	Potassium tellurite	7790-58-1	253.7782	mg/m^3	10.37	2K-Te-O3	S	
2408	Potassium tetrafluoroborate(1-)	14075-53-7	125.91	mg/m^3	5.15	B.F4.K	S	570

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2387	Potassium permanganate	7722-64-7				2.7		08/21/96	05/19/14	05/19/14
2388	Potassium peroxymonosulfate; (Peroxymonosulfuric acid, monopotassium salt)	10058-23-8						07/22/10	09/16/13	12/31/11
2389	Potassium persulfate; (Dipotassium persulfate)	7727-21-1				2.477		08/07/98	09/16/13	12/31/11
2390	Potassium phosphate, dibasic	7758-11-4						04/15/07	04/23/15	04/23/15
2391	Potassium phosphate, dibasic trihydrate	16788-57-1						04/15/07	04/23/15	04/23/15
2392	Potassium phosphate, monobasic	7778-77-0						06/16/08	12/12/13	12/12/13
2393	Potassium phosphate, tribasic	7778-53-2						03/01/00	12/13/13	12/13/13
2394	**Potassium phosphide**	**20770-41-6**						09/05/08	02/13/15	02/13/12
2395	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	300			2.33		04/15/07	09/16/13	12/31/11
2396	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7						08/07/98	09/16/13	12/31/11
2397	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8				2.3		10/11/05	09/17/13	09/17/13
2398	Potassium selenate	7790-59-2				3.07		12/08/02	07/02/14	11/26/12
2399	Potassium selenite	10431-47-7						12/08/02	07/02/14	12/31/11
2400	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1				2.456		10/11/05	09/16/13	12/31/11
2401	Potassium silver cyanide	506-61-6		0.00001	25	2.36		12/08/02	03/28/14	03/28/14
2402	Potassium stannate	12142-33-5						12/08/02	09/20/13	09/20/13
2403	Potassium strontium phosphate	53201-92-6						12/08/02	12/13/12	12/13/13
2404	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	1689			2.66		01/10/01	09/16/13	01/16/12
2405	Potassium sulfite	10117-38-1						08/07/98	11/14/13	11/14/13
2406	Potassium tellurate	15571-91-2						12/08/02	06/24/14	12/12/11
2407	Potassium tellurite	7790-58-1						12/08/02	06/24/14	05/07/12
2408	Potassium tetrafluoroborate(1-)	14075-53-7				2.506		10/11/05	09/16/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2409	Potassium tetraphenylborate	3244-41-5	358.31	mg/m^3	14.64	KB(C6H5)4	S	
2410	Potassium thiocyanate	333-20-0	97.18	mg/m^3	3.97	CKNS	S	173
2411	Potassium trihydrogen silicate	z-0058	134.196	mg/m^3	5.48	K-H3-Si-O4	S	
2412	Potassium tungstate	7790-60-5	326.03	mg/m^3	13.33	K2-W-O4	L	921
2413	Potassium uranyl carbonate	17871-80-6	606.24	mg/m^3	24.78	K4UO2(CO3)3	S	
2414	Potassium zirconate; (Potassium zirconium oxide; Dipotassium zirconate)	12030-98-7	217.41	mg/m^3	8.89	2KZrO3	S	
2415	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	112.2	mg/m^3	4.59	K.C4H9.O	S	
2416	Praseodymium	7440-10-0	140.9077	mg/m^3	5.76	Pr	S	935
2417	Praseodymium (III, IV) oxide	12037-29-5	1021.4396	mg/m^3	41.75	Pr6.O11	S	
2418	Praseodymium nitrate	10361-80-5	326.92	mg/m^3	13.36	N3O9Pr	S	
2419	Praseodymium oxide	12036-32-7	329.8136	mg/m^3	13.48	Pr2-O3	S	2300
2420	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	207.3	mg/m^3	8.47	C12H17NO2	S	87-88
2421	Propanamine, 1-; (Propylamine)	107-10-8	59.3	ppm	2.42	C3H9N	L	-83
2422	**Propane**	**74-98-6**	44.1	ppm	1.80	C3H8	G	-187.63
2423	Propane sultone, 1,3-	1120-71-4	122.14	mg/m^3	4.99	C3H6O3S	S	31
2424	Propanediamine, 1,2-	78-90-0	74.15	mg/m^3	3.03	C3H10N2	L	
2425	Propanediamine, 1,3-	109-76-2	74.15	mg/m^3	3.03	C3H10N2	L	-12
2426	**Propanedinitrile; (Malononitrile)**	**109-77-3**	66.07	ppm	2.70	C3H2N2	L	30.5
2427	Propanediol, 1,3-	504-63-2	76.11	mg/m^3	3.11	C3.H8.O2	L	
2428	Propanediol, 2,2-dimethyl-1,3-	126-30-7	104.17	ppm	4.26	C5.H12.O2	S	129
2429	Propanethiol; (n-Propylmercaptan)	107-03-9	76.17	ppm	3.11	C3.H8.S	L	-113.3
2430	Propanol, zirconium(4+) salt, 1-	23519-77-9	331.60	mg/m^3	13.55	C12.H28.O4.Zr	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2409	Potassium tetraphenylborate	3244-41-5						8/21/96	10/10/13	10/10/13
2410	Potassium thiocyanate	333-20-0	500 dec			1.89		08/07/98	12/05/12	12/05/12
2411	Potassium trihydrogen silicate	z-0058						12/08/02	09/17/13	12/31/11
2412	Potassium tungstate	7790-60-5				3.12		12/08/02	07/17/14	07/17/14
2413	Potassium uranyl carbonate	17871-80-6						12/08/02	07/07/14	07/07/14
2414	Potassium zirconate; (Potassium zirconium oxide; Dipotassium zirconate)	12030-98-7						12/08/02	07/31/14	12/31/11
2415	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	257 dec	0.13	220	0.82		04/14/04	10/10/13	12/31/11
2416	Praseodymium	7440-10-0	3512			6.772		07/11/07	10/10/13	12/31/11
2417	Praseodymium (III, IV) oxide	12037-29-5						10/11/05	09/17/13	12/31/11
2418	Praseodymium nitrate	10361-80-5						09/30/97	09/17/13	12/31/11
2419	Praseodymium oxide	12036-32-7				6.9		12/08/02	10/10/13	10/10/13
2420	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	345	0.00003	25			12/08/02	09/17/13	12/31/11
2421	Propanamine, 1-; (Propylamine)	107-10-8	48-49	248	20	0.7191	20000	06/13/02	09/17/13	12/31/11
2422	**Propane**	**74-98-6**	-42.1	750	-42.3	0.493	23000	08/21/96	02/26/15	02/26/15
2423	Propane sultone, 1,3-	1120-71-4	180 @ 0.039 atm			1.393 @ 40°C		09/30/97	09/17/13	01/25/12
2424	Propanediamine, 1,2-	78-90-0	118.9			0.9		01/04/99	09/18/14	12/31/11
2425	Propanediamine, 1,3-	109-76-2	135-136			0.8881		01/04/99	09/23/14	09/18/14
2426	**Propanedinitrile; (Malononitrile)**	**109-77-3**	220	11	99	1.049 @ 34°C		06/13/02	02/09/15	02/09/15
2427	Propanediol, 1,3-	504-63-2	210-211			1.0536		10/11/05	09/18/14	12/31/11
2428	Propanediol, 2,2-dimethyl-1,3-	126-30-7	206			1.06		10/11/05	03/10/15	12/31/11
2429	Propanethiol; (n-Propylmercaptan)	107-03-9	67-68	154.2	25	0.8411 @ 20°C		10/11/05	08/19/13	12/08/11
2430	Propanol, zirconium(4+) salt, 1-	23519-77-9						10/11/05	07/31/14	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2431	**Propargyl alcohol**	**107-19-7**	56.06	ppm	2.29	C3H4O	L	-51.8
2432	Propargyl bromide	106-96-7	118.97	mg/m^3	4.86	Br.C3H3	L	-61.07
2433	Propiolactone, b-	57-57-8	72.06	ppm	2.95	C3H4O2	L	-33.4
2434	**Propionaldehyde**	**123-38-6**	58.08	ppm	2.37	C3H6O	L	-80
2435	Propionic acid	79-09-4	74.09	ppm	3.03	C3H6O2	L	-21.5
2436	Propionic acid, 3-ethoxy-, ethyl ester; (Ethyl-3-ethoxypropionate)	763-69-9	146.21	ppm	5.98	C7H14O3	L	-100
2437	Propionic acid, sodium salt	137-40-6	96.07	mg/m^3	3.93	C3.H5.O2.Na	S hygr	
2438	Propionic anhydride	123-62-6	130.16	mg/m^3	5.32	C6H10O3	L	-45
2439	**Propionitrile; (Propiononitrile)**	**107-12-0**	55.09	ppm	2.25	C3H5N	L	-103.5
2440	Propionyl chloride	79-03-8	92.53	ppm	3.78	CH3CH2CO.Cl	L	-94
2441	Propoxur (Baygon)	114-26-1	209.24	mg/m^3	8.55	C11H15NO3	S	87
2442	Propoxypropanol, n-; (Propylene glycol monpropyl ether)	30136-13-1	228.2	ppm	9.33	C6.H14.O2	L	-80
2443	Propyl acetate, n-	109-60-4	102.15	ppm	4.18	C5.H10.O2	L	-93
2444	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	122.56	ppm	5.01	C4H7ClO2	L	
2445	Propyl nitrate	627-13-4	105.11	ppm	4.30	C3H7NO3	L	<-101
2446	Propyl-1-butanamine, N-	20193-21-9	115.218	mg/m^3	4.71	C7-H17-N		
2447	Propylbenzene, n-; (Isocumene)	103-65-1	120.19	ppm	4.91	C9H12	L	-99.6
2448	Propylene carbonate, 1,2-	108-32-7	102.09	mg/m^3	4.17	C4H6O3	L	-48.8
2449	**Propylene glycol dinitrate**	**6423-43-4**	166.11	ppm	6.79	C3H6N2O6	L	-7.8
2450	**Propylene glycol monomethyl ether acetate, alpha-isomer; (1-Methoxypropyl-2-acetate)**	**108-65-6**	132.18	ppm	5.40	C6.H12.O3	L	
2451	**Propylene glycol monomethyl ether acetate, beta-isomer; (2-Methoxypropoyl-1-acetate)**	**70657-70-4**	132.18	ppm	5.40	C6.H12.O3	L	
2452	Propylene glycol monomethyl ether; (Ucar Triol HG-170)	107-98-2	90.12	ppm	3.68	C4H10O2	L	-95

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2431	**Propargyl alcohol**	**107-19-7**	113.6	15.6	25	0.9478 @ 20°C		12/30/95	03/10/15	02/16/12
2432	Propargyl bromide	106-96-7	88-90			1.579 @ 19°C	30000	06/13/02	11/14/14	12/05/12
2433	Propiolactone, b-	57-57-8	162	0.75	8	1.1460 @ 20°C	29000	09/30/97	09/17/13	12/05/12
2434	**Propionaldehyde**	**123-38-6**	48	750	47.7	0.8657	26000	09/30/97	03/10/15	04/20/07
2435	Propionic acid	79-09-4	141.1	10	39.7	0.99815	29000	08/07/98	03/10/15	12/05/12
2436	Propionic acid, 3-ethoxy-, ethyl ester; (Ethyl-3-ethoxypropionate)	763-69-9	170.1			0.9496		01/04/99	09/17/13	12/12/12
2437	Propionic acid, sodium salt	137-40-6						10/11/05	09/17/13	07/26/12
2438	Propionic anhydride	123-62-6	167	1	20.6	1.012	13000	06/13/02	03/10/15	12/31/11
2439	**Propionitrile; (Propiononitrile)**	**107-12-0**	97.1	35	20	0.783	31000	01/04/99	02/09/15	02/09/15
2440	Propionyl chloride	79-03-8	80			1.065		06/13/02	09/17/13	12/31/11
2441	Propoxur (Baygon)	114-26-1	dec	9.68x10-6	20	1.12 @ 20°C		09/30/97	09/17/13	12/05/12
2442	Propoxypropanol, n-; (Propylene glycol monpropyl ether)	30136-13-1	149.8			0.8865		09/05/08	09/17/13	12/31/11
2443	Propyl acetate, n-	109-60-4	101.5	35.9	25	0.836 @ 20°C	17000	07/11/07	09/17/13	07/26/12
2444	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	114-115 @768			1.09		03/01/00	02/13/15	12/31/11
2445	Propyl nitrate	627-13-4	110.5			1.054 @ 20°C	20000	12/08/02	09/17/13	12/31/11
2446	Propyl-1-butanamine, N-	20193-21-9						12/08/02	12/13/13	12/13/13
2447	Propylbenzene, n-; (Isocumene)	103-65-1	159.24	7.5	38	0.8593	8000	09/30/97	09/17/13	12/31/11
2448	Propylene carbonate, 1,2-	108-32-7	242	0.75	43	1.2047 @ 20°C		09/30/97	09/17/13	12/31/11
2449	**Propylene glycol dinitrate**	**6423-43-4**		0.07	22			06/13/02	02/12/15	
2450	**Propylene glycol monomethyl ether acetate, alpha-isomer; (1-Methoxypropyl-2-acetate)**	**108-65-6**	150	3.7	20	0.969 @ 20°C	15000	04/14/04	03/10/15	04/01/09
2451	**Propylene glycol monomethyl ether acetate, beta-isomer; (2-Methoxypropoyl-1-acetate)**	**70657-70-4**						04/01/09	03/10/15	04/06/09
2452	Propylene glycol monomethyl ether; (Ucar Triol HG-170)	107-98-2	119	12.5	25	0.9620 @ 20°C	16000	08/21/96	06/03/13	06/03/13

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2453	Propylene glycol mono-n-butyl ether; (3-Butoxy-1-propanol)	10215-33-5	132.23	ppm	5.40	C7H16O2		
2454	Propylene glycol; (1,2-Propanediol)	57-55-6	76.1	mg/m^3	3.11	C3H8O2	L	-60
2455	**Propylene oxide; (Methyl ethylene oxide)**	**75-56-9**	58.08	ppm	2.37	C3H6O	L	-112.13
2456	Propylene; (1-Propene)	115-07-1	42.09	ppm	1.72	H2C=CHCH3	G/L	-185
2457	**Propyleneimine, 1,2-**	**75-55-8**	57.1	ppm	2.33	C3H7N	L	-65
2458	**Propyltrichlorosilane**	**141-57-1**	177.54	ppm	7.26	C3.H7.Cl3.Si	L	
2459	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	285.39	mg/m^3	11.66	C9H20NO3PS2	S	28.5
2460	Pump oil; (petroleum distillates, solvent de-waxed heavy paraffinic	64742-65-0		mg/m^3			L	
2461	Pyrene	129-00-0	202.25	mg/m^3	8.27	C16H10	S	150.62
2462	Pyrethrin 1; (Cyclopropaneacrylic acid, 2,2-dimethyl-3-(2-methylpropenyl)-, ester with 4-hydroxy-3-methyl-2-(2,4-pentadienyl)-2-cyclopenten-1-one)	121-21-1	328.49	mg/m^3	13.43	C21.H28.O3	L	
2463	Pyridine	110-86-1	79.1	ppm	3.23	C6H5N	L	-41.7
2464	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	107.12	mg/m^3	4.38	C6.H5.N.O	L	12
2465	Pyridine-d5	7291-22-7	84.13	ppm	3.44	C5.D5.N	L	-42
2466	Pyriminil; (Pyriminyl)	53558-25-1	272.29	mg/m^3	11.13	C13H12N4O3	S	223-225
2467	Pyrogallic acid	87-66-1	126.12	mg/m^3	5.15	C6.H6.O3	S	131-133
2468	Pyromellitic acid	89-05-4	254.16	mg/m^3	10.39	C10H6O8	S	257-265
2469	Pyrrole; (Imidole)	109-97-7	67.1	ppm	2.74	C4.H5.N	L	-23.4
2470	Pyrrolidine	123-75-1	71.14	mg/m^3	2.91	C4H9N	L	-63
2471	Pyrrolidinone, 2-	616-45-5	85.12	ppm	3.48	C4-H7-N-O	S	24.6
2472	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1		mg/m^3			S	
2473	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, chlorides; (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium chlorides)	70750-47-9		mg/m^3			S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2453	Propylene glycol mono-n-butyl ether; (3-Butoxy-1-propanol)	10215-33-5						07/09/97	09/17/13	12/31/11
2454	Propylene glycol; (1,2-Propanediol)	57-55-6	187.6	7.5x10-2	13	1.0361 @ 20°C	26000	08/21/96	03/10/15	01/25/12
2455	**Propylene oxide; (Methyl ethylene oxide)**	**75-56-9**	34.23	538	25	0.8304 @ 20°C	23000	12/30/95	03/10/15	10/11/05
2456	Propylene; (1-Propene)	115-07-1	-47.7	7600	19.8	0.581 @ 0°C	20000	06/13/02	01/14/13	01/14/13
2457	**Propyleneimine, 1,2-**	**75-55-8**	67	140	25	0.812 @ 16°C		09/30/97	04/10/14	05/14/10
2458	**Propyltrichlorosilane**	**141-57-1**	123.5	28.8	20	1.195 @ 20°C		09/05/08	02/09/15	
2459	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	330	0.0001	25			12/08/02	09/17/13	12/31/11
2460	Pump oil; (petroleum distillates, solvent de-waxed heavy paraffinic	64742-65-0	>315			0.6-0.9		04/14/04	01/03/14	01/03/14
2461	Pyrene	129-00-0	404	45.x10-6	25	1.271 @ 23°C		09/30/97	09/17/13	12/31/11
2462	Pyrethrin 1; (Cyclopropaneacrylic acid, 2,2-dimethyl-3-(2-methylpropenyl)-, ester with 4-hydroxy-3-methyl-2-(2,4-pentadienyl)-2-cyclopenten-1-one)	121-21-1	170 @ 1 mmHg	2.03E-05	?	1.5192 @ 18°C		01/08/08	09/17/13	12/31/11
2463	Pyridine	110-86-1	115.23	20.8	25	0.9827 @ 20°C	18000	12/30/95	03/10/15	01/30/12
2464	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	71-73			1.137		07/11/07	09/18/13	12/31/11
2465	Pyridine-d5	7291-22-7	114.4			1.05	18000	07/11/07	09/18/13	09/18/13
2466	Pyriminil; (Pyriminyl)	53558-25-1		0.00001	25			12/08/02	09/18/13	12/31/11
2467	Pyrogallic acid	87-66-1	309	10	167.7	1.453 @ 4°C		10/11/05	09/18/13	12/31/11
2468	Pyromellitic acid	89-05-4				1.79		08/07/98	09/18/13	12/31/11
2469	Pyrrole; (Imidole)	109-97-7	129.7	8.35	25	0.9698 @ 20°C		07/11/07	09/18/13	05/02/12
2470	Pyrrolidine	123-75-1	88.5-89	128	39	0.8618		01/04/99	03/10/15	12/31/11
2471	Pyrrolidinone, 2-	616-45-5	245	0.00949	25	1.116		12/08/02	09/18/13	07/26/12
2472	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1				0.96		04/14/04	09/18/13	12/31/11
2473	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, chlorides; (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium chlorides)	70750-47-9						09/05/08	09/20/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2474	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, nitrates (salts); (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium nitrates)	71487-00-8		mg/m^3			S	
2475	Quinhydrone	106-34-3	220.24	mg/m^3	9.00	C12H10O4	S	171
2476	Quinoline	91-22-5	129.16	ppm	5.28	C9H7N	L	-14.78
2477	Quinolinol, 8-	148-24-3	145.17	mg/m^3	5.93	C9H7NO	S	76
2478	Red Arrow Insect Spray	z-0117		mg/m^3			L	
2479	Resorcinol	108-46-3	110.11	ppm	4.50	C6H6O2	S	109.4
2480	Rexyn I-300; (Ethylene glycol dimethacrylate polymer with styrene, chloromethylated, trimethylamine-quaternized, hydroxide)	69011-49-0	361.4586	mg/m^3	14.77	(C10.H14.O4.C8.H8.C3.H9.N)x	S	
2481	Rhenium hexafluoride	10049-17-9	300.197	mg/m^3	12.27	ReF6	L	18.5
2482	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	484.41	mg/m^3	19.80	Re2-O7	S	297
2483	Rhodium	7440-16-6	102.91	mg/m^3	4.21	Rh	S	1966
2484	Rhodium oxide; (Rhodium(IV) oxide)	12137-27-8	134.91	mg/m^3	5.51	Rh-O2	L	
2485	Rhodium(III) hydroxide	21656-02-0	153.93	mg/m^3	6.29	Rh-(OH)3	L sol	
2486	Rhodium(III) oxide (solids)	12036-35-0	253.8092	mg/m^3	10.37	Rh2-O3	S is	1100 dec
2487	Ricin	9009-86-3	~64kDa	mg/m^3		[Unknown]	S	
2488	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7		mg/m^3			S	
2489	Rotenone	83-79-4	394.42	mg/m^3	16.12	C23H22O6	S	176
2490	Rubidium	7440-17-7	85.47	mg/m^3	3.49	Rb	S	39.5
2491	Rubidium bromide	7789-39-1	165.37	mg/m^3	6.76	BrRb	S	693
2492	Rubidium chloride	7791-11-9	120.92	mg/m^3	4.94	ClRb	S	718
2493	Rubidium hydroxide	1310-82-3	102.48	mg/m^3	4.19	Rb-OH	V	382

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2474	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, nitrates (salts); (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium nitrates)	71487-00-8						09/05/08	10/10/13	12/31/11
2475	Quinhydrone	106-34-3				1.4		01/04/99	09/18/13	12/31/11
2476	Quinoline	91-22-5	237.16	7.5x10-2	23.7	1.0977 @ 15°C	12000	09/30/97	03/10/15	07/26/12
2477	Quinolinol, 8-	148-24-3	267					08/07/98	09/18/13	09/18/13
2478	Red Arrow Insect Spray	z-0117						02/19/08	11/14/13	11/14/13
2479	Resorcinol	108-46-3	276.5	4.89 x10-4	25	1.278 @ 20°C	14000	08/21/96	01/14/13	01/14/13
2480	Rexyn I-300; (Ethylene glycol dimethacrylate polymer with styrene, chloromethylated, trimethylamine-quaternized, hydroxide)	69011-49-0				1.2		10/11/05	09/18/13	12/31/11
2481	Rhenium hexafluoride	10049-17-9	33.6					10/11/05	09/18/13	12/31/11
2482	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	360			6.1		12/08/02	09/18/13	12/31/11
2483	Rhodium	7440-16-6	3727			12.41		01/04/99	07/10/14	12/31/11
2484	Rhodium oxide; (Rhodium(IV) oxide)	12137-27-8				7.2		12/08/02	07/10/14	07/10/14
2485	Rhodium(III) hydroxide	21656-02-0						12/08/02	07/10/14	07/10/14
2486	Rhodium(III) oxide (solids)	12036-35-0				8.2		12/08/02	07/10/14	12/31/11
2487	Ricin	9009-86-3						11/19/14		
2488	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7						04/14/04	09/18/13	12/06/12
2489	Rotenone	83-79-4	215 @ 0.5 mmHg	8.00E-04	20	1.27 @ 20°C		09/30/97	01/22/14	07/26/12
2490	Rubidium	7440-17-7	688			1.532 @ 20°C		07/24/07	09/18/13	12/31/11
2491	Rubidium bromide	7789-39-1	1340			3.35		08/07/98	09/18/13	12/31/11
2492	Rubidium chloride	7791-11-9	1390			2.76		08/07/98	10/25/13	12/08/11
2493	Rubidium hydroxide	1310-82-3				3 .203 @ 11°C		12/08/02	09/18/13	12/31/11

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2494	Rubidium nitrate	13126-12-0	147.48	mg/m^3	6.03	NO3Rb	S	
2495	Ruthenium	7440-18-8	101.07	mg/m^3	4.13	Ru	S	2333
2496	Ruthenium trichloride	10049-08-8	207.42	mg/m^3	8.48	Cl3Ru	S	500 dec
2497	Ruthenium(IV) oxide	12036-10-1	133.07	mg/m^3	5.44	Ru-O2	V	
2498	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	162.2	mg/m^3	6.63	C10H10O2	L	11
2499	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1	325.25	mg/m^3	13.29	C16H14CoN2O2	S	
2500	Salicylaldehyde	90-02-8	122.13	mg/m^3	4.99	C7.H6.O2	L	-7
2501	Samarium	7440-19-9	150.36	mg/m^3	6.15	Sm	S	1072
2502	Samarium chloride	10361-82-7	256.7	mg/m3	10.49	Cl3Sm	S	686
2503	Samarium nitrate	10361-83-8	336.38	mg/m^3	13.75	N3O9Sm	S	
2504	Samarium(II) iodide solution	32248-43-4	404.17	mg/m^3	16.52	Sm.I2	S	
2505	Samarium(III) chloride hexahydrate	13465-55-9	364.81	mg/m^3	14.91	Cl3.H12.O6.Sm	S	110
2506	Samarium(III) oxide	12060-58-1	348.72	mg/m^3	14.25	Sm2-O3	S	
2507	Satratoxin H	53126-64-0	528.65	mg/m^3	21.61	C29H36O9	S	
2508	Saxitoxin	35523-89-8	299.34	mg/m^3	12.23	C10.H17.N7.O4	S	
2509	Scandium	7440-20-2	44.956	mg/m^3	1.84	Sc	S	1541
2510	Scandium oxide	12060-08-1	137.91	mg/m^3	5.64	Sc2-O3	S	2485
2511	Selenious acid	7783-00-8	128.97	mg/m^3	5.27	H2O3Se	S	70 dec
2512	Selenium	7782-49-2	78.96	mg/m^3	3.23	Se	S	220.8
2513	Selenium dioxide	7446-08-4	110.96	mg/m^3	4.54	O2Se	S	340 triple point
2514	**Selenium hexafluoride**	**7783-79-1**	192.95	ppm	7.89	F6Se	G	-34.6 triple point
2515	Selenium monosulfide	7446-34-6	111.02	mg/m^3	4.54	SSe	S	111.03

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2494	Rubidium nitrate	13126-12-0						01/04/99	09/18/13	12/31/11
2495	Ruthenium	7440-18-8	4150	7.5x10-3	2315	12.1		09/30/97	09/18/13	12/31/11
2496	Ruthenium trichloride	10049-08-8				3.11		08/07/98	09/18/13	12/31/11
2497	Ruthenium(IV) oxide	12036-10-1				7.05		12/08/02	06/25/13	06/25/13
2498	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	232.5	1	63.8	1.0960 @ 20°C		06/13/02	09/18/13	07/19/13
2499	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1		0.00001	25			12/08/02	09/18/13	12/06/12
2500	Salicylaldehyde	90-02-8	197	0.593	25	1.167		07/11/07	09/18/13	07/27/12
2501	Samarium	7440-19-9	1778			7.536		07/11/07	09/18/13	12/31/11
2502	Samarium chloride	10361-82-7						04/30/15		
2503	Samarium nitrate	10361-83-8						09/30/97	09/18/13	12/31/11
2504	Samarium(II) iodide solution	32248-43-4				0.922		07/11/07	10/10/13	10/10/13
2505	Samarium(III) chloride hexahydrate	13465-55-9				2.38		10/11/05	04/30/15	04/30/15
2506	Samarium(III) oxide	12060-58-1				8.347		12/08/02	09/18/13	12/31/11
2507	Satratoxin H	53126-64-0						01/14/15		
2508	Saxitoxin	35523-89-8						10/11/05	01/09/15	01/09/15
2509	Scandium	7440-20-2	2836			2.989		10/11/05	09/18/13	12/31/11
2510	Scandium oxide	12060-08-1				3.864		12/08/02	09/18/13	12/31/11
2511	Selenious acid	7783-00-8		2	15	3		12/30/95	07/02/14	12/06/12
2512	Selenium	7782-49-2	685	7.5x10-3	227	4.809		12/30/95	07/02/14	01/14/13
2513	Selenium dioxide	7446-08-4	315 subl	7.5x10-3	124.5	3.95		09/30/97	07/02/14	07/27/12
2514	**Selenium hexafluoride**	**7783-79-1**	-46.6 subl	750	-46.5	7.887		09/30/97	02/17/15	08/17/07
2515	Selenium monosulfide	7446-34-6	118dec			3.056 @ 0°C		03/01/00	07/02/14	09/18/13

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2516	Selenium oxychloride	7791-23-3	165.86	mg/m^3	6.78	Cl2OSe	L	10.9
2517	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4	143.08	mg/m^3	5.85	S2Se	S	<100
2518	Semicarbazide hydrochloride	563-41-7	111.55	mg/m^3	4.56	CH5N3O.ClH	S/L	176 decom
2519	Sephacryl s-200, superfine	65546-95-4		mg/m^3				
2520	Sephacryl s-300	82785-74-8		mg/m^3				
2521	Sephadex G-25	9041-35-4		mg/m^3			S	
2522	Shigella, shigatoxin; (shiga-like toxins)	75757-64-1	~62kDa	mg/m^3			S	
2523	**Silane; (Silicon tetrahydride)**	**7803-62-5**	32.13	ppm	1.31	H4Si	G	-185
2524	Silica amorphous hydrated	7631-86-9	60.08	mg/m^3	2.46	O2Si	S	
2525	Silica gel	63231-67-4		mg/m^3		Si.O2	S	1610
2526	Silica gel dessicant	1343-98-2		mg/m^3		Si.O2	S coll.	1610
2527	Silica gel, amorphous synthetic	112926-00-8		mg/m^3		Si.O2	S	
2528	Silica, amorphous fume	69012-64-2		mg/m^3		[Unspecified]		3110
2529	Silica, amorphous fumed	112945-52-5	60.09	mg/m^3	2.46	O2Si	S pwdr	
2530	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	60.09	mg/m^3	2.46	O2Si	S	573
2531	Silicic acid	7699-41-4	78.09958	mg/m^3	3.19	Si-H2-O3	S	
2532	Silicic acid, aluminum calcium sodium salt	1344-01-0	135	mg/m^3	5.52	Si.OH.Al.Ca.Na	S react	
2533	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	184.04268	mg/m^3	7.52	Na4.O4.Si	S	
2534	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4	144.09	mg/m^3	5.89	H2F6Si	L	
2535	Silicon	7440-21-3	28.09	mg/m^3	1.15	Si	S	1414
2536	Silicon carbide	409-21-2	40.1	mg/m^3	1.64	CSi	S	2830
2537	Silicon nitride	12033-89-5	140.284	mg/m^3	5.73	Si3.N4	S	1900

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2516	Selenium oxychloride	7791-23-3	176.4	2.9	25	2.42 @ 22°C		12/08/02	07/02/14	07/27/12
2517	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4						03/01/00	07/02/14	12/31/11
2518	Semicarbazide hydrochloride	563-41-7						06/13/02	12/06/12	12/06/12
2519	Sephacryl s-200, superfine	65546-95-4						07/11/07	09/18/13	12/31/11
2520	Sephacryl s-300	82785-74-8						07/11/07	09/18/13	12/31/11
2521	Sephadex G-25	9041-35-4						04/14/04	09/18/13	12/31/11
2522	Shigella, shigatoxin; (shiga-like toxins)	75757-64-1						01/16/15		
2523	**Silane; (Silicon tetrahydride)**	**7803-62-5**	-112			0.68 @ 185°C	14000	08/07/98	03/10/15	
2524	Silica amorphous hydrated	7631-86-9				2.2		09/30/97	09/18/13	12/31/11
2525	Silica gel	63231-67-4	2503	10	1732	2.2		04/14/04	09/18/13	12/31/11
2526	Silica gel dessicant	1343-98-2	2503 @ 20ºC	10	1732	2.2		04/14/04	09/18/12	09/18/12
2527	Silica gel, amorphous synthetic	112926-00-8						04/14/04	09/18/12	09/18/12
2528	Silica, amorphous fume	69012-64-2	4046			2.2		03/01/00	01/14/13	01/14/13
2529	Silica, amorphous fumed	112945-52-5						09/30/97	07/27/12	07/27/12
2530	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	2950	7.5x10-3	1966	2.648		08/21/96	10/24/12	10/24/12
2531	Silicic acid	7699-41-4						10/24/07	09/18/13	12/31/11
2532	Silicic acid, aluminum calcium sodium salt	1344-01-0						10/11/05	02/27/14	02/27/14
2533	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	102	18				04/14/04	09/18/13	12/31/11
2534	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4				1.0407 @ 17.5°C		12/30/95	09/18/13	12/31/11
2535	Silicon	7440-21-3	3265	7.5x10-3	1635	2.3296		09/30/97	09/18/13	12/31/11
2536	Silicon carbide	409-21-2				3.16		09/30/97	09/18/12	09/18/12
2537	Silicon nitride	12033-89-5				3.17		10/11/05	09/18/13	12/31/11

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2538	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**	104.09	ppm	4.25	F4Si	G	-77
2539	Silicon(II) oxide; (Silicon oxide)	10097-28-6	44.09	mg/m^3	1.80	OSi	S	>1702
2540	Siloprene k 1000 (Polydimethylsiloxane rubber)	63394-02-5		mg/m^3			S	
2541	Siloxanes and silicones, dimethyl, reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7		mg/m^3		Unspecificed	S	
2542	Siloxanes and silicones, methyl phenyl; (Silicon Y-6607; Silicone fluid, high temp)	67762-92-9	75	mg/m^3	3.07	R2.SI-O	L	
2543	Silver	7440-22-4	107.87	mg/m^3	4.41	Ag	S	961.78
2544	Silver carbonate; (Silver(I) carbonate)	534-16-7	275.7456	mg/m^3	11.27	Ag2-CO3	S	218
2545	Silver chloride	7783-90-6	143.321	mg/m^3	5.86	AgCl	S	455
2546	Silver cyanide	506-64-9	133.89	mg/m^3	5.47	AgCN	S	320 dec
2547	Silver hydroxide	12673-77-7	124.875	mg/m^3	5.10	Ag.OH	S	
2548	Silver nitrate	7761-88-8	169.87	mg/m^3	6.94	AgNO3	S	210
2549	Silver nitrite; (Silver(I) nitrite)	7783-99-5	153.874	mg/m^3	6.29	Ag-NO2	S	
2550	Silver oxide	20667-12-3	231.74	mg/m^3	9.47	Ag2O	S	~ 200 dec
2551	Soda lime	8006-28-8		mg/m^3		Ca.O + >4% Na.OH	S	
2552	Sodium	7440-23-5	22.99	mg/m^3	0.94	Na	S	97.794
2553	Sodium acetate	127-09-3	82.03	mg/m^3	3.35	C2H3NaO2	S	328.2
2554	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	82.04	mg/m^3	3.35	Na.C2.H4.O2.3(H2O)	S hygr	324
2555	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1	81.97	mg/m^3	3.35	[Unspecified]	S hygr	1650
2556	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7	81.97	mg/m^3	3.35	AlNaO2	S hygr	1650
2557	Sodium aluminum hydride	13770-96-2	54.01	mg/m^3	2.21	Al.H4.Na	S	183
2558	Sodium aluminum silicate; sodium aluminosilicate (1344-00-9)	73987-94-7	410.94	mg/m^3	16.80	Al.12(Na.Si.O4)	S	
2559	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0	246.79	mg/m^3	10.09	Na.Sb.O3	S	

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2538	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**						12/08/02	02/17/15	08/17/07
2539	Silicon(II) oxide; (Silicon oxide)	10097-28-6	1880			2.15		08/07/98	09/18/13	12/31/11
2540	Siloprene k 1000 (Polydimethylsiloxane rubber)	63394-02-5						10/11/05	10/10/13	10/10/13
2541	Siloxanes and silicones, dimethyl, reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7	> 140 @ 0.002 mm	< 5	20	1.8		04/14/04	10/10/13	10/10/13
2542	Siloxanes and silicones, methyl phenyl; (Silicon Y-6607; Silicone fluid, high temp)	67762-92-9						11/15/96	09/18/13	12/31/11
2543	Silver	7440-22-4	2162	7.5x10-3	1010	10.5		12/30/95	09/18/13	12/06/12
2544	Silver carbonate; (Silver(I) carbonate)	534-16-7				6.077		12/08/02	02/26/14	09/20/13
2545	Silver chloride	7783-90-6	1547	7.5x10-3	670	5.56		11/15/96	02/26/14	09/20/13
2546	Silver cyanide	506-64-9				3.95		12/30/95	02/26/14	02/26/14
2547	Silver hydroxide	12673-77-7						12/08/02	02/26/14	12/31/11
2548	Silver nitrate	7761-88-8	440 dec			4.35		12/30/95	03/28/14	03/28/14
2549	Silver nitrite; (Silver(I) nitrite)	7783-99-5						12/08/02	03/10/14	12/31/11
2550	Silver oxide	20667-12-3				7.2		11/15/96	04/01/14	04/01/14
2551	Soda lime	8006-28-8						04/14/04	04/23/15	04/23/15
2552	Sodium	7440-23-5	882.94	7.5x10-3	280.6	0.97		07/09/97	09/19/13	01/25/12
2553	Sodium acetate	127-09-3				1.528		09/30/97	09/19/13	12/31/11
2554	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	dec			1.528		04/14/04	09/19/13	12/31/11
2555	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1				1.55		01/04/99	02/27/14	12/31/11
2556	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7				4.63		01/10/01	02/27/14	12/31/11
2557	Sodium aluminum hydride	13770-96-2				1.24		08/17/07	09/19/13	12/31/11
2558	Sodium aluminum silicate; sodium aluminosilicate (1344-00-9)	73987-94-7						12/08/02	12/16/13	12/16/13
2559	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0						07/02/08	07/11/14	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2560	Sodium antimonite	z-0061	212.78	mg/m^3	8.70	Na.Sb.(OH)4	S	
2561	Sodium argentate	z-0062	164.87	mg/m^3	6.74	Na.Ag.(OH)2	S	
2562	Sodium arsenate	7631-89-2	202.94	mg/m^3	8.29	AsH3O4.7Na	S	86
2563	Sodium arsenite	7784-46-5	129.91	mg/m^3	5.31	AsNaO2	S	
2564	Sodium azide	26628-22-8	65.01	mg/m^3	2.66	N3.Na	S	300 dec
2565	Sodium beryllium oxide	z-0063	112.0021	mg/m^3	4.58	Na2-Be2-O3	S	
2566	Sodium bicarbonate	144-55-8	84.01	mg/m^3	3.43	CHNaO3	S	~ 50 dec
2567	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1	62	mg/m^3	2.53	F2HNa	S	decom
2568	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	202.16	mg/m^3	8.26	C6.H16.Al.Na.O4	S	
2569	Sodium bismuthate	12232-99-4	279.97	mg/m^3	11.44	NaBi(OH)4 or BiNaO3	S	
2570	Sodium bisulfate monohydrate	10034-88-5	138.08	mg/m^3	5.64	Na.H.O4.S.H2O	S	
2571	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1	120.06	mg/m^3	4.91	HNaO4S	S	>315dec
2572	Sodium bisulfite	7631-90-5	104.06	mg/m^3	4.25	HNaO3S	S	dec
2573	Sodium borate decahydrate (Borax)	1303-96-4	381.37	mg/m^3	15.59	B4H20Na2O17	S	75 dec
2574	Sodium borate; (Disodium tetraborate)	1330-43-4	201.22	mg/m^3	8.22	B4Na2O7	S	743
2575	Sodium borohydride	16940-66-2	37.84	mg/m^3	1.55	BH4Na	S	497 dec
2576	Sodium bromate	7789-38-0	150.9	mg/m^3	6.17	BrNaO3	S	381
2577	Sodium bromide	7647-15-6	102.9	mg/m^3	4.21	BrNa	S	747
2578	Sodium butyl (2-ethylhexyl)phosphate	z-0064	288.30	mg/m^3	11.78	[Unknown]		
2579	Sodium butyl butylphosphonate	z-0065	232.19	mg/m^3	9.49	[Unknown]		
2580	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2	159.99	mg/m^3	6.54	AsO2C2H6.Na	S	200
2581	Sodium cadminate	z-0066	226.42	mg/m^3	9.25	Na2-Cd-(OH)4	S	

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2560	Sodium antimonite	z-0061						12/08/02	07/11/14	12/31/11
2561	Sodium argentate	z-0062						12/08/02	03/28/14	12/31/11
2562	Sodium arsenate	7631-89-2						11/15/96	01/27/14	01/27/14
2563	Sodium arsenite	7784-46-5				1.87		11/15/96	01/27/14	12/31/11
2564	Sodium azide	26628-22-8		7.5x10-3	20	1.846		11/15/96	07/09/13	07/09/13
2565	Sodium beryllium oxide	z-0063						12/08/02	02/04/14	01/17/12
2566	Sodium bicarbonate	144-55-8				2.2		07/09/97	09/20/13	12/31/11
2567	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1				2.08		06/13/02	09/20/13	12/31/11
2568	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	396-402			1.036		10/11/05	02/27/14	12/31/11
2569	Sodium bismuthate	12232-99-4						12/08/02	09/20/13	12/31/11
2570	Sodium bisulfate monohydrate	10034-88-5				2.1		04/14/04	09/20/13	12/31/11
2571	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1				2.43513		08/07/98	09/20/13	12/31/11
2572	Sodium bisulfite	7631-90-5				1.48		09/30/97	09/20/13	12/31/11
2573	Sodium borate decahydrate (Borax)	1303-96-4		~ 0	no temp	1.73		12/30/95	12/06/12	12/06/12
2574	Sodium borate; (Disodium tetraborate)	1330-43-4	1575	negligible	20	2.4		12/30/95	12/06/12	12/06/12
2575	Sodium borohydride	16940-66-2				1.07		08/07/98	02/04/14	02/04/14
2576	Sodium bromate	7789-38-0				3.339		08/07/98	09/20/13	12/31/11
2577	Sodium bromide	7647-15-6	1390			3.21		01/10/01	10/07/13	10/07/13
2578	Sodium butyl (2-ethylhexyl)phosphate	z-0064						12/08/02	12/13/13	12/13/13
2579	Sodium butyl butylphosphonate	z-0065						12/08/02	12/13/13	12/13/13
2580	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2						06/13/02	01/28/14	01/28/14
2581	Sodium cadminate	z-0066						12/08/02	05/18/15	05/18/15

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2582	Sodium carbonate	497-19-8	105.99	mg/m^3	4.33	CNa2O3	S hygr	851
2583	Sodium carbonate monohydrate	5968-11-6	124.005	mg/m^3	5.07	Na2CO3.H2O	S	851
2584	Sodium chlorite	7758-19-2	90.44	mg/m^3	3.70	Na.Cl.O2	S	257
2585	Sodium chromate decahydrate	13517-17-4	342.18	mg/m^3	13.99	CrH20Na2O14	S	
2586	Sodium chromate tetrahydrate	10034-82-9	303.03	mg/m^3	12.39	2Na.Cr.O4.4H2O	S	dec.
2587	Sodium chromate(VI); (Disodium chromate)	7775-11-3	161.97	mg/m^3	6.62	CrNa2O4	S	794
2588	Sodium citrate; (Monosodium citrate)	18996-35-5	214.12	mg/m^3	8.75	C6H7NaO7	S	
2589	Sodium cobaltinitrite	13600-98-1	403.96	mg/m^3	16.51	CoN6Na3O12	S	
2590	**Sodium cyanide**	**143-33-9**	49.01	mg/m^3	2.00	CNNa	S	563
2591	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1	88.08	mg/m^3	3.60	C5.H5.Na	S	
2592	Sodium deuteroxide	14014-06-3	41	mg/m^3	1.68	Na.O.D	S	
2593	Sodium dichromate dihydrate	7789-12-0	298.02	mg/m^3	12.18	Cr2H4Na2O9	S	loses H2O at 100
2594	Sodium dichromate; (Disodium dichromate)	10588-01-9	261.98	mg/m^3	10.71	Cr2Na2O7	S	356.7
2595	Sodium diethyldithiocarbamate trihydrate	20624-25-3	225.33	mg/m^3	9.21	C5.H10.N.S2.Na.3H2.0	S	95
2596	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5	171.27	mg/m^3	7.00	C5H10NS2.Na	S	95
2597	Sodium dithionate dihydrate	7631-94-9	242.14	mg/m^3	9.90	Na2.S2.O6.2H2O	S	110
2598	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0	348.52	mg/m^3	14.24	C18H29NaO3S	S	
2599	Sodium ethoxide	141-52-6	68.05	mg/m^3	2.78	C2.H5.O.Na	S hygr	260 dec
2600	Sodium ferrocyanide	13601-19-9	303.93	mg/m^3	12.42	C6FeN6Na4	S	
2601	Sodium fluoride	7681-49-4	41.99	mg/m^3	1.72	FNa	S	996
2602	Sodium formate	141-53-7	68.01	mg/m^3	2.78	CHNaO2	S	257
2603	Sodium gluconate	527-07-1	218.16	mg/m^3	8.92	C6H11NaO7	S hygr	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2582	Sodium carbonate	497-19-8	dec			2.509 @ 0°C		12/30/95	09/20/13	12/31/11
2583	Sodium carbonate monohydrate	5968-11-6				2.53		06/13/02	04/23/15	04/23/15
2584	Sodium chlorite	7758-19-2	180-200 dec			2.468		04/14/04	10/07/13	10/07/13
2585	Sodium chromate decahydrate	13517-17-4						11/15/96	10/30/14	10/30/14
2586	Sodium chromate tetrahydrate	10034-82-9						06/25/07	10/30/14	10/30/14
2587	Sodium chromate(VI); (Disodium chromate)	7775-11-3				2.72		12/30/95	10/30/14	10/30/14
2588	Sodium citrate; (Monosodium citrate)	18996-35-5						08/07/98	09/20/13	12/31/11
2589	Sodium cobaltinitrite	13600-98-1						08/07/98	10/24/13	10/07/13
2590	**Sodium cyanide**	**143-33-9**	1496	1	817	1.6		12/30/95	02/13/15	09/29/10
2591	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1						10/11/05	09/20/13	12/31/11
2592	Sodium deuteroxide	14014-06-3						07/11/07	10/24/13	06/12/09
2593	Sodium dichromate dihydrate	7789-12-0	400 dec			2.35 @ 13°C		01/10/01	10/30/14	10/30/14
2594	Sodium dichromate; (Disodium dichromate)	10588-01-9	400 dec			2.35 @ 13°C		12/30/95	10/30/14	10/30/14
2595	Sodium diethyldithiocarbamate trihydrate	20624-25-3				1.1 @ 20°C		10/11/05	09/20/13	12/31/11
2596	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5				1.1 @ 20°C		06/13/02	09/20/13	12/31/11
2597	Sodium dithionate dihydrate	7631-94-9	267 dec			2.19		04/14/04	09/20/13	12/31/11
2598	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0						01/04/99	09/20/13	12/31/11
2599	Sodium ethoxide	141-52-6		< 0.1	20			07/11/07	10/10/13	12/31/11
2600	Sodium ferrocyanide	13601-19-9				1.458		01/04/99	05/13/14	10/24/13
2601	Sodium fluoride	7681-49-4	1704	7.5x10-2	920	2.78		09/30/97	09/20/13	12/06/12
2602	Sodium formate	141-53-7	dec			1.92		09/30/97	09/20/13	12/31/11
2603	Sodium gluconate	527-07-1						01/10/01	09/20/13	04/25/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2604	Sodium glycinate	6000-44-8	97.06	ppm	3.97	Na-C2-H4-N-O2	S	
2605	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0	98.04	ppm	4.01	Na-C2-H3-O3	S	
2606	Sodium hexahydroxoantimonate; (Sodium antimonate)	33908-66-6	246.79	mg/m^3	10.09	H46NaO6Sb	S	
2607	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9	184.38377	mg/m^3	7.54	C6.H9.N.Si2.Na	S	
2608	Sodium hydride	7646-69-7	24	mg/m^3	0.98	Na-H	S	800 decom
2609	Sodium hydrogen lead oxide	z-0067	263.2	mg/m^3	10.76	Na-H-Pb-O2	S	
2610	Sodium hydrogen metasilicate	z-0068	100.081	mg/m^3	4.09	Na-H-Si-O3	S	
2611	Sodium hydrogen pyrophosphate	z-0069	243.92	mg/m^3	9.97	Na3-H-P2-O7	S	
2612	Sodium hydrosulfite	7775-14-6	174.1	mg/m^3	7.12	O4S2.2Na	S	55 dec
2613	**Sodium hydroxide**	**1310-73-2**	40	mg/m^3	1.63	HNaO	S	323
2614	Sodium hypobromite	13824-96-9	119.9	mg/m^3	4.90	Na.Br. O.H	S	
2615	Sodium hypochlorite	7681-52-9	75.45	mg/m^3	3.08	ClHO.Na	S	18
2616	Sodium hypochlorite pentahydrate	10022-70-5	165.55	mg/m^3	6.77	ClHO.Na.5H2O	L	
2617	Sodium hypophosphite	7681-53-0	87.98	mg/m^3	3.60	H2.O2.P.Na	S	
2618	Sodium hypophosphite hydrate	123333-67-5		mg/m^3		Na.H2.O2.P-hydrate	S hygr	dec
2619	Sodium iodate	7681-55-2	197.89	mg/m^3	8.09	Na-I-O3	S	dec
2620	Sodium iodide	7681-82-5	149.89	mg/m^3	6.13	INa	S	660
2621	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7	81.07	mg/m^3	3.31	Na.C.N.S	S deliq	287
2622	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3	112.07	mg/m^3	4.58	C3.H5.O3.Na	S hygr	
2623	Sodium lanthanate	z-0070	229.92	mg/m^3	9.40	Na-La-(OH)4	S	
2624	Sodium lauryl sulfate	151-21-3	288.38	mg/m^3	11.79	C12H25NaO4S	S	205
2625	Sodium metabisulfite	7681-57-4	190.11	mg/m^3	7.77	Na2O5S2	S	150 dec

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2604	Sodium glycinate	6000-44-8						12/08/02	09/20/13	12/31/11
2605	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0						12/08/02	03/10/15	10/25/13
2606	Sodium hexahydroxoantimonate; (Sodium antimonate)	33908-66-6						12/08/02	07/11/14	07/11/14
2607	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9						10/11/05	09/20/13	12/31/11
2608	Sodium hydride	7646-69-7				0.9		06/13/02	11/14/13	11/14/13
2609	Sodium hydrogen lead oxide	z-0067						12/08/02	05/22/14	03/10/14
2610	Sodium hydrogen metasilicate	z-0068						12/08/02	12/13/13	12/13/13
2611	Sodium hydrogen pyrophosphate	z-0069						04/15/07	12/16/13	12/13/13
2612	Sodium hydrosulfite	7775-14-6						08/07/98	09/20/13	12/31/11
2613	**Sodium hydroxide**	**1310-73-2**	1388	7.5x10-3	513	2.13		11/30/92	09/20/13	
2614	Sodium hypobromite	13824-96-9						09/05/08	09/20/13	12/31/11
2615	Sodium hypochlorite	7681-52-9						08/07/98	09/20/13	12/31/11
2616	Sodium hypochlorite pentahydrate	10022-70-5				1.21 @ 20°C		06/13/02	09/20/13	02/13/12
2617	Sodium hypophosphite	7681-53-0						10/11/05	09/20/13	12/31/11
2618	Sodium hypophosphite hydrate	123333-67-5						04/14/04	05/26/15	05/26/15
2619	Sodium iodate	7681-55-2				4.277 @ 17.5°C		12/08/02	09/20/13	12/31/11
2620	Sodium iodide	7681-82-5	1304	1	767	3.667		08/07/98	09/20/13	12/31/11
2621	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7						04/14/04	09/20/13	07/27/12
2622	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3						07/11/07	09/20/13	12/31/11
2623	Sodium lanthanate	z-0070						12/08/02	12/13/13	12/13/13
2624	Sodium lauryl sulfate	151-21-3						09/30/97	09/20/13	12/31/11
2625	Sodium metabisulfite	7681-57-4				1.4		09/30/97	12/07/12	12/07/12

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2626	Sodium metaborate	7775-19-1	66.81	mg/m^3	2.73	Na-B-H-O2	S	966
2627	Sodium metaphosphate	10361-03-2	101.96	mg/m^3	4.17	NaO3P	S	628
2628	Sodium metasilicate nonahydrate	13517-24-3	286.22	mg/m^3	11.70	H20Na2O12Si	S	1089
2629	Sodium metasilicate pentahydrate	10213-79-3	212.15	mg/m^3	8.67	2Na.SI.O3.5 H2.O	S	72
2630	Sodium metavanadate; (Sodium vanadate)	13718-26-8	121.93	mg/m^3	4.98	NaO3V	S	630
2631	Sodium methylate	124-41-4	54.03	mg/m^3	2.21	CH3NaO	S	>300
2632	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6	241.95	mg/m^3	9.89	Na2MoO4.2H2O	S	
2633	Sodium monoxide; (Sodium oxide)	12401-86-4	38.99	mg/m^3	1.59	NaO	S	
2634	Sodium nickel oxide (Liquid)	37367-09-2	136.6717	mg/m^3	5.59	Na2.Ni.O2	L	
2635	Sodium nickelate	z-0073	172.7	mg/m^3	7.06	Na2.Ni.(O.H)4	L	
2636	Sodium nitrate	7631-99-4	85	mg/m^3	3.47	NNaO3	S	306.5
2637	Sodium nitrite	7632-00-0	69	mg/m^3	2.82	NNaO2	S	284
2638	Sodium nitroferricyanide	14402-89-2	261.94	mg/m^3	10.71	C5FeN6Na2O	S	
2639	Sodium o-benzyl-p-chlorophenate	3184-65-4	241.68	mg/m^3	9.88	C13H11ClNaO	S	
2640	Sodium orthovanadate	13721-39-6	183.91	mg/m^3	7.52	Na3-V-O4	S	850-866
2641	Sodium oxalate	62-76-0	134	mg/m^3	5.48	C2Na2O4	S	~ 250 dec
2642	Sodium pentachlorophenate	131-52-2	288.3	mg/m^3	11.78	C6Cl5O.Na	S	
2643	Sodium perchlorate	7601-89-0	122.44	mg/m^3	5.00	ClNaO4	S	482 dec
2644	Sodium perchlorate monohydrate	7791-07-3	140.46	mg/m^3	5.74	Cl.O4.Na.H2O	S	130
2645	Sodium permanganate	10101-50-5	141.93	mg/m^3	5.80	Mn.O4.Na	S	
2646	Sodium peroxide	1313-60-6	77.98	mg/m^3	3.19	Na2O2	S	675
2647	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8	273.19	mg/m^3	11.17	NaO4Re	S	420

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2626	Sodium metaborate	7775-19-1	1434			2.36		12/08/02	02/04/14	11/26/13
2627	Sodium metaphosphate	10361-03-2						07/09/97	09/23/13	12/31/11
2628	Sodium metasilicate nonahydrate	13517-24-3				2.614		01/10/01	12/16/13	12/16/13
2629	Sodium metasilicate pentahydrate	10213-79-3						02/19/08	12/16/13	12/16/13
2630	Sodium metavanadate; (Sodium vanadate)	13718-26-8						08/07/98	0715/14	07/15/14
2631	Sodium methylate	124-41-4	127dec					03/01/00	09/23/13	12/31/11
2632	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6				3.5		06/13/02	04/11/14	12/07/12
2633	Sodium monoxide; (Sodium oxide)	12401-86-4	1275 subl			2.27		11/30/92	10/24/13	06/12/09
2634	Sodium nickel oxide (Liquid)	37367-09-2						12/08/02	06/05/14	12/31/11
2635	Sodium nickelate	z-0073						12/08/02	06/05/14	12/31/11
2636	Sodium nitrate	7631-99-4	380 dec			2.261		12/30/95	07/09/13	06/27/13
2637	Sodium nitrite	7632-00-0	> 320 dec			2.17		12/30/95	11/22/13	11/22/13
2638	Sodium nitroferricyanide	14402-89-2						01/04/99	04/08/14	07/27/12
2639	Sodium o-benzyl-p-chlorophenate	3184-65-4						09/30/97	09/23/13	12/31/11
2640	Sodium orthovanadate	13721-39-6						12/08/02	07/15/14	07/15/14
2641	Sodium oxalate	62-76-0				2.34		08/21/96	09/23/13	12/31/11
2642	Sodium pentachlorophenate	131-52-2						06/13/02	09/23/13	12/31/11
2643	Sodium perchlorate	7601-89-0				2.02		08/07/98	09/23/13	12/31/11
2644	Sodium perchlorate monohydrate	7791-07-3				2.02		04/14/04	09/23/13	12/31/11
2645	Sodium permanganate	10101-50-5				1.972		07/11/07	05/19/14	12/31/11
2646	Sodium peroxide	1313-60-6	657 dec			2.805		11/30/92	10/24/13	06/12/09
2647	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8						01/10/01	09/23/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2648	Sodium persulfate	7775-27-1	238.1	mg/m^3	9.73	2Na.S2.O8	S	100 dec
2649	Sodium phosphate	7632-05-5	258.93	mg/m^3	10.58	H3.O4.P.x Na	S	
2650	Sodium phosphate monobasic monohydrate	10049-21-5	119.88	mg/m^3	4.90	Na.H3.O4.P	S	
2651	Sodium phosphate, dibasic, dodecahydrate	10039-32-4	358.2	mg/m^3	14.64	HO4P.2Na.12H2O	S	
2652	Sodium phosphate, tribasic; (Sodium trimetaphosphate)	7785-84-4	305.88	mg/m^3	12.50	3Na.(PO3)3	S	
2653	**Sodium phosphide**	**12058-85-4**	99.94	ppm	4.08	Na3.P	S	
2654	Sodium polyphosphate	68915-31-1	611.770386	mg/m^3	25.00	Na6.O18.P6		
2655	Sodium polytungstate	12141-67-2	2986.13006	mg/m^3	122.05	H2.O40.W12-6Na	S	
2656	Sodium potassium tartrate tetrahydrate	6381-59-5	282.22	mg/m^3	11.53	C4.H4.K.Na.O6.4H2O	S	90 - 100
2657	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	210.16	mg/m^3	8.59	C4.H4.K.Na.O6	S pwdr	90 - 100
2658	Sodium p-tert-amylphenate; (4-(1,1-Dimethylpropyl)phenol, sodium salt)	31366-95-7	186.25	mg/m^3	7.61	C11H15NaO		
2659	Sodium pyrophosphate decahydrate	13472-36-1	446.1	mg/m^3	18.23	2Na.H2.O7.P2.10 H2O	S	
2660	Sodium pyrophosphate, di-	7758-16-9	221.94	mg/m^3	9.07	H2Na2O7P2	S	220 dec
2661	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6	110.04667	mg/m^3	4.50	C3.H3.O5.Na	S	300
2662	Sodium salicylate; (Salicylic acid, sodium salt)	54-21-7	160.11	mg/m^3	6.54	C7.H5.Na.O3	S	200
2663	Sodium selenate; (Disodium selenate)	13410-01-0	188.94	mg/m^3	7.72	SeO4.2Na	S/L	
2664	Sodium selenite	10102-18-8	172.94	mg/m^3	7.07	SeO3.2Na	S	710
2665	Sodium silicate; (Sodium metasilicate)	6834-92-0	122.07	mg/m^3	4.99	Na2O3Si	L/S	1089
2666	Sodium stannate	12058-66-1	212.687736	mg/m^3	8.69	Na2-Sn-O3	S	
2667	Sodium stearate	822-16-2	306.52	mg/m^3	12.53	C18H36O2.Na	S	
2668	Sodium strontium phosphate	19553-80-1	205.58	mg/m^3	8.40	Na.Sr.PO4	S	
2669	Sodium succinate	150-90-3	162.06	ppm	6.62	Na2.C4.H4.O4	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2648	Sodium persulfate	7775-27-1				2.4		04/14/04	10/24/13	12/31/11
2649	Sodium phosphate	7632-05-5						08/21/96	09/23/13	12/31/11
2650	Sodium phosphate monobasic monohydrate	10049-21-5	204 dec			2.04		04/14/04	09/25/13	08/14/12
2651	Sodium phosphate, dibasic, dodecahydrate	10039-32-4						06/13/02	09/25/13	12/31/11
2652	Sodium phosphate, tribasic; (Sodium trimetaphosphate)	7785-84-4						06/13/02	09/25/13	12/31/11
2653	**Sodium phosphide**	**12058-85-4**						09/05/08	02/13/15	02/13/12
2654	Sodium polyphosphate	68915-31-1						10/11/05	09/25/13	12/31/11
2655	Sodium polytungstate	12141-67-2						10/11/05	07/17/14	12/31/11
2656	Sodium potassium tartrate tetrahydrate	6381-59-5	200			1.77		04/14/04	09/25/13	12/31/11
2657	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	200			1.77		04/14/04	09/25/13	12/31/11
2658	Sodium p-tert-amylphenate; (4-(1,1-Dimethylpropyl)phenol, sodium salt)	31366-95-7						09/30/97	09/25/13	12/31/11
2659	Sodium pyrophosphate decahydrate	13472-36-1						04/14/04	10/11/13	10/02/13
2660	Sodium pyrophosphate, di-	7758-16-9				1.862		08/07/98	12/13/13	12/31/11
2661	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6						04/15/07	09/25/13	12/31/11
2662	Sodium salicylate; (Salicylic acid, sodium salt)	54-21-7						04/14/04	06/27/13	06/27/13
2663	Sodium selenate; (Disodium selenate)	13410-01-0				3.098		06/13/02	07/20/14	07/20/14
2664	Sodium selenite	10102-18-8						06/13/02	07/03/14	12/11/12
2665	Sodium silicate; (Sodium metasilicate)	6834-92-0				1.1 to 1.7 @ 15°C		08/07/98	12/16/13	12/16/13
2666	Sodium stannate	12058-66-1						12/08/02	07/03/14	12/31/11
2667	Sodium stearate	822-16-2						08/07/98	09/25/13	12/31/11
2668	Sodium strontium phosphate	19553-80-1						12/08/02	12/16/13	12/16/13
2669	Sodium succinate	150-90-3						12/08/02	03/10/15	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2670	Sodium succinate, hexahydrate	6106-21-4	270.14	mg/m^3	11.04	2Na.C4.H4.O4. 6(H2.O)	L	
2671	Sodium sulfamate	13845-18-6	120.08	mg/m^3	4.91	H3.N.O3.S.Na	L	
2672	Sodium sulfate, anhydrous	7757-82-6	142.04	mg/m^3	5.81	Na2O4S	S	888
2673	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5	56.06	mg/m^3	2.29	HNaS	S	350
2674	Sodium sulfide	1313-82-2	78.04	mg/m^3	3.19	Na2S	S deliq	1172
2675	Sodium sulfide nonahydrate	1313-84-4	240.22	mg/m^3	9.82	Na2.S.9H2O	S	~50
2676	Sodium sulfite	7757-83-7	126.04	mg/m^3	5.15	Na2O3S	S	dec
2677	Sodium tartrate dihydrate	6106-24-7	230.082	mg/m^3	9.40	C4.H8.Na2.O8	S	150 dehydrat
2678	Sodium tellurate	10101-83-4	237.58	mg/m^3	9.71	2Na.Te.O4	S	
2679	Sodium tellurite	10102-20-2	221.58	mg/m^3	9.06	Te.O3.2Na	S	
2680	Sodium tetrafluoroborate(1-)	13755-29-8	109.8	mg/m^3	4.49	B.F4.Na	S	322
2681	Sodium Tetrahydroxoaluminate	12251-53-5	118	mg/m^3	4.82	AlH4NaO4	S	
2682	Sodium tetraphenyl borate	143-66-8	342.23	mg/m^3	13.99	C24H20BNa	S	
2683	Sodium thiosulfate	7772-98-7	158.1	mg/m^3	6.46	Na2O3S2	S	
2684	Sodium thiosulfate pentahydrate	10102-17-7	248.2	mg/m^3	10.14	H10Na2O8S2	S	48
2685	Sodium titanate	12034-34-3	141.84	mg/m^3	5.80	Ti.Na2.O3	S	
2686	Sodium tolyltriazole; (1H-Benzotriazole, 4(or 5)-methyl-, sodium salt)	64665-57-2	156.14	mg/m^3	6.38	C7.H7.N3.Na	L	-5 to -10
2687	Sodium tridecylbenzene sulfonate	26248-24-8	362.45	mg/m^3	14.81	C19.H3.Na.O3.S	S	
2688	Sodium triethylborohydride	17979-81-6	121.99	mg/m^3	4.99	(C2.H5)3Na.B.H	S	
2689	Sodium trihydrogen silicate	z-0076	118.096	mg/m^3	4.83	Na-H3-Si-O4	S	
2690	Sodium tripolyphosphate	7758-29-4	367.86	mg/m^3	15.03	Na5O10P3	Pwdr	622
2691	Sodium tungstate	13472-45-2	293.83	mg/m^3	12.01	Na2O4W	S	695

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2670	Sodium succinate, hexahydrate	6106-21-4						10/11/05	10/22/13	12/31/11
2671	Sodium sulfamate	13845-18-6	104.4	15		1.2 - 1.3		01/02/09	10/11/13	10/01/13
2672	Sodium sulfate, anhydrous	7757-82-6				2.671		08/21/96	10/07/13	10/07/13
2673	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5						01/04/99	09/30/13	12/31/11
2674	Sodium sulfide	1313-82-2				1.856		01/10/01	09/30/13	12/31/11
2675	Sodium sulfide nonahydrate	1313-84-4	1124 dec			1.427 @ 16°C		04/14/04	09/30/13	12/31/11
2676	Sodium sulfite	7757-83-7				2.633		08/07/98	09/30/13	07/27/12
2677	Sodium tartrate dihydrate	6106-24-7				1.8		04/15/07	10/03/13	10/03/13
2678	Sodium tellurate	10101-83-4						12/08/02	06/26/14	06/26/14
2679	Sodium tellurite	10102-20-2						06/13/02	06/27/14	06/27/14
2680	Sodium tetrafluoroborate(1-)	13755-29-8	dec			2.47		10/11/05	09/30/13	12/31/11
2681	Sodium Tetrahydroxoaluminate	12251-53-5						07/22/10	03/05/14	03/05/14
2682	Sodium tetraphenyl borate	143-66-8						04/20/07	09/30/13	12/31/11
2683	Sodium thiosulfate	7772-98-7	dec					07/09/97	09/30/13	07/27/12
2684	Sodium thiosulfate pentahydrate	10102-17-7				1.69		12/30/95	09/30/13	12/31/11
2685	Sodium titanate	12034-34-3						07/11/07	09/30/13	12/31/11
2686	Sodium tolyltriazole; (1H-Benzotriazole, 4(or 5)-methyl-, sodium salt)	64665-57-2	~106			1.18 @ 20°C		09/05/08	01/14/14	12/31/11
2687	Sodium tridecylbenzene sulfonate	26248-24-8						10/11/05	12/13/12	12/13/12
2688	Sodium triethylborohydride	17979-81-6				0.866		07/11/07	02/04/14	02/04/14
2689	Sodium trihydrogen silicate	z-0076						12/08/02	09/30/13	12/31/11
2690	Sodium tripolyphosphate	7758-29-4						01/04/99	09/30/13	12/31/11
2691	Sodium tungstate	13472-45-2				4.179		01/04/99	07/17/14	07/17/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2692	Sodium tungstate dihydrate	10213-10-2	329.87	mg/m^3	13.48	2Na.W.O4.2 H2O	S	100 dec
2693	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3	742	mg/m^3	30.33	Na2.U2.O7.6(H2.O)	S	
2694	Sodium uranium oxide monohydrate; (Sodium uranate(VI) monohydrate)	10135-92-9	652.049	mg/m^3	26.65	Na2.U2.O7.H2.O	S	
2695	Sodium uranyl carbonate	128578-60-9	978	mg/m^3	39.97	C5Na6O19U2	S	
2696	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8	199.24	mg/m^3	8.14	2Na.Zr.O3	S	
2697	Sodium-Potassium	11135-81-2	38.55	mg/m^3	1.58	KNa	L/S	
2698	Solvent Yellow 3; (2-Amino-5-azotoluene)	97-56-3	225.32	mg/m^3	9.21	C14H15N3	L	100
2699	**Soman; (3,3-Dimethyl-2-butyl methylphosphonofluoridate; GD)**	**96-64-0**	182.2	ppm	7.45	C7H16FO2P	L	-42
2700	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5	332.32	mg/m^3	13.58	C20.H12.O5	S	314-316
2701	Squalene; (2,6,10,15,19,23-Hexamethyl-2,6,10,14,18,22-tetracosahexene, (all-E)-)	111-02-4	410.72	mg/m^3	16.79	C30.H50	L	-75
2702	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	260.49	mg/m^3	10.65	Sn.Cl4	L	-33
2703	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	189.59	mg/m^3	7.75	Cl2Sn	S	246
2704	Stannous octoate	301-10-0	405.12	mg/m^3	16.56	C16.H30.O4.Sn	S	
2705	Staphylococcal enterotoxin (SEB); including 37337-57-8 (SEA)	11100-45-1		mg/m^3		Unspecified	S	
2706	**Stibine; (Antimony hydride)**	**7803-52-3**	124.78	ppm	5.10	H3Sb	G	-88
2707	Stilbene	588-59-0	180.26	mg/m^3	7.37	C14H12	S	124-125
2708	Stilbene 3; (Stilbene 420; Tinopal CBS; Disodium 4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8	562.58	mg/m^3	22.99	C28H20Na2O6S2	S	
2709	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	144	mg/m^3	5.89	[Unspecified]	L	-70
2710	Strontium	7440-24-6	87.62	mg/m^3	3.58	Sr	S	777
2711	Strontium carbonate	1633-05-2	147.629	mg/m^3	6.03	Sr-C-O3	S	1494
2712	Strontium chloride	10476-85-4	158.52	mg/m^3	6.48	Sr.Cl2	S	874
2713	Strontium hydroxide	18480-07-4	121.63	mg/m^3	4.97	Sr-(OH)2	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2692	Sodium tungstate dihydrate	10213-10-2				3.25		04/14/04	07/17/14	07/17/14
2693	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3						12/08/02	07/07/14	12/31/11
2694	Sodium uranium oxide monohydrate; (Sodium uranate(VI) monohydrate)	10135-92-9						01/04/99	07/07/14	12/31/11
2695	Sodium uranyl carbonate	128578-60-9						12/08/02	07/07/14	07/07/14
2696	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8						12/08/02	07/31/14	12/31/11
2697	Sodium-Potassium	11135-81-2						07/09/97	10/24/13	
2698	Solvent Yellow 3; (2-Amino-5-azotoluene)	97-56-3			7.5E-07			06/13/02	09/30/13	07/30/12
2699	**Soman; (3,3-Dimethyl-2-butyl methylphosphonofluoridate; GD)**	**96-64-0**	167	0.4	25	1.022 @ 20°C		01/10/01	09/30/13	10/11/05
2700	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5						10/11/05	09/30/13	12/31/11
2701	Squalene; (2,6,10,15,19,23-Hexamethyl-2,6,10,14,18,22-tetracosahexene, (all-E)-)	111-02-4	285 @ 25 mm	2	240	0.858		06/13/02	09/30/13	12/31/11
2702	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	114.1	10	10	2.232		06/13/02	07/03/14	12/11/12
2703	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	623			2.71		08/07/98	07/03/14	07/30/12
2704	Stannous octoate	301-10-0				1.251		07/11/07	07/03/14	12/31/11
2705	Staphylococcal enterotoxin (SEB); including 37337-57-8 (SEA)	11100-45-1						01/16/15		
2706	**Stibine; (Antimony hydride)**	**7803-52-3**	-18.4	>760		2.26 @ -25°C		01/04/99	03/02/15	08/27/14
2707	Stilbene	588-59-0	306-307			0.9707		08/07/98	09/30/13	12/31/11
2708	Stilbene 3; (Stilbene 420; Tinopal CBS; Disodium 4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8						01/10/01	10/07/13	10/07/13
2709	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	150-210	1.5	25	0.75 - 0.85 no temp	9000	08/21/96	03/10/15	01/02/14
2710	Strontium	7440-24-6	1382	7.5x10-3	523	2.64		09/30/97	06/19/14	06/19/14
2711	Strontium carbonate	1633-05-2	dec			3.5		12/08/02	06/26/14	01/13/14
2712	Strontium chloride	10476-85-4	1250			3.052		04/14/04	06/19/14	06/19/14
2713	Strontium hydroxide	18480-07-4						12/08/02	06/26/14	01/31/14

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2714	Strontium nitrate	10042-76-9	211.63	mg/m^3	8.65	N2O6Sr	S	570
2715	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9	179.62	mg/m^3	7.34	Sr-(NO2)2	S	
2716	Strontium oxalate	814-95-9	175.64	mg/m^3	7.18	Sr-C2-O4	S	
2717	Strontium phosphate; (Strontium orthophosphate)	14414-90-5	452.80	mg/m^3	18.51	Sr3-(P-O4)2	S	
2718	**Strontium phosphide**	**12504-13-1**	324.9	ppm	13.28	P2Sr3	S	
2719	Strontium sulfate	7759-02-6	185.7	mg/m^3	7.59	Sr-H2-SO4	S	1605
2720	Strychnine	57-24-9	334.41	mg/m^3	13.67	C21H22N2O2	S	287
2721	Strychnine sulfate (2:1)	60-41-3	383.49	mg/m^3	15.67	C21H22N2O2. 1/2H2O4S	S	200
2722	**Styrene**	**100-42-5**	104.15	ppm	4.26	C8H8	L	-30.65
2723	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	120.16	ppm	4.91	C8H8O	L	-36.7
2724	Styrene-allyl alcohol copolymer	25119-62-4		mg/m^3		(C8.H8.C3.H6.O)x	S	
2725	Styrene-divinylbenzene resin, chloromethylated, aminated with trimethylamine; (Bio-Rad AG1-X8 anion exchange resin, formate form)	60177-39-1		mg/m^3		(C22H28ClN)x	S	
2726	Styrenesulfonate), poly(sodium 4-	25704-18-1	70000	mg/m^3	2861.00	C8.H8.O3.S.Na)n	S	460 dec
2727	Succinic acid	110-15-6	118.1	mg/m^3	4.83	C4.H6.O4	S	185
2728	Succinic anhydride	108-30-5	100.08	mg/m^3	4.09	C4.H4.O3	S	119.6
2729	Succinimidyl-6-(beta-maleimidopropionamido)hexanoate; (SMPH)	z-0120		mg/m^3				
2730	Sulfamic acid	5329-14-6	97.09	mg/m^3	3.97	H3NO3S	S	~ 205 dec
2731	Sulfanilamide	63-74-1	172.22	mg/m^3	7.04	C6.H8.N2.O2.S	S	165.5
2732	Sulfanilic acid	121-57-3	173.2	mg/m^3	7.08	C6.H7.N.O3.S	S	288
2733	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3		mg/m^3		[Unspecified]	L	
2734	Sulfonylbis-ethanol, 2,2'-	2580-77-0	154.19	mg/m^3	6.30	C4.H10.O4.S	L	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2714	Strontium nitrate	10042-76-9	645			2.99		12/30/95	06/19/14	06/19/14
2715	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9						12/08/02	06/27/14	02/06/14
2716	Strontium oxalate	814-95-9						12/08/02	06/19/14	01/31/14
2717	Strontium phosphate; (Strontium orthophosphate)	14414-90-5						12/08/02	06/26/14	12/20/13
2718	**Strontium phosphide**	**12504-13-1**						09/05/08	02/13/15	02/13/12
2719	Strontium sulfate	7759-02-6				3.71-3.97		12/08/02	06/19/14	12/31/11
2720	Strychnine	57-24-9	270 @ 5 mmHg	0	20	1.36 @ 20°C		12/30/95	09/18/14	09/18/14
2721	Strychnine sulfate (2:1)	60-41-3	270 @ 5 mm	1E-08	25	1.36 @ 20°C		12/08/02	09/18/14	09/18/14
2722	**Styrene**	**100-42-5**	145	7.5	28.6	0.9016	9000	11/30/92	02/13/15	08/26/07
2723	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	194.2	0.3	20	1.046		06/13/02	10/18/13	10/18/13
2724	Styrene-allyl alcohol copolymer	25119-62-4						10/11/05	09/30/13	12/31/11
2725	Styrene-divinylbenzene resin, chloromethylated, aminated with trimethylamine; (Bio-Rad AG1-X8 anion exchange resin, formate form)	60177-39-1						04/14/04	09/30/13	12/31/11
2726	Styrenesulfonate), poly(sodium 4-	25704-18-1				0.801		07/11/07	12/20/13	12/20/13
2727	Succinic acid	110-15-6	235			1.154 @ 15°C		04/14/04	09/30/13	12/31/11
2728	Succinic anhydride	108-30-5	261	1	92	1.104		04/14/04	10/07/13	10/07/13
2729	Succinimidyl-6-(beta-maleimidopropionamido)hexanoate; (SMPH)	z-0120						01/15/09	09/30/13	12/31/11
2730	Sulfamic acid	5329-14-6				2.15		09/30/97	03/10/15	12/31/11
2731	Sulfanilamide	63-74-1				1.08		04/14/04	10/25/13	10/25/13
2732	Sulfanilic acid	121-57-3				1.485		04/14/04	09/30/13	12/31/11
2733	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3						07/09/97	09/30/13	12/31/11
2734	Sulfonylbis-ethanol, 2,2'-	2580-77-0		23.5	20	1.236		01/03/08	09/30/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2735	Sulfosalicylic acid	97-05-2	218.19	mg/m^3	8.92	C7H6O6S	S	120
2736	Sulfosalicylic acid, dihydrate, crystal	5965-83-3	254.2112	mg/m^3	10.39	C7.H10.O8.S	S	108-110
2737	Sulfotep; (TEDP)	3689-24-5	322.34	mg/m^3	13.17	C8H20O5P2S2	S	88
2738	Sulfur	7704-34-9	32.07	mg/m^3	1.31	S	S	95.3
2739	**Sulfur dioxide**	**7446-09-5**	64.06	ppm	2.62	O2S	G	-75.5
2740	Sulfur hexafluoride	2551-62-4	146.06	ppm	5.97	F6S	G	-51
2741	**Sulfur monochloride**	**10025-67-9**	135.02	ppm	5.52	Cl2S2	L	-77
2742	Sulfur pentafluoride	5714-22-7	254.12	ppm	10.39	F10S2	L	-53
2743	Sulfur tetrafluoride	7783-60-0	108.06	ppm	4.42	F4S	G	-121
2744	**Sulfur trioxide**	**7446-11-9**	80.06	mg/m^3	3.27	O3S	L	
2745	**Sulfuric acid**	**7664-93-9**	98.08	mg/m^3	4.01	H2O4S	L	10.31
2746	Sulfuric acid-d2; (Deuterosulfuric acid)	13813-19-9	100.09	mg/m^3	4.09	D2.S.O4.D2.O	L	
2747	Sulfurous acid	7782-99-2	82.08	mg/m^3	3.35	H2-S-O3	L	
2748	**Sulfuryl chloride**	**7791-25-5**	134.96	ppm	5.52	Cl2.O2.S	L	-54.1
2749	**Sulfuryl fluoride**	**2699-79-8**	102.06	ppm	4.17	F2O2S	G	-137
2750	Talc	14807-96-6	96.33	mg/m^3	3.94	H2O3Si 3/4Mg	S	
2751	Tall oil (alkyd resin)	68333-62-0		mg/m^3		[Unspecified]	L	
2752	Tantalum	7440-25-7	180.948	mg/m^3	7.40	Ta	S	2996
2753	Tantalum carbide	12070-06-3	192.96	mg/m^3	7.89	Ta.C	S	3875
2754	Tantalum(V) ethoxide	6074-84-6	406.251	mg/m^3	16.60	C10.H25.O5.Ta	L	20
2755	Tantalum(V) fluoride	7783-71-3	275.95	mg/m^3	11.28	F5Ta	S	96.8
2756	Tantalum(V) oxide	1314-61-0	441.9	mg/m^3	18.06	O5Ta2	S	1872

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2735	Sulfosalicylic acid	97-05-2						08/07/98	09/18/14	12/31/11
2736	Sulfosalicylic acid, dihydrate, crystal	5965-83-3						10/11/05	09/23/14	09/23/14
2737	Sulfotep; (TEDP)	3689-24-5	310	1.05E-04	20	1.19 @ 20°C		12/08/02	10/25/13	12/31/11
2738	Sulfur	7704-34-9	444.61	7.5x10-3	102	2.07	33000	09/30/97	03/10/15	10/03/13
2739	**Sulfur dioxide**	**7446-09-5**	-10.05	750	-10.3	2.619		11/30/92	02/12/15	10/11/05
2740	Sulfur hexafluoride	2551-62-4	1000 decomp	100		1.67 @ -100°C		03/01/00	05/04/12	05/04/12
2741	**Sulfur monochloride**	**10025-67-9**	138	10	27.5	1.6885 @ 15.5°C		03/01/00	02/17/15	11/30/06
2742	Sulfur pentafluoride	5714-22-7	26.7	561	25	2.08 @ 0°C		12/08/02	01/17/13	12/11/12
2743	Sulfur tetrafluoride	7783-60-0	-38			1.95 @ -78°C		03/01/00	11/14/14	01/17/13
2744	**Sulfur trioxide**	**7446-11-9**						01/04/99	02/17/15	11/30/06
2745	**Sulfuric acid**	**7664-93-9**	337	7.5x10-3	72	1.8302		11/30/92	02/17/15	11/30/06
2746	Sulfuric acid-d2; (Deuterosulfuric acid)	13813-19-9				1.86		07/11/07	10/25/13	06/12/09
2747	Sulfurous acid	7782-99-2				1.03		12/08/02	10/01/13	12/31/11
2748	**Sulfuryl chloride**	**7791-25-5**	69.1	100	17.8	1.6674		10/11/05	02/12/15	01/04/09
2749	**Sulfuryl fluoride**	**2699-79-8**	-55	12000	21	1.7 @ -55°C		12/08/02	02/17/15	
2750	Talc	14807-96-6				2.58 - 3.83		09/30/97	09/18/12	09/18/12
2751	Tall oil (alkyd resin)	68333-62-0						09/30/97	10/01/13	12/31/11
2752	Tantalum	7440-25-7	5429			16.69		04/14/04	06/24/13	02/16/12
2753	Tantalum carbide	12070-06-3	5500			14.5		04/14/04	06/24/14	12/31/11
2754	Tantalum(V) ethoxide	6074-84-6	151			1.56		10/11/05	06/24/14	06/24/14
2755	Tantalum(V) fluoride	7783-71-3	229.5	100	130	4.74		08/07/98	06/24/14	12/31/11
2756	Tantalum(V) oxide	1314-61-0				8.2		08/07/98	06/24/14	07/31/12

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2757	Tartaric acid	87-69-4	150.1	mg/m^3	6.13	C4H6O6	S	170-172
2758	Tartaric acid, monopotassium salt	868-14-4	188.19	mg/m^3	7.69	C4.H5.O6-K	S	
2759	Tartaric acid, monosodium salt	526-94-3	172.08	mg/m^3	7.03	C4.H5.O6.Na		
2760	TCDD; (2,3,7,8-Tetrachlorodibenzo-p-dioxin; Dioxin)	1746-01-6	321.97	mg/m^3	13.16	C12H4Cl4O2	S	295
2761	Technetium(IV) oxide	12036-16-7	130	mg/m^3	5.31	TcO2	S	
2762	Tellurium	13494-80-9	127.6	mg/m^3	5.22	Te	S	449.51
2763	Tellurium chloride	10026-07-0	269.4	mg/m^3	11.01	Cl4Te	?	224
2764	**Tellurium hexafluoride**	**7783-80-4**	241.59	ppm	9.87	F6Te	G	-37.6
2765	Tellurium oxide; (Tellurium dioxide)	7446-07-3	159.6	mg/m^3	6.52	O2Te	S	733
2766	Tellurous acid	10049-23-7	177.614	mg/m^3	7.26	H2-Te-O3	V	
2767	Terbium	7440-27-9	158.9254	mg/m^3	6.50	Tr	S	1356
2768	Terbium oxide	12036-41-8	365.849	mg/m^3	14.95	Tb2-O3	S	2410
2769	Terbium(III,IV) oxide	12037-01-3	747.6974	mg/m^3	30.56	Tb4.O7	S	2340
2770	Terbufos	13071-79-9	288.45	mg/m^3	11.79	C9.H21.O2.P.S3	L	-29
2771	Terephthalic acid	100-21-0	166.14	mg/m^3	6.79	C8.H6.O4	S	
2772	Terephthaloyl chloride; (Benzenedicarbonyl dichloride, 1,4-)	100-20-9	203.02	mg/m^3	8.30	C8H4O2.Cl2	S	83-84
2773	Terphenyl, p-	92-94-4	230.32	mg/m^3	9.41	C18H14	S	212-213
2774	Terphenyls; (Diphenylbenzene)	26140-60-3	230.32	mg/m^3	9.41	C18H14	S	
2775	Tert-butyl benzoic acid, p-	98-73-7	178.25	mg/m^3	7.29	C11.H14.O2	S	164.5
2776	Tert-butyllithium	594-19-4	64.06	mg/m^3	2.62	C4.H9.Li	S subl @0.1C	
2777	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	150.24	mg/m^3	6.14	C10.H14.O	S	99
2778	Tert-butylpyridine, 4-	3978-81-2	135.2084	mg/m^3	5.53	C9.H13.N	L	-41

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2757	Tartaric acid	87-69-4				1.76		08/07/98	10/01/13	12/31/11
2758	Tartaric acid, monopotassium salt	868-14-4				1.954		10/11/05	10/01/13	12/31/11
2759	Tartaric acid, monosodium salt	526-94-3						10/11/05	10/01/13	12/31/11
2760	TCDD; (2,3,7,8-Tetrachlorodibenzo-p-dioxin; Dioxin)	1746-01-6		1.50x10-9	25			09/30/97	12/11/14	12/05/14
2761	Technetium(IV) oxide	12036-16-7						12/08/02	10/01/13	12/31/11
2762	Tellurium	13494-80-9	988	0.75	502	6.232		12/30/95	06/24/14	07/31/12
2763	Tellurium chloride	10026-07-0	380			3.26		01/04/99	06/24/14	07/31/12
2764	**Tellurium hexafluoride**	**7783-80-4**	-38.9 subl	760	20	9.875		12/30/95	09/15/15	09/15/15
2765	Tellurium oxide; (Tellurium dioxide)	7446-07-3	1245			5.9		08/21/96	06/24/14	07/31/12
2766	Tellurous acid	10049-23-7						12/08/02	10/24/13	12/31/11
2767	Terbium	7440-27-9	3230			8.234		07/11/07	10/01/13	12/31/11
2768	Terbium oxide	12036-41-8				7.91		12/08/02	10/01/13	12/31/11
2769	Terbium(III,IV) oxide	12037-01-3						10/11/05	10/01/13	12/31/11
2770	Terbufos	13071-79-9	315	0.0003	25	1.105 @ 24°C		12/08/02	10/01/13	12/11/12
2771	Terephthalic acid	100-21-0	300 subl			1.51		04/14/04	10/01/13	12/11/12
2772	Terephthaloyl chloride; (Benzenedicarbonyl dichloride, 1,4-)	100-20-9	266					06/13/02	10/25/13	10/25/13
2773	Terphenyl, p-	92-94-4	259 @ 45 mm			1.234		08/07/98	10/01/13	12/31/11
2774	Terphenyls; (Diphenylbenzene)	26140-60-3						12/08/02	10/01/13	12/31/11
2775	Tert-butyl benzoic acid, p-	98-73-7				1.142 @ 20°C		10/11/05	01/18/13	12/11/12
2776	Tert-butyllithium	594-19-4	Subl @ 0.1 C					07/11/07	10/01/13	12/31/11
2777	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	236-238	1	70	1.037		10/11/05	10/01/13	01/25/12
2778	Tert-butylpyridine, 4-	3978-81-2	196.5			0.915		07/11/07	10/01/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2779	Tetanus toxin	676570-37-9	150kDa	mg/m^3			S	
2780	Tetraamminepalladium(II) nitrate	13601-08-6	298.54	mg/m^3	12.20	[(H3N)4Pd]9NO3)2	S	
2781	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	345.68	ppm	14.13	C2H2Br4	L	-1
2782	Tetrabutyl ammonium phosphate	5574-97-0	339.46	mg/m^3	13.87	C16H38NO4P		
2783	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	340.32	ppm	13.91	C6H36O4Ti	L	-55
2784	Tetrabutylammonium fluoride; (N,N,N-Tributyl-1-butanaminium, fluoride)	429-41-4	261.46	mg/m^3	10.69	C16.H36.N.F	L soln	
2785	Tetrabutylammonium hydroxide	2052-49-5	259.54	mg/m^3	10.61	C16.H36.N.H.O	L	25-40?
2786	Tetrabutylammonium nitrate	1941-27-1	304.54	mg/m^3	12.45	C16.H36.N.N.O3	S hygr	118-120
2787	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	203.82	ppm	8.33	C2.Cl4.F2	L/S	24.65
2788	Tetrachlorobenzene, 1,2,3,4-	634-66-2	215.88	mg/m^3	8.82	C6H2Cl4	S	46-47
2789	Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	mg/m^3	8.82	C6H2Cl4	S	139.5
2790	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9	305.97	mg/m^3	12.51	C12H4Cl4O2	S	227
2791	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5	321.96	mg/m^3	13.16	C12H4Cl4O2	S	
2792	Tetrachloroethane (mixed isomers)	25322-20-7	167.85	ppm	6.86	C2H2Cl4		
2793	Tetrachloroethane, 1,1,1,2-	630-20-6	167.85	ppm	6.86	C2H2Cl4	L	-70.2
2794	Tetrachloroethane, 1,1,2,2-	79-34-5	167.85	ppm	6.86	C2H2Cl4	L	-42.4
2795	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8	303.84	ppm	12.42	C4Cl4F6	G	
2796	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	169.89	ppm	6.94	Cl4Si	L	-70
2797	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	624.0936	mg/m^3	25.51	C14-F24	L	
2798	Tetracyanoquinodimethane	1518-16-7	204.2	mg/m^3	8.35	C12H4N4	S	293.5 subl
2799	Tetracycline hydrochloride	64-75-5	280.94	mg/m^3	11.48	C22H24N2O8.ClH	S	170-175
2800	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	338.06	ppm	13.82	C6.F14	L	-88.2

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2779	Tetanus toxin	676570-37-9						01/07/15		
2780	Tetraamminepalladium(II) nitrate	13601-08-6						12/08/02	10/01/13	12/31/11
2781	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	151 @ 54 mm			2.9638		01/04/99	10/25/13	10/25/13
2782	Tetrabutyl ammonium phosphate	5574-97-0						09/30/97	10/01/13	12/31/11
2783	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	292.4			0.998		11/15/96	03/10/15	12/31/11
2784	Tetrabutylammonium fluoride; (N,N,N-Tributyl-1-butanaminium, fluoride)	429-41-4				0.953		07/11/07	10/01/13	12/31/11
2785	Tetrabutylammonium hydroxide	2052-49-5				0.968		04/14/04	10/01/13	08/01/12
2786	Tetrabutylammonium nitrate	1941-27-1						04/14/04	10/01/13	12/31/11
2787	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	92.8			1.6447		07/11/07	10/01/13	12/31/11
2788	Tetrachlorobenzene, 1,2,3,4-	634-66-2	254	0.039	25	1.7		01/10/01	10/08/13	10/08/13
2789	Tetrachlorobenzene, 1,2,4,5-	95-94-3	244.5	0.0054	25	1.858 @ 22°C		08/21/96	10/01/13	12/31/11
2790	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9						09/30/97	10/01/13	12/31/11
2791	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5						01/04/99	10/01/13	12/31/11
2792	Tetrachloroethane (mixed isomers)	25322-20-7		1.33x10+1	25			09/30/97	03/10/15	08/01/12
2793	Tetrachloroethane, 1,1,1,2-	630-20-6	130.2	7.5	17	1.5406 @ 20°C		12/30/95	03/10/15	07/04/13
2794	Tetrachloroethane, 1,1,2,2-	79-34-5	145.2	7.5	32.4	1.5953 @ 20°C		12/30/95	09/26/14	01/18/13
2795	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8						12/08/02	10/01/13	12/31/11
2796	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	57.57			1.482		01/04/99	02/12/15	
2797	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	217					04/14/04	10/01/13	12/31/11
2798	Tetracyanoquinodimethane	1518-16-7						01/10/01	10/01/13	12/31/11
2799	Tetracycline hydrochloride	64-75-5	214 decom					06/13/02	10/01/13	12/31/11
2800	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	56.6			1.6995 @ 20°C		10/11/05	10/01/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2801	Tetradecane; (n-Tetradecane)	629-59-4	198.44	ppm	8.11	C14-H30	L	5.5
2802	Tetradecanoic acid; (Myristic acid)	544-63-8	228.36	mg/m^3	9.33	C14-H28-O2	S	54
2803	Tetradecyltrimethylammonium bromide	1119-97-7	336.47	mg/m^3	13.75	C17.H38.N-Br	S	245-250
2804	Tetraethyl lead	78-00-2	323.47	mg/m^3	13.22	C8H20Pb	L	125-150
2805	**Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)**	**78-10-4**	208.33	ppm	8.51	C8H20O4Si	L	-82.5
2806	Tetraethyl pyrophosphate; (TEPP)	107-49-3	290.22	mg/m^3	11.86	C8.H20.O7.P2	L	0
2807	Tetraethylammonium chloride	56-34-8	165.74	mg/m^3	6.77	C8.H20.N.Cl	S hygr.	39
2808	Tetraethylene glycol	112-60-7	194.26	mg/m^3	7.94	C8.H18.O5	L	-6
2809	Tetraethylene glycol diacrylate	17831-71-9	302.36	mg/m^3	12.36	C14.H22.O7	S	112
2810	Tetraethylenepentamine	112-57-2	189.36	mg/m^3	7.74	C8H23N5	L	-40
2811	Tetraethyltin; (Tetraethylstannane)	597-64-8	234.97	mg/m^3	9.60	Sn.C8H20	L	-112
2813	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	102.031	ppm	4.17	C2.H2.F4	G	-89
2814	**Tetrafluoroethylene**	**116-14-3**	100.02	ppm	4.09	C2F4	G	-131.15
2815	Tetrafluorohydrazine	10036-47-2	104	ppm	4.25	F2NNF2	G	-163
2816	Tetrahydro-2,5-dimethyl furan	1003-38-9	100.2	mg/m^3	4.10	C6H12O	L	
2817	Tetrahydrodimethylfuran	1320-94-1	100.18	mg/m^3	4.09	C6H12O		
2818	**Tetrahydrofuran**	**109-99-9**	72.11	ppm	2.95	C4H8O	L	-108.44
2819	Tetrahydrofuran-d8	1693-74-9	80.1554	ppm	3.28	C4.D8.O	L	-106
2820	Tetrahydromethyl-1,3-isobenzofurandione, 3A,4,7,7A-; (Methyltetrahydrophthalic anhydride)	26590-20-5	166.19	mg/m^3	6.79	C9.H10.O3	S	
2821	Tetrahydronaphthalene, 1,2,3,4-; (Tetralin)	119-64-2	132.22	ppm	5.40	C10.H12	L	-31
2822	Tetrahydropyridine, 1,2,3,6-	694-05-3	83.13	ppm	3.40	C5.H9.N	L	-48
2823	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	164.2	mg/m^3	6.71	C7.H16.O4	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2801	Tetradecane; (n-Tetradecane)	629-59-4	253.7	0.0116	25	0.7628 @ 20°C	5000	12/08/02	10/01/13	12/08/11
2802	Tetradecanoic acid; (Myristic acid)	544-63-8	326.2			0.8622 @ 54°C		12/08/02	10/01/13	12/31/11
2803	Tetradecyltrimethylammonium bromide	1119-97-7						10/11/05	10/01/13	12/31/11
2804	Tetraethyl lead	78-00-2	198-202	1	38.4	1.65918	18000	08/07/98	04/28/15	04/28/15
2805	**Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)**	**78-10-4**	168.8	7.5	21.6	0.9320 @ 20°C	13000	11/15/96	10/01/13	06/13/09
2806	Tetraethyl pyrophosphate; (TEPP)	107-49-3	310	0.00047	25	1.2		12/08/02	10/24/13	12/31/11
2807	Tetraethylammonium chloride	56-34-8				1.08		10/11/05	10/01/13	08/01/12
2808	Tetraethylene glycol	112-60-7	327.3	1	153.9	1.1248 @ 20°C		04/14/04	10/01/13	12/31/11
2809	Tetraethylene glycol diacrylate	17831-71-9				1.125		07/11/07	01/18/13	01/18/13
2810	Tetraethylenepentamine	112-57-2	333	<0.01	20	0.998		01/04/99	03/10/15	12/31/11
2811	Tetraethyltin; (Tetraethylstannane)	597-64-8	181	2	25	1.187 @ 23°C		06/13/02	07/03/14	01/14/13
2813	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	-19.9					07/11/07	09/26/14	06/13/09
2814	**Tetrafluoroethylene**	**116-14-3**	-75.9	750	-75.8	1.519 @ -76°C	100000	11/30/92	08/27/15	08/27/15
2815	Tetrafluorohydrazine	10036-47-2	-73			1.5 @ -100°C		12/08/02	10/02/13	08/19/12
2816	Tetrahydro-2,5-dimethyl furan	1003-38-9						03/01/00	04/30/15	12/31/11
2817	Tetrahydrodimethylfuran	1320-94-1						04/30/15		
2818	**Tetrahydrofuran**	**109-99-9**	65	75	9	0.8833	20000	12/30/95	03/04/15	10/11/05
2819	Tetrahydrofuran-d8	1693-74-9	65-66			0.985	20000	07/11/07	03/04/15	06/13/09
2820	Tetrahydromethyl-1,3-isobenzofurandione, 3A,4,7,7A-; (Methyltetrahydrophthalic anhydride)	26590-20-5				1.20		08/29/08	10/02/13	12/31/11
2821	Tetrahydronaphthalene, 1,2,3,4-; (Tetralin)	119-64-2	207.2	1	38	0.981	8000	04/15/07	10/02/13	10/02/13
2822	Tetrahydropyridine, 1,2,3,6-	694-05-3	108			0.911		10/11/05	10/02/13	10/02/13
2823	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	183			0.997		07/11/07	10/24/13	10/02/13

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2824	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	152.22	ppm	6.22	C4H12O4Si	L	-1
2825	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7	89.02	mg/m^3	3.64	C4.H12.N.B.H4	S	150
2826	Tetramethyl ethylene diamine	110-18-9	116.24	ppm	4.75	C6.H16.N2	L	-55
2827	Tetramethyl lead	75-74-1	267.35	mg/m^3	10.93	C4H12Pb	L	-27.5
2828	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7	144.3	mg/m^3	5.90	C8H20N2	L	
2829	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	184.28	mg/m^3	7.53	C11.H20.O2	L	
2830	Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	126-86-3	226.36	mg/m^3	9.25	C14H26O2	L or S	47
2831	Tetramethylammonium chloride	75-57-0	109.62	mg/m^3	4.48	C4.H12.N.Cl	S hygr.	> 300
2832	Tetramethylammonium hydroxide	75-59-2	91.18	mg/m^3	3.73	C4H13NO	L	
2833	Tetramethylammonium hydroxide pentahydrate	10424-65-4	181.23	mg/m^3	7.41	C4.H23.N.O6	S	65
2834	Tetramethylammonium silicate	53116-81-7	211.32	mg/m^3	8.64	(C.H3)4.N(O.H).2Si.O2	L soln	
2835	Tetramethylbenzene, 1,2,3,5-	527-53-7	134.24	mg/m^3	5.49	C10.H14	L	-24
2836	Tetramethylbenzene, 1,2,4,5-	95-93-2	134.24	mg/m^3	5.49	C10.H14	S	79.3
2837	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7	240.38	mg/m^3	9.82	C16.H20.N2	S	168-169.5
2838	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	120.18	mg/m^3	4.91	C4.H8.O2.S	L/S	27.4-27.8
2839	Tetramethylsilane	75-76-3	88.23	ppm	3.61	C4H12Si	L/S	-99
2840	**Tetranitromethane**	**509-14-8**	196.03	ppm	8.01	CN4O8	L	13.8
2841	Tetraoxadodecane, 2,5,8,11-	112-49-2	178.26	ppm	7.29	C8.H18.O4	L	-45
2842	Tetraoxatetracosan-1-ol, 3,6,9,12-; ((Lauryl alcohol tri(oxyethylene) ethanol; BRIJ 30)	5274-68-0	362.5488	mg/m^3	14.82	C20.H42.O5	L	
2843	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8	418.81	mg/m^3	17.12	C24H20AsCl	S	258-260
2844	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2	444.64	mg/m^3	18.17	C10-H12-N2-O8.4K	S	
2845	Tetrapropoxysilane	682-01-9	264.43	mg/m^3	10.81	C12.H28.O4.Si	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2824	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	121	7.5	14.4	1.0232 @ 20°C		09/30/97	02/12/15	01/14/13
2825	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7				0.813		10/11/05	10/02/13	12/31/11
2826	Tetramethyl ethylene diamine	110-18-9	120 - 122			0.77		04/14/04	10/02/13	12/31/11
2827	Tetramethyl lead	75-74-1	110	0.2	20	1.99		03/01/00	04/28/15	04/28/15
2828	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7						01/04/99	10/02/13	12/31/11
2829	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	93 @ 35 mm			0.883		07/11/07	10/02/13	12/31/11
2830	Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	126-86-3	165 @ 40 mmHg					08/21/96	10/02/13	12/31/11
2831	Tetramethylammonium chloride	75-57-0						04/14/04	10/02/13	12/31/11
2832	Tetramethylammonium hydroxide	75-59-2				1		01/04/99	03/10/15	12/17/12
2833	Tetramethylammonium hydroxide pentahydrate	10424-65-4						10/11/05	10/24/13	01/09/13
2834	Tetramethylammonium silicate	53116-81-7				1.07		07/11/07	10/02/13	12/31/11
2835	Tetramethylbenzene, 1,2,3,5-	527-53-7	197			0.896		06/26/07	09/08/14	01/09/12
2836	Tetramethylbenzene, 1,2,4,5-	95-93-2	196			0.838 @ 81°C		10/11/05	09/08/14	02/16/12
2837	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7						07/11/07	09/08/14	12/31/11
2838	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	285			1.261		07/11/07	01/14/13	01/14/13
2839	Tetramethylsilane	75-76-3	26-28			0.648		06/13/02	02/06/15	02/06/15
2840	**Tetranitromethane**	**509-14-8**	126.1	7.5	18	1.6380 @ 20°C		12/30/95	02/12/15	12/31/11
2841	Tetraoxadodecane, 2,5,8,11-	112-49-2	216			0.986		10/11/05	10/08/13	10/08/13
2842	Tetraoxatetracosan-1-ol, 3,6,9,12-; ((Lauryl alcohol tri(oxyethylene) ethanol; BRIJ 30)	5274-68-0	247 @ 10C					04/14/04	10/02/13	12/31/11
2843	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8						01/04/99	01/27/14	01/27/14
2844	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2						12/08/02	12/20/13	12/20/13
2845	Tetrapropoxysilane	682-01-9	94			0.913		07/11/07	10/02/13	10/02/13

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2846	Tetrapropylammonium hydroxide	4499-86-9	203.42	mg/m^3	8.31	C12H29NO		
2847	Tetrapropylorthotitanate	3087-37-4	284.2178	mg/m^3	11.62	C12.H28.O4.Ti	S	206 @ 100mm
2848	Tetrasodium pyrophosphate	7722-88-5	265.9	mg/m^3	10.87	Na4O7P2	S	993
2849	Tetrazole, 1H-	288-94-8	70.05	mg/m^3	2.86	C.H2.N4	S	156-158
2850	Tetrodotoxin; (fugu poison)	4368-28-9	319.13	mg/m^3	13.04	C24H34O9	S	225
2851	Thallium	7440-28-0	204.38	mg/m^3	8.35	Tl	S	304
2852	Thallium chloride; (Thallium(I) chloride)	7791-12-0	239.84	mg/m^3	9.80	ClTl	S	431
2853	Thallium hydroxide	12026-06-1	221.39	mg/m^3	9.05	Tl-OH	S	139 dec
2854	Thallium nitrite	13826-63-6	250.38	mg/m^3	10.23	Tl-N-O2	S	
2855	Thallium oxide; (Thallous oxide)	1314-12-1	424.77	mg/m^3	17.36	OTl2	S	579
2856	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	1526.25	mg/m^3	62.38	Tlx.SO4	S	632
2857	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8	263.42	mg/m^3	10.77	Tl.C2H3O2	S	131
2858	Thallium(I) carbonate (2:1)	6533-73-9	468.78	mg/m^3	19.16	CO3Tl2	S	273
2859	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	504.8	mg/m^3	20.63	Tl2.SO4	S	632
2860	Thallium(III) oxide; (Thallium sesquioxide; Thallic oxide)	1314-32-5	456.77	mg/m^3	18.67	O3Tl2	S	834
2861	Thallium(III) perchlorate hexahydrate	15596-83-5	610.83	mg/m^3	24.97	Tl.(Cl.O4)3.6H2.O	S	
2862	Thallous malonate	2757-18-8	510.79	mg/m^3	20.88	2Tl.C3H2O4	S	
2863	Thallous nitrate; (Thallium nitrate; Thallium(I) nitrate)	10102-45-1	266.39	mg/m^3	10.89	NO3Tl	S	206
2864	Thenoyltrifluoroacetone	326-91-0	221.19	mg/m^3	9.04	C8H5F3O2S		42.8
2865	Thioacetamide	62-55-5	75.13	mg/m^3	3.07	C2H5NS	S	115.5
2866	Thioacetic acid	507-09-5	76.12	ppm	3.11	C2.H4.O.S	L fuming	<-17
2867	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	315.22	mg/m^3	12.88	C14.H12.Cl2.O2.S	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2846	Tetrapropylammonium hydroxide	4499-86-9				1.012		08/07/98	10/02/13	01/09/13
2847	Tetrapropylorthotitanate	3087-37-4	170 @ 38C			1.04		10/11/05	10/02/13	12/31/11
2848	Tetrasodium pyrophosphate	7722-88-5				2.534		08/07/98	11/27/13	12/31/11
2849	Tetrazole, 1H-	288-94-8						07/11/07	10/02/13	12/31/11
2850	Tetrodotoxin; (fugu poison)	4368-28-9						01/19/15		
2851	Thallium	7440-28-0	1473	7.5x10-3	609	11.8		12/30/95	06/23/14	06/23/14
2852	Thallium chloride; (Thallium(I) chloride)	7791-12-0	720	7.5	504	7		11/15/96	06/23/14	12/31/11
2853	Thallium hydroxide	12026-06-1				7.44		12/08/02	06/23/14	12/31/11
2854	Thallium nitrite	13826-63-6				5.7		12/08/02	06/23/14	12/31/11
2855	Thallium oxide; (Thallous oxide)	1314-12-1	~1080			9.52		12/08/02	06/23/14	12/31/11
2856	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	decom			6.77		06/13/02	06/23/14	12/31/11
2857	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8				3.68		06/13/02	06/23/14	10/08/13
2858	Thallium(I) carbonate (2:1)	6533-73-9		<1E-6	25	7.11		11/15/96	06/23/14	12/31/11
2859	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	decom			6.77		06/13/02	06/24/14	12/31/11
2860	Thallium(III) oxide; (Thallium sesquioxide; Thallic oxide)	1314-32-5				10.2		12/30/95	06/24/14	10/08/13
2861	Thallium(III) perchlorate hexahydrate	15596-83-5						04/14/04	06/24/14	06/24/14
2862	Thallous malonate	2757-18-8						06/13/02	06/24/14	12/31/11
2863	Thallous nitrate; (Thallium nitrate; Thallium(I) nitrate)	10102-45-1	450 dec			5.55		09/30/97	06/24/14	07/04/13
2864	Thenoyltrifluoroacetone	326-91-0	97 @ 8 mmHg					12/30/95	10/02/13	12/31/11
2865	Thioacetamide	62-55-5						12/30/95	10/02/13	12/31/11
2866	Thioacetic acid	507-09-5	93			1.064		07/11/07	10/02/13	01/23/12
2867	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	443	0.0000001	25			12/08/02	01/14/13	01/14/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2868	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4	106.17	mg/m^3	4.34	CH6N4S	S	164
2869	Thiocresol, p-; (p-Toluenethiol)	106-45-6	124.21	mg/m^3	5.08	C7.H8.S	S	43-44
2870	Thiocyanic acid, compound with guanidine (1:1); (Guanidine thiocyanate salt)	593-84-0	118.18	mg/m^3	4.83	C.H5.N3.C.H.N.S	S	114-117
2871	Thiodiglycol	111-48-8	122.2	mg/m^3	4.99	C4H10O2S	L	-16
2872	Thiofanox; (Dacamox)	39196-18-4	218.32	mg/m^3	8.92	C9H18N2O2S	S	57
2873	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	248.26	mg/m^3	10.15	C8H13N2O3PS	L	-1.7
2874	**Thionyl chloride**	**7719-09-7**	118.96	ppm	4.86	Cl2OS	L	-105
2875	Thiophosphoryl chloride	3982-91-0	169.38	mg/m^3	6.92	Cl3.P.S	L	-35
2876	Thiosemicarbazide; (1-Amino-2-thiourea)	79-19-6	91.14	mg/m^3	3.73	CH5N3S	S	183
2877	Thiourea	62-56-6	76.12	mg/m^3	3.11	CH4N2S	S	178
2878	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	240.44	mg/m^3	9.83	C6H12N2S4	S	156
2879	Thorium	7440-29-1	232	mg/m^3	9.48	Th	S	1750
2880	Thorium hydroxide	13825-36-0	300.07	mg/m^3	12.26	Th(OH)4	S	
2881	Thorium nitrite	z-0079	416.03	mg/m^3	17.00	Th(NO2)4	S	
2882	Thorium oxalate	2040-52-0	444.03	mg/m^3	18.15	Th.C4.O8.2(H2.O)	S	300-400 dec.
2883	Thorium oxide; (Thorium dioxide)	1314-20-1	264	mg/m^3	10.79	O2Th	S	3390
2884	Thorium perchlorate	16045-17-3	331.49	mg/m^3	13.55	Th.Cl.O4	S	
2885	Thorium(IV) nitrate	13823-29-5	480.04	mg/m^3	19.62	N4O12Th	S	500 dec
2886	Thulium	7440-30-4	168.93	mg/m^3	6.90	Tm	S	1545
2887	Thulium chloride	13537-18-3	275.28	mg/m^3	11.25	Cl3Tm	S	824
2888	Thulium oxide	12036-44-1	385.87	mg/m^3	15.77	O3Tm2	S	2425
2889	Thymol blue; (6,6'-(3H-2,1-benzoxathiol-3-ylidene)dithymol, S,S-dioxide)	76-61-9	466.63	mg/m^3	19.07	C27H30O5S	S	223

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2868	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4						06/13/02	07/04/13	07/04/13
2869	Thiocresol, p-; (p-Toluenethiol)	106-45-6	195	0.807	25	1.2475 @ 55°C		10/24/07	10/02/13	12/31/11
2870	Thiocyanic acid, compound with guanidine (1:1); (Guanidine thiocyanate salt)	593-84-0						04/14/04	10/02/13	12/31/11
2871	Thiodiglycol	111-48-8	164-166 @ 20mm			1.1847 @ 20°C		01/10/01	10/02/13	12/31/11
2872	Thiofanox; (Dacamox)	39196-18-4		1.7x10-4	25			08/21/96	01/14/13	01/14/13
2873	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	80	0.003	30	1.204-1.210		12/08/02	01/09/13	01/09/13
2874	**Thionyl chloride**	**7719-09-7**	78.8	100	21.4	1.640 @ 15.5°C		03/01/00	02/17/15	
2875	Thiophosphoryl chloride	3982-91-0	125	16,35	25	1.635		07/11/07	07/04/13	07/04/13
2876	Thiosemicarbazide; (1-Amino-2-thiourea)	79-19-6						12/30/95	01/14/13	01/14/13
2877	Thiourea	62-56-6	dec	2.8x10-3	25	1.405		12/30/95	01/09/13	01/09/13
2878	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	129 @ 20ºC	0.000017	25	1.3		06/13/02	04/10/14	10/25/13
2879	Thorium	7440-29-1	4500			11.72		08/07/98	06/21/14	12/12/11
2880	Thorium hydroxide	13825-36-0						12/08/02	06/21/14	12/12/11
2881	Thorium nitrite	z-0079						12/08/02	06/21/14	12/12/11
2882	Thorium oxalate	2040-52-0				4.637 @ 16°C		10/11/05	06/21/14	12/12/11
2883	Thorium oxide; (Thorium dioxide)	1314-20-1	4400			9.7		08/07/98	06/21/14	12/12/11
2884	Thorium perchlorate	16045-17-3						10/11/05	06/21/14	12/12/11
2885	Thorium(IV) nitrate	13823-29-5						08/07/98	06/21/14	12/12/11
2886	Thulium	7440-30-4	1950			9.32		04/15/07	10/02/13	12/31/11
2887	Thulium chloride	13537-18-3	1440					08/07/98	10/02/13	12/31/11
2888	Thulium oxide	12036-44-1				8.6		08/07/98	10/02/13	12/31/11
2889	Thymol blue; (6,6'-(3H-2,1-benzoxathiol-3-ylidene)dithymol, S,S-dioxide)	76-61-9						01/04/99	10/02/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2890	Thyodene; (Amylodextrin)	9005-84-9		mg/m^3		[Unknown]	S	
2891	Tin	7440-31-5	118.71	mg/m^3	4.85	Sn	S	231.9
2892	Tin fluoroborate	13814-97-6	292.30	mg/m^3	11.95	B2.F8.Sn	S	
2893	Tin hydroxide	12026-24-3	152.73	mg/m^3	6.24	Sn-(OH)2	S	
2894	Tin nitrate	41480-79-9	242.68	mg/m^3	9.92	Sn-(N-O3)2	S	
2895	Tin nitrite	100737-27-7	210.69	mg/m^3	8.61	Sn-(N-O2)2	S	
2896	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	225.63	mg/m^3	9.22	Sn.Cl.2H2.O	S	37.7
2897	Tin(II) oxide	1332-29-2	150.69	mg/m^3	6.16	Sn-O2	S	1630
2898	Tin(II) sulfate; (Stannous sulfate)	7488-55-3	214.75	mg/m^3	8.78	Sn.S.O4	S	378 dec
2899	Tin(IV) isopropoxide	1184-61-8	415.1534	mg/m^3	16.97	C15.H36.O5.Sn	S	
2900	Tin(IV) oxide; (Stannic oxide)	18282-10-5	150.69	mg/m^3	6.16	Sn.O2	S	1630
2901	Titanium	7440-32-6	47.87	mg/m^3	1.96	Ti	S	1668
2902	Titanium aluminide	39410-63-4	74.8614	mg/m^3	3.06	Ti.Al	S	
2903	Titanium boride	12045-63-5	69.5	mg/m^3	2.84	Ti.B2	S	2593 - 2980
2904	Titanium carbide	12070-08-5	59.91	mg/m^3	2.45	Ti.C	S	3067
2905	Titanium chloride	7705-07-9	154.25	mg/m^3	6.30	Cl3Ti	L	-30
2906	Titanium hydride	7704-98-5	49.92	mg/m^3	2.04	Ti.H2		
2907	Titanium oxide; (Titanium dioxide)	13463-67-7	79.9	mg/m^3	3.27	O2Ti	S	1843
2908	**Titanium tetrachloride**	**7550-45-0**	189.68	ppm	7.75	Cl4Ti	L	-24.12
2909	Titanium(II) oxide	12137-20-1	63.88	mg/m^3	2.61	OTi	S	
2910	Titanium(III) fluoride	13470-08-1	104.88	mg/m^3	4.29	TiF3	S	1200
2911	Titanium-based alloy; (Titanium compounds)	z-0081		mg/m^3		[Unspecified]	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2890	Thyodene; (Amylodextrin)	9005-84-9						01/10/01	10/02/13	12/31/11
2891	Tin	7440-31-5	2602	7.5x10-3	1224	5.769		11/15/96	07/03/14	12/12/11
2892	Tin fluoroborate	13814-97-6						09/05/08	07/04/14	12/31/11
2893	Tin hydroxide	12026-24-3						12/08/02	07/04/14	12/31/11
2894	Tin nitrate	41480-79-9						12/08/02	07/04/14	12/31/11
2895	Tin nitrite	100737-27-7						01/03/08	07/04/14	12/31/11
2896	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	652			2.71		04/14/04	07/04/14	01/14/13
2897	Tin(II) oxide	1332-29-2	1800+ subl			6.95		08/07/98	07/04/14	12/31/11
2898	Tin(II) sulfate; (Stannous sulfate)	7488-55-3				4.15		04/14/04	07/04/14	09/18/12
2899	Tin(IV) isopropoxide	1184-61-8						10/11/05	07/04/14	12/31/11
2900	Tin(IV) oxide; (Stannic oxide)	18282-10-5	1800 dec			6.95		04/14/04	07/04/14	12/31/11
2901	Titanium	7440-32-6	3287	7.5x10-3	1709	4.506		12/30/95	10/08/13	10/08/13
2902	Titanium aluminide	39410-63-4						04/14/04	02/27/14	02/27/14
2903	Titanium boride	12045-63-5	3899			4.5 - 4.53		04/14/04	02/04/14	02/04/14
2904	Titanium carbide	12070-08-5	4820			4.93		04/14/04	10/02/13	12/31/11
2905	Titanium chloride	7705-07-9	136.4	10	21.3	1.772		08/07/98	10/02/13	09/18/12
2906	Titanium hydride	7704-98-5						06/13/02	10/03/13	10/03/13
2907	Titanium oxide; (Titanium dioxide)	13463-67-7	2500-3000			4.23		07/09/97	10/02/13	09/18/12
2908	**Titanium tetrachloride**	**7550-45-0**	136.45	1.31x10-2 atm	20	1.73		11/30/92	02/17/15	06/21/13
2909	Titanium(II) oxide	12137-20-1						01/10/01	10/02/13	12/31/11
2910	Titanium(III) fluoride	13470-08-1	1400			3.4		08/07/98	10/02/13	12/31/11
2911	Titanium-based alloy; (Titanium compounds)	z-0081						08/07/98	10/02/13	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2912	**Toluene**	**108-88-3**	92.14	ppm	3.77	C7H8	L	-94.95
2913	Toluene diisocyanate (mixed isomers)	26471-62-5	174.16	ppm	7.12	C9H6N2O2	L	11-14
2914	Toluene diisocyanate, trimethylolpropane, epsilon-caprolactone polymer, methylated	71342-93-3		mg/m^3		(C9.H6.N2.O2.C6.H10.O2)x	S	
2915	**Toluene-2,4-diisocyanate; (TDI)**	**584-84-9**	174.16	ppm	7.12	C9H6N2O2	L or S	20.5
2916	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5	122.19	mg/m^3	4.99	C7H10N2	S	105
2917	**Toluene-2,6-diisocyanate**	**91-08-7**	174.17	ppm	7.12	C9H6N2O2	L	
2918	Toluene-d8; (Deuterated toluene)	2037-26-5	100.189	ppm	4.09	C7.D8	L	-84
2919	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	122.17	ppm	4.99	C7H10N2	S	99
2920	Toluenesulfonamide, p-; (Pasam)	70-55-3	171.23	mg/m^3	7.00	C7.H9.N.O2.S		138 (anhyd); 105 (hydrate)
2921	Toluenesulfonic acid, methyl ester, p-	80-48-8	186.24	mg/m^3	7.61	C8.H10.O3.S	S	27.5
2922	Toluenesulfonyl chloride, p-	98-59-9	190.64	mg/m^3	7.79	C7.H7.Cl.O2.S	S hygr	69 - 71
2923	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	190.23	mg/m^3	7.77	C7.H8.O3.S	S	107
2924	Toluenethiol, m-	108-40-7	124.21	mg/m^3	5.08	C7H8S		
2925	Toluidine, m-; (3-Methylaniline)	108-44-1	107.17	ppm	4.38	C7H9N	L	-43.6
2926	Toluidine, o-	95-53-4	107.15	ppm	4.38	C7H9N	L	-14.41
2927	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	107.17	ppm	4.38	C7.H9.N	L	42
2928	Toxaphene; (Chlorinated camphene)	8001-35-2	414	mg/m^3	16.92	C10H10Cl8	S	65-90
2929	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	125	ppm	5.11	C4H6Cl2	L	35797
2930	Tri(2-ethylhexyl) phosphate; (Trioctyl phosphate)	78-42-2	434.72	mg/m^3	17.77	C24H51O4P	L	-74
2931	Triacetin; (Triacetyl glycerin)	102-76-1	219.2	mg/m^3	8.96	C9H14O6	L	-78
2932	Triamiphos	1031-47-6	294.34	mg/m^3	12.03	C12H19N6OP	S	167-168

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2912	**Toluene**	**108-88-3**	110.63	7.5	1.5	0.8623	14000	11/30/92	02/26/15	02/26/15
2913	Toluene diisocyanate (mixed isomers)	26471-62-5	251	2.3x10-2	25	1.22 ± 0.01	9000	03/01/00	10/06/14	10/06/14
2914	Toluene diisocyanate, trimethylolpropane, epsilon-caprolactone polymer, methylated	71342-93-3						08/17/07	10/02/13	12/31/11
2915	**Toluene-2,4-diisocyanate; (TDI)**	**584-84-9**	251	7.5x10-2	39	1.2244 @ 20°C	9000	12/30/95	02/12/15	10/11/05
2916	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5			2.13 kPa			06/13/02	09/18/14	10/04/13
2917	**Toluene-2,6-diisocyanate**	**91-08-7**	129-133 @18mm					03/01/00	09/18/14	
2918	Toluene-d8; (Deuterated toluene)	2037-26-5	110			0.94		07/11/07	04/24/15	04/24/15
2919	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	292	0.75	100.4			09/30/97	09/18/14	01/09/13
2920	Toluenesulfonamide, p-; (Pasam)	70-55-3	221 @ 10 mm Hg	0.000096	25			10/11/05	01/09/13	01/09/13
2921	Toluenesulfonic acid, methyl ester, p-	80-48-8	144.5 @5mm			1.230-1.238		10/11/05	01/09/13	01/09/13
2922	Toluenesulfonyl chloride, p-	98-59-9	152 @ 20 mm	1	88	1.33		04/14/04	10/25/13	12/31/11
2923	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	140 @ 20 mm					04/14/04	10/04/13	12/31/11
2924	Toluenethiol, m-	108-40-7						01/04/99	10/04/13	12/31/11
2925	Toluidine, m-; (3-Methylaniline)	108-44-1	203.3	1	41	0.989		01/04/99	03/10/15	01/29/14
2926	Toluidine, o-	95-53-4	200.3	7.5x10-2	18.8	0.9984 @ 20°C	15000	12/30/95	09/18/14	01/29/14
2927	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	200.4	1	42	1.046 @ 20°C	11000	06/13/02	09/18/14	01/29/14
2928	Toxaphene; (Chlorinated camphene)	8001-35-2	dec	6.69x10-6	20	1.65		12/30/95	03/10/15	
2929	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	156	6	25	1.183		12/08/02	03/10/15	12/31/11
2930	Tri(2-ethylhexyl) phosphate; (Trioctyl phosphate)	78-42-2	226.9	0.03	20	0.9077		08/07/98	10/04/13	01/15/13
2931	Triacetin; (Triacetyl glycerin)	102-76-1	258			1.1562	10000	03/01/00	10/04/13	04/27/12
2932	Triamiphos	1031-47-6	400	0.0000001	25			12/08/02	01/29/14	01/29/14

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2933	Triaryl sulfonium chloride salts	109037-76-5	284.04	mg/m^3	11.61	C6H6Cl4S2	S	
2934	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4	219.33	mg/m^3	8.96	C9H21N3O3	S	
2935	Triazofos; (Triazophos)	24017-47-8	313.34	mg/m^3	12.81	C12H16N3O3PS	L	5
2936	Tribenzylamine	620-40-6	287.4036	mg/m^3	11.75	C21.H21.N	S	90-92
2937	Tributyl citrate	77-94-1	360.5	ppm	14.73	C18.H22.O7	L	-20
2938	Tributyl phosphate	126-73-8	266.31	ppm	10.88	C12H27O4P	L	-80
2939	Tributyl(2,4-dichlorobenzyl) phosphonium chloride	115-78-6	397.83	mg/m^3	16.26	C19H32Cl2P.Cl	S	114-120
2940	Tributyl-1-butanaminium iodide, N,N,N-; (Tetrabutylammonium iodide)	311-28-4	369.43	mg/m^3	15.10	C16.H36.N.I	S	146-148
2941	Tributylphosphine	998-40-3	202.36	ppm	8.27	C12.H27.P	L	
2942	Tributyltetradecylphosphonium chloride	81741-28-8		mg/m^3		[Unknown]	S	
2943	Trichloramine; (Nitrogen chloride)	10025-85-1	120.36	ppm	4.92	Cl3N	L	< -40
2944	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	280.43	ppm	11.46	C6H3Cl5Si	L	
2945	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	187.37	mg/m^3	7.66	C2Cl3F3	L	14.2
2946	Trichloro-2-nitrosobenzene, 1,3,5-	1196-13-0	210.44	mg/m3	8.60	C6.H2.Cl3.N.O	S	
2947	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	165.4	mg/m^3	6.76	C2H3Cl3O2	S	57
2948	Trichloroacetaldehyde; (Chloral)	75-87-6	147.39	mg/m^3	6.02	C2HCl3O	L	-57.5
2949	Trichloroacetic acid	76-03-9	163.38	ppm	6.68	C2HCl3O2	S del	57.7
2950	Trichloroacetyl chloride	76-02-8	181.82	ppm	7.43	C2-Cl4-O	L	-146
2951	Trichlorobenzene, 1,2,3-	87-61-6	181.45	mg/m^3	7.42	C6H3Cl3	S	51.3
2952	Trichlorobenzene, 1,2,4-	120-82-1	181.45	ppm	7.42	C6H3Cl3	L or S	16.92
2953	**Trichloroethane, 1,1,1-; (Methyl chloroform)**	**71-55-6**	133.4	ppm	5.45	C2H3Cl3	L	-30.01
2954	Trichloroethane, 1,1,2-	79-00-5	133.4	ppm	5.45	C2H3Cl3	L	-36.3

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2933	Triaryl sulfonium chloride salts	109037-76-5						09/30/97	01/09/13	12/31/11
2934	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4						01/04/99	10/04/13	12/31/11
2935	Triazofos; (Triazophos)	24017-47-8	350	0.00001	25	1.25 @ 20°C		12/08/02	10/04/13	12/31/11
2936	Tribenzylamine	620-40-6	380-390			0.9912		10/11/05	10/04/13	12/31/11
2937	Tributyl citrate	77-94-1	233 @ 20C			1.05		10/11/05	10/04/13	12/31/11
2938	Tributyl phosphate	126-73-8	289	75	205	0.9727		12/30/95	12/05/13	12/05/13
2939	Tributyl(2,4-dichlorobenzyl) phosphonium chloride	115-78-6						06/13/02	10/04/13	12/31/11
2940	Tributyl-1-butanaminium iodide, N,N,N-; (Tetrabutylammonium iodide)	311-28-4				1.2		10/11/05	10/04/13	12/31/11
2941	Tributylphosphine	998-40-3	240	16	121	0.812		07/11/07	10/04/13	12/31/11
2942	Tributyltetradecylphosphonium chloride	81741-28-8						06/13/02	10/04/13	12/31/11
2943	Trichloramine; (Nitrogen chloride)	10025-85-1	< 71	150	20	1.653		06/13/02	10/04/13	12/31/11
2944	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	260	70	25	1.562		12/08/02	02/13/15	
2945	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	45.8	360	25	1.579		01/10/01	10/04/13	12/31/11
2946	Trichloro-2-nitrosobenzene, 1,3,5-	1196-13-0						03/22/10	10/04/13	10/04/13
2947	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	96 dec	15	25	1.9081 @ 20°C		11/15/96	07/05/13	07/05/13
2948	Trichloroacetaldehyde; (Chloral)	75-87-6	97.8	75	33.8	1.512 @ 20°C		09/30/97	12/30/09	12/31/11
2949	Trichloroacetic acid	76-03-9	197.5	1	51	1.62		01/04/99	04/10/14	04/10/14
2950	Trichloroacetyl chloride	76-02-8	114-116	21.32	25	1.629		04/15/07	10/04/13	12/31/11
2951	Trichlorobenzene, 1,2,3-	87-61-6	218.5	0.21	25	1.4533		09/30/97	09/26/14	01/15/13
2952	Trichlorobenzene, 1,2,4-	120-82-1	213.5	0.46	25	1.459	25000	12/30/95	09/26/14	12/31/11
2953	**Trichloroethane, 1,1,1-; (Methyl chloroform)**	**71-55-6**	74.09	75	14.2	1.3390 @ 20°C	75000	12/30/95	02/13/15	02/2000
2954	Trichloroethane, 1,1,2-	79-00-5	113.8	7.5	7	1.4397 @ 20°C		12/30/95	03/10/15	01/09/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2955	Trichloroethanol, 2,2,2-	115-20-8	149.4	mg/m^3	6.11	C2.H3.Cl3.O	S/L	17.8
2956	**Trichloroethylene**	**79-01-6**	131.39	ppm	5.37	C2HCl3	L	-84.7
2958	Trichlorofluoromethane; (Fluorotrichloromethane; Freon 11)	75-69-4	137.37	ppm	5.61	CCl3F	L or G	-110.44
2959	Trichlorohydroxyethyl dimethylphosphonate; ((2,2,2-Trichloro-1-hydroxyethyl)dimethylphosphonate; Trichlorphon)	52-68-6	257.44	mg/m^3	10.52	C4.H8.C13.O4.P	S	83-84
2960	Trichloroisocyanuric acid	87-90-1	232.41	mg/m^3	9.50	C3.Cl3.N3.O3	S	235
2961	Trichloronaphthalene	1321-65-9	231.5	mg/m^3	9.46	C10.H5.Cl3	S	92.78
2962	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	333.6	mg/m^3	13.63	C10H12Cl3O2PS	L	
2963	Trichloronitrobenzene, 2,4,5-	89-69-0	226.44	mg/m3	9.25	C6.H2.Cl3.N.O2	S	57
2964	Trichlorophenol, 2,3,6-	933-75-5	197.44	mg/m^3	8.07	C6H3Cl3O	S	58
2965	Trichlorophenol, 2,4,5-	95-95-4	197.45	mg/m^3	8.07	C6H3Cl3O	S	69
2966	Trichlorophenol, 2,4,6-	88-06-2	197.45	mg/m^3	8.07	C6H3Cl3O	S	69
2967	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (Silvex)	93-72-1	269.51	mg/m^3	11.02	C9H7Cl3O3	S	181.6
2968	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	255.48	mg/m^3	10.44	C8H5Cl3O3	S	153
2969	**Trichlorophenylsilane**	**98-13-5**	211.55	ppm	8.65	C6H5ClSi	L	
2970	Trichloropropane, 1,2,3-	96-18-4	147.43	ppm	6.03	C3H5Cl3	L	-14.7
2971	**Trichlorosilane**	**10025-78-2**	135.45	ppm	5.54	Cl3HSi	L	-128.2
2972	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	187.38	ppm	7.66	C2Cl3F3	L	-36.22
2973	Tridecane	629-50-5	184.41	ppm	7.54	C13H28	L	-5.3
2974	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	521.9952	mg/m^3	21.33	C36.H75.N	L	16.4
2975	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	149.19	mg/m^3	6.10	C6H15NO3	S	20.5
2976	**Triethoxysilane**	**998-30-1**	164.28	ppm	6.71	C6H16O3Si		-170

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2955	Trichloroethanol, 2,2,2-	115-20-8	150	1	20	1.54		07/11/07	10/04/13	12/31/11
2956	**Trichloroethylene**	**79-01-6**	87.21	75	26.7	1.464 @ 20°C	80000	12/30/95	03/10/15	10/11/05
2958	Trichlorofluoromethane; (Fluorotrichloromethane; Freon 11)	75-69-4	23.7	750	23.3	1.494 @ 17.2°C		11/30/92	11/18/14	11/18/14
2959	Trichlorohydroxyethyl dimethylphosphonate; ((2,2,2-Trichloro-1-hydroxyethyl)dimethylphosphonate; Trichlorphon)	52-68-6	100 @ 1 mmHg			1.73 @ 20°C		07/11/07	10/04/13	12/31/11
2960	Trichloroisocyanuric acid	87-90-1				> 1		09/17/07	10/04/13	12/31/11
2961	Trichloronaphthalene	1321-65-9	304.44 - 354.44			1.58		04/15/07	10/04/13	12/31/11
2962	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	360	20	25	1.365 @ 20°C		12/08/02	10/04/13	12/31/11
2963	Trichloronitrobenzene, 2,4,5-	89-69-0	208					06/11/10	10/04/13	12/31/11
2964	Trichlorophenol, 2,3,6-	933-75-5	253					06/13/02	10/07/14	07/19/13
2965	Trichlorophenol, 2,4,5-	95-95-4	247	0.008	25	1.678		12/30/95	10/06/14	10/06/14
2966	Trichlorophenol, 2,4,6-	88-06-2	246	0.75	71.8	1.4901 @ 75°C		12/30/95	10/07/14	07/19/13
2967	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (Silvex)	93-72-1		9.97x10-6	25	1.2085 @ 20°C		12/30/95	10/04/13	12/31/11
2968	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	dec	<0.01 mPa	20	1.80 @ 20°C		12/30/95	07/08/13	07/08/13
2969	**Trichlorophenylsilane**	**98-13-5**	201			1.321 @ 20°C		06/13/02	06/13/09	
2970	Trichloropropane, 1,2,3-	96-18-4	157	7.5	37	1.3889 @ 20°C	32000	09/30/97	05/26/15	05/26/15
2971	**Trichlorosilane**	**10025-78-2**	33	750	31.6	1.331	12000	07/09/97	02/12/15	
2972	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	47.7	750	47.3	1.5635		11/30/92	10/04/13	12/31/11
2973	Tridecane	629-50-5	235.4	0.056	25	0.7564		01/04/99	10/04/13	12/31/11
2974	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	220			0.824		04/14/04	10/11/13	10/04/13
2975	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	335.4	7.5x10-3	75	1.1242 @ 20°C		09/30/97	03/10/15	08/15/12
2976	**Triethoxysilane**	**998-30-1**	133.5	8.5	25	0.8745 @ 20°C		06/13/02	06/13/09	

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2977	Triethoxyvinylsilane	78-08-0	190.35	ppm	7.78	C8.H18.O3.Si	L	
2978	Triethyl phosphate; (TEP)	78-40-0	182.18	mg/m^3	7.45	C6H15O4P	L	-56.4
2979	Triethyl phosphite	122-52-1	166.18	ppm	6.79	C6H15O3P	L	
2980	Triethylaluminum	97-93-8	114.19	mg/m^3	4.67	C6.H15.Al	L	-52.5
2981	Triethylamine	121-44-8	101.22	ppm	4.14	C6H15N	L	-114.8
2982	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9	163.21	mg/m^3	6.67	C6H15N.CH2O3		
2983	Triethylbenzene (mixed isomers)	25340-18-5	162.3	ppm	6.63	C12H18		-66.5
2984	Triethylene glycol	112-27-6	150.2	mg/m^3	6.14	C6H14O4	L	-4.3
2985	Triethylene glycol monomethyl ether	112-35-6	164.23	mg/m^3	6.71	C7H16O4	L	-44
2986	Triethylenetetramine	112-24-3	146.28	ppm	5.98	C6H18N4	L	12
2987	Triethylethanaminium hydroxide, N,N,N-; (Tetraethyl ammonium hydroxide)	77-98-5	147.3	mg/m^3	6.02	C8.H20.N.H.O	S solu-tion	
2988	Triethyloxonium tetrafluoroborate	368-39-8	190.02	mg/m^3	7.77	C6.H15.O.B.F4	S	
2989	Triethylphosphorothioate; (Tepto)	126-68-1	198.24	ppm	8.10	C6.H15.O3.P.S	L	
2990	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8	272.01	mg/m^3	11.12	C8H6BF5O2S	S	
2991	Trifluoro-4-nitro-m-cresol, alpha,alpha,alpha-; (4-Nitro-3-(trifluoromethyl)phenol)	88-30-2	207.12	mg/m^3	8.47	C7.H4.F3.N.O3	S	76-79
2992	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4	116.05	mg/m^3	4.74	C2.H3.F3.O2		
2993	Trifluoroacetic acid anhydride	407-25-0	210.04	mg/m^3	8.58	C4.F6.O3	L	-65
2994	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	114.03	ppm	4.66	C2HF3O2	L	-15.25
2995	Trifluoroacetyl chloride	354-32-5	132.47	ppm	5.41	C2ClF3O	L	
2996	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	100.05	ppm	4.09	C2.H3.F3.O	L	-44
2997	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	150.08	ppm	6.13	C.H.F3.O3.S	L	-40
2998	Trifluoromethanesulfonic anhydride	358-23-6	282.14	mg/m^3	11.53	(C.F3.S.O2)2O	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2977	Triethoxyvinylsilane	78-08-0	160.62 @ 20	2.25	20	0.901		07/11/07	03/10/15	12/31/11
2978	Triethyl phosphate; (TEP)	78-40-0	215.5	0.39	25	1.0725 @ 19°C	12000	01/04/99	03/10/15	12/05/13
2979	Triethyl phosphite	122-52-1	156			1.413		03/01/00	03/10/15	12/31/11
2980	Triethylaluminum	97-93-8	194	4	83	0.837 @ 20°C		04/14/04	02/27/14	07/08/13
2981	Triethylamine	121-44-8	89.5			0.7255	12000	01/04/99	05/26/15	05/26/15
2982	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9						07/11/07	10/04/13	12/31/11
2983	Triethylbenzene (mixed isomers)	25340-18-5	216	61.0-69.9	20	0.8631 @ 20°C		08/07/98	03/10/15	12/31/11
2984	Triethylene glycol	112-27-6	285	1	114	1.122	9000	01/04/99	01/22/14	01/15/13
2985	Triethylene glycol monomethyl ether	112-35-6	249			1.0494		01/04/99	10/04/13	12/31/11
2986	Triethylenetetramine	112-24-3	272	<0.01	20	0.982		01/04/99	10/10/13	10/10/13
2987	Triethylethanaminium hydroxide, N,N,N-; (Tetraethyl ammonium hydroxide)	77-98-5						10/11/05	10/04/13	01/09/13
2988	Triethyloxonium tetrafluoroborate	368-39-8						07/11/07	10/04/13	12/31/11
2989	Triethylphosphorothioate; (Tepto)	126-68-1	93.2-94			1.074		07/11/07	10/04/13	12/31/11
2990	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8						08/07/98	10/04/13	12/31/11
2991	Trifluoro-4-nitro-m-cresol, alpha,alpha,alpha-; (4-Nitro-3-(trifluoromethyl)phenol)	88-30-2	135-138					07/11/07	10/04/13	12/31/11
2992	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4						07/11/07	10/04/13	12/31/11
2993	Trifluoroacetic acid anhydride	407-25-0	39.5			1.49		10/11/05	10/04/13	12/31/11
2994	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	71.1			1.535		01/04/99	07/08/13	07/08/13
2995	Trifluoroacetyl chloride	354-32-5						12/08/02	10/24/13	10/24/13
2996	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	103 - 105			1.288		04/14/04	10/04/13	12/31/11
2997	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	162			1.696		07/11/07	03/26/15	03/26/15
2998	Trifluoromethanesulfonic anhydride	358-23-6	81-83	8	20	1.677		04/15/07	03/26/15	03/26/15

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
2999	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	195.91	ppm	8.01	C.F3.I	G	<-78
3000	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	161.14	mg/m^3	6.59	C7H6F3N	L	3
3001	Trifluralin; (2,6-Dinitro-N,N-dipropyl-4-(trifluoromethyl) benzenamine)	1582-09-8	335.28	mg/m^3	13.70	C13H16F3N3O4	S	49
3002	Triisobutylaluminum	100-99-2	198.3	mg/m^3	8.10	(C4.H9)3.Al	L	6
3003	Trimethoxy(3,3,3-trifluoropropyl)silane	429-60-7	218.2481	mg/m^3	8.92	C8.H13.F3.O3.Si	S	
3004	Trimethoxyboroxine	102-24-9	173.55	mg/m^3	7.09	C3.H9.B3.O6	S	
3005	**Trimethoxysilane**	**2487-90-3**	122.2	ppm	4.99	C3H10O3Si	L	-115
3006	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5	179.29	mg/m^3	7.33	C6.H17.N.O3.Si	L	
3007	Trimethoxysilyl-1-propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	196.37	mg/m^3	8.03	C6.H16.03.S.Si	L	
3008	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	248.39	mg/m^3	10.15	C10.H20.O5.Si	L	<-50
3009	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	222.41	mg/m^3	9.09	C8.H22.N2.O3.Si	L	
3010	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl-)	2768-02-7	148.26	ppm	6.06	C5.H12.O3.Si	L	
3011	Trimethyl borate	121-43-7	103.93	ppm	4.25	C3.H9.B.O3	L	-29
3012	Trimethyl phosphate; (TMP)	512-56-1	140.09	ppm	5.73	C3H9O4P	L	
3013	**Trimethyl phosphite**	**121-45-9**	124.09	ppm	5.07	C3H9O3P	L	-78
3014	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4	216.36	mg/m^3	8.84	C12H24O3		
3015	Trimethyl-1-pentene, 2,4,4-; (Diisobutylene)	107-39-1	112.2144	ppm	4.59	C8.H16	L	-93.5
3016	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9	264.36	mg/m^3	10.80	C13.H28.O5		
3017	Trimethyl-2-hexene, 4,4,5-	55702-61-9	126	mg/m^3	5.15	(CH3)3-C6-H9		
3018	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9	156.25	mg/m^3	6.39	C9.H16.O2		
3019	Trimethylacetic acid; (Pivalic acid)	75-98-9	102.15	mg/m^3	4.18	C5.H10.O2	S	35.5
3020	**Trimethylacetyl chloride; (Pivaloyl chloride)**	**3282-30-2**	120.59	ppm	4.93	C5.H9.Cl.O	L	

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2999	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	-22.5			2.3607 @ 32°C		07/11/07	10/04/13	12/18/12
3000	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	189			1.303		04/15/07	10/25/13	12/31/11
3001	Trifluralin; (2,6-Dinitro-N,N-dipropyl-4-(trifluoromethyl) benzenamine)	1582-09-8	140 @ 4.2 mmHg	4.58x10-5	25	1.36 @ 22°C		09/30/97	10/04/13	07/08/13
3002	Triisobutylaluminum	100-99-2	86 @ 10 mm	1	47	0.7859 @ 20°C		04/14/04	02/27/14	12/31/11
3003	Trimethoxy(3,3,3-trifluoropropyl)silane	429-60-7						04/15/07	10/04/13	12/31/11
3004	Trimethoxyboroxine	102-24-9				1.4		04/14/04	10/04/13	12/31/11
3005	**Trimethoxysilane**	**2487-90-3**	32 @ 100 mmHg	76	25	0.860 @ 20°C		11/15/96	02/12/15	04/15/07
3006	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5						10/11/05	10/04/13	12/31/11
3007	Trimethoxysilyl-1-propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	93-94			1.015		10/11/05	10/04/13	12/31/11
3008	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	190			1.045		10/11/05	10/04/13	01/17/12
3009	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	146 @ 15 mm			1.01		07/11/07	10/04/13	12/31/11
3010	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl-)	2768-02-7	123			1.13		07/11/07	10/04/13	12/31/11
3011	Trimethyl borate	121-43-7	68	137	25	0.92 @ 20°C		10/11/05	10/04/13	12/31/11
3012	Trimethyl phosphate; (TMP)	512-56-1	197.2			1.97 @ 19.5°C		03/01/00	12/05/13	07/08/13
3013	**Trimethyl phosphite**	**121-45-9**	111-112			1.046		03/01/00	03/10/15	09/28/10
3014	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4					6000	01/04/99	10/04/13	12/31/11
3015	Trimethyl-1-pentene, 2,4,4-; (Diisobutylene)	107-39-1	101.4	44.7	25	0.715 @ 20°C	8000	07/11/07	03/10/15	12/31/11
3016	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9						03/01/00	10/04/13	12/31/11
3017	Trimethyl-2-hexene, 4,4,5-	55702-61-9						03/01/00	10/04/13	12/31/11
3018	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9						08/07/98	10/04/13	12/31/11
3019	Trimethylacetic acid; (Pivalic acid)	75-98-9	163.8			0.91		07/11/07	10/04/13	12/31/11
3020	**Trimethylacetyl chloride; (Pivaloyl chloride)**	**3282-30-2**	107			1.003 @ 20°C		10/11/05	02/12/15	09/26/14

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3021	Trimethylaluminum	75-24-1	72.09	mg/m^3	2.95	C3.H9.Al	S	15
3022	**Trimethylamine**	**75-50-3**	59.11	ppm	2.42	C3H9N	G	-117.1
3023	Trimethylaniline, 2,4,6-	88-05-1	135.23	mg/m^3	5.53	C9H13N	L	-5
3024	**Trimethylbenzene, 1,2,3-**	**526-73-8**	120.19	ppm	4.91	C9H12	L	-25.4
3025	**Trimethylbenzene, 1,2,4-; (Pseudocumene)**	**95-63-6**	120.19	ppm	4.91	C9H12	L	-43.77
3026	**Trimethylchlorosilane**	**75-77-4**	108.66	ppm	4.44	C3H9ClSi	L	-40
3027	Trimethyldecane, all isomers; (inlcudes 62238-01-1, 62108-23-0)	62338-09-4	184	ppm	7.52	C13-H28	L	
3028	Trimethylgallium	1445-79-0	114.8	mg/m^3	4.69	C3.H9.Ga	L	-15.9
3029	Trimethylhexane, 2,2,5-; (Neononane)	3522-94-9	128.29	ppm	5.24	C9-H20	L	
3030	Trimethyl-N'-(hydroxyethyl)-1,3-propanediamine, N,N,N'-; (2-((3-(Dimethylamino)propyl)methylamino)ethanol)	82136-26-3		mg/m^3				
3031	Trimethyloctane, all isomers; (inlcudes 62016-28-8, 62016-34-6, 62016-37-9, 54166-32-4)	98060-52-7	156.31	ppm	6.39	C11-.H24	G	
3032	Trimethylolpropane ethoxylate	50586-59-9		mg/m^3		(C2.H4.O)n(C2.H4.O)n(C2.H4.O)n.C6.H14.O3	L	
3033	Trimethylolpropane phosphite	824-11-3	162.14	mg/m^3	6.63	C6-H11-O3-P	S	56
3034	Trimethylphosphine	594-09-2	76.08	ppm	3.11	(C.H3)3.P	L	-85
3035	Trimethylpyridine, 2,4,6-	108-75-8	121.2	ppm	4.95	C8H11N		
3036	Trimethylsilanol	1066-40-6	90	ppm	3.68	C3-H10-O-Si		
3037	Trimethylsilylmethyllithium	1822-00-0	94.16	mg/m^3	3.85	(C.H3)3.Si.C.H2.Li	L	13.9
3038	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	199.26	mg/m^3	8.14	Sn.C3H9Cl	S	42
3039	Trimethyltriheptylamine, 6,6',6''-; (Triisooctylamine)	2757-28-0	353.76	mg/m^3	14.46	C24H51N		
3040	Tri-n-butylamine	102-82-9	185.4	ppm	7.58	C12.H27.N	L	-70
3041	Trinitrobenzene, 1,3,5-	99-35-4	213.1	mg/m^3	8.71	C6H3N3O6	S	122.9
3042	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9	247.56	mg/m^3	10.12	C6H2ClN3O6	S	

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3021	Trimethylaluminum	75-24-1	125-126	69.3	60	0.752		07/11/07	02/27/14	12/31/11
3022	**Trimethylamine**	**75-50-3**	2.87	750	2.6	0.627	20000	11/30/92	02/13/15	05/16/08
3023	Trimethylaniline, 2,4,6-	88-05-1	232			0.96		06/13/02	09/15/15	12/31/11
3024	**Trimethylbenzene, 1,2,3-**	**526-73-8**	176.12	0.75	15	0.8944 @ 20°C	8000	01/04/99	02/12/15	12/31/11
3025	**Trimethylbenzene, 1,2,4-; (Pseudocumene)**	**95-63-6**	169.38	0.75	11	0.8758 @ 20°C	9000	08/21/96	08/27/15	06/03/13
3026	**Trimethylchlorosilane**	**75-77-4**	57			0.854	18000	08/07/98	01/22/10	01/22/10
3027	Trimethyldecane, all isomers; (inlcudes 62238-01-1, 62108-23-0)	62338-09-4						03/01/00	03/10/15	10/09/14
3028	Trimethylgallium	1445-79-0	55.7					07/11/07	10/04/13	12/31/11
3029	Trimethylhexane, 2,2,5-; (Neononane)	3522-94-9	124			0.7072		06/13/02	03/10/15	07/24/13
3030	Trimethyl-N'-(hydroxyethyl)-1,3-propanediamine, N,N,N'-; (2-((3-(Dimethylamino)propyl)methylamino)ethanol)	82136-26-3						09/05/08	10/04/13	12/31/11
3031	Trimethyloctane, all isomers; (inlcudes 62016-28-8, 62016-34-6, 62016-37-9, 54166-32-4)	98060-52-7	10.7	760	10.7	0.8711		12/08/02	03/10/15	10/09/14
3032	Trimethylolpropane ethoxylate	50586-59-9				1.11		10/11/05	10/04/13	12/31/11
3033	Trimethylolpropane phosphite	824-11-3	200	0.2	25			12/08/02	10/04/13	12/31/11
3034	Trimethylphosphine	594-09-2	37.5			0.735		07/11/07	10/04/13	12/31/11
3035	Trimethylpyridine, 2,4,6-	108-75-8						01/04/99	10/04/13	12/31/11
3036	Trimethylsilanol	1066-40-6						12/08/02	06/14/09	08/26/07
3037	Trimethylsilylmethyllithium	1822-00-0	35-36			0.65		07/11/07	10/04/13	12/31/11
3038	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	154-156	3	25			06/13/02	07/04/14	12/18/12
3039	Trimethyltriheptylamine, 6,6',6''-; (Triisooctylamine)	2757-28-0						01/04/99	10/04/13	12/31/11
3040	Tri-n-butylamine	102-82-9	216.5	0.0934	25	0.78		07/11/07	03/10/15	01/29/14
3041	Trinitrobenzene, 1,3,5-	99-35-4	315	6.44x10-6	25	1.4475 @ 152°C		12/30/95	10/04/13	12/31/11
3042	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9						08/07/98	10/04/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3043	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	287.17	mg/m^3	11.74	C7H5N5O8	S	131-132
3044	Trinitrotoluene, 2,4,6-	118-96-7	227.15	mg/m^3	9.28	C7H5N3O6	S	82
3045	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	386.64	mg/m^3	15.80	C24H51OP		52
3046	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	353.76	mg/m^3	14.46	C24H51N	L	
3047	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7	370.72	mg/m^3	15.15	C24.H51.P	S	
3048	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	368.39	ppm	15.06	C21H21O4P	L	-25 -30
3049	Tripentaerythritol	78-24-0	372.41	mg/m^3	15.22	C15.H32.O10	S	225-240
3050	Triphenyl phosphate	115-86-6	326.3	mg/m^3	13.34	C18H15O4P	S	49-50
3051	Triphenyl phosphite	101-02-0	310.3	mg/m^3	12.68	C18.H15.O3.P	S	21-23
3052	Triphenylborane	960-71-4	242.14	mg/m^3	9.90	C18.H15.B	S	142
3053	Triphenylethoxysilane	1516-80-9	304.458	mg/m^3	12.44	C20.H20.O.Si	S	65
3054	Triphenylolmethane triglycidyl ether	66072-38-6	460.5256	mg/m^3	18.82	C28.H28.O6	S	
3055	Triphenylphosphine	603-35-0	262.3	mg/m^3	10.72	C18.H15.P	S	79
3056	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	385.47	mg/m^3	15.75	Sn.ClC18H15	S	106
3057	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9	395.55	mg/m^3	16.17	K3-C10-H18-N2-O7	S	
3058	Tripotassium arsenate	13464-36-3	256.22	mg/m^3	10.47	3K-As-O4	S	
3059	Tripropyl phosphate; (TPP)	513-08-6	224.23	mg/m^3	9.16	C9.H21.O4.P	L	
3060	Tripropylamine	102-69-2	143.31	ppm	5.86	C9.H21.N	L	-93.5
3061	Tripropylene glycol methyl ether	25498-49-1	206.32	mg/m^3	8.43	C10.H22.O4	L	-78.89
3062	Tripropylene glycol monomethyl ether; (1-(2-(2-Methoxy-1-methylethoxy)-1-methylethoxy)-2-propanol)	20324-33-8	206.32	ppm	8.43	C10-H22-O4	L	
3063	Tripropylene glycol; (((1-Methyl-1,2-ethanediyl)bis(oxy))bispropanol)	24800-44-0	192.29	ppm	7.86	C9.H20.O4	L	< -30
3064	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1	157.6	mg/m^3	6.44	N.H2.C(C.H2.O.H)3.H.Cl	S	150-152

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3043	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	187 expl			1.57 @ 19°C		03/01/00	10/04/13	12/31/11
3044	Trinitrotoluene, 2,4,6-	118-96-7	240 expl			1.654		08/07/98	10/04/13	01/17/12
3045	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	201 @ 2 mmHg					12/30/95	10/07/13	12/31/11
3046	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	365-367			0.809		01/04/99	10/07/13	12/31/11
3047	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7						07/11/07	10/07/13	12/31/11
3048	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	410			1.17		08/07/98	10/07/13	01/25/12
3049	Tripentaerythritol	78-24-0						04/14/04	10/07/13	12/31/11
3050	Triphenyl phosphate	115-86-6	245 @ 11 mm	1	193.5	1.268 @ 60°C		01/04/99	01/09/13	01/09/13
3051	Triphenyl phosphite	101-02-0	183-184 @0.1mm			1.184		04/14/04	01/10/13	01/10/13
3052	Triphenylborane	960-71-4						07/11/07	10/07/13	12/31/11
3053	Triphenylethoxysilane	1516-80-9	344					10/11/05	10/07/13	12/31/11
3054	Triphenylolmethane triglycidyl ether	66072-38-6						10/11/05	10/07/13	12/31/11
3055	Triphenylphosphine	603-35-0	>360			1.194		04/14/04	10/07/13	12/31/11
3056	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	240 @ 13.5 mm					06/13/02	07/04/14	10/10/13
3057	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9						12/08/02	01/29/14	01/29/14
3058	Tripotassium arsenate	13464-36-3				2.8		12/08/02	01/28/14	01/28/14
3059	Tripropyl phosphate; (TPP)	513-08-6	120-122 @ 10 mm			1.012		07/22/08	12/06/13	12/06/13
3060	Tripropylamine	102-69-2	156	1.51	25	0.7558 @ 20°C	7000	07/11/07	10/08/13	12/31/11
3061	Tripropylene glycol methyl ether	25498-49-1	242.4			0.965		07/11/07	10/08/13	12/31/11
3062	Tripropylene glycol monomethyl ether; (1-(2-(2-Methoxy-1-methylethoxy)-1-methylethoxy)-2-propanol)	20324-33-8	243			0.967		12/08/02	10/08/13	12/08/11
3063	Tripropylene glycol; (((1-Methyl-1,2-ethanediyl)bis(oxy))bispropanol)	24800-44-0	267	1	96	1.023	8000	12/08/02	03/10/15	12/31/11
3064	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1						04/14/04	10/04/13	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3065	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6	243.2744	mg/m^3	9.94	C7.H17.N.O6.S	S	240
3066	Tris(2-aminoethyl)amine	4097-89-6	146.28	mg/m^3	5.98	C6.H18.N4		
3067	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	285.5	mg/m^3	11.67	C6.H12.Cl3.O4.P	L	-55
3068	**Tris(2-chloroethyl)amine; (Nitrogen mustard-3)**	**555-77-1**	204.57	mg/m^3	8.36	C6H12Cl3N	L	-4
3069	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2	265.45	mg/m^3	10.85	C15H27N3O		
3070	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	121.16	mg/m^3	4.95	C4H11NO3	S	171-172
3071	Trisodium arsenate	13464-38-5	207.89	mg/m^3	8.50	3Na-As-O4 or 3Na-As-(OH)3	S	
3072	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3	334.03	mg/m^3	13.65	AsO4.3Na.7H2O		
3073	Trisodium citrate	68-04-2	258.08	mg/m^3	10.55	3Na-C6-H5-O7	S	
3074	Trisodium N-hydroxyethylethylenediaminetriacetate; (Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate)	139-89-9	344.22	mg/m^3	14.07	C10-H18-N2-O7.3Na	S	288
3075	Trisodium phosphate; (Sodium phosphate, tribasic)	7601-54-9	163.94	mg/m^3	6.70	Na3O4P	S	1583
3076	Triton X-100; (Poly(oxyethylene)-p-tert-octylphenyl ether)	9002-93-1		mg/m^3		(C2H4O)n.C14H22O	L	
3077	Trypsin; (Parenzyme; Chymotrypsin inhibitor)	9002-07-7		mg/m^3			S	
3078	Tungsten	7440-33-7	183.84	mg/m^3	7.51	W	S	3422
3079	Tungsten boride	12007-09-9	194.65	mg/m^3	7.96	W.B	S	2665
3080	Tungsten carbide	12070-12-1	195.9	mg/m^3	8.01	W.C	S	2785
3081	Tungsten hexafluoride	7783-82-6	297.85	mg/m^3	12.17	F6W	G	2.3
3082	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	231.84	mg/m^3	9.48	O3.W	S	1473
3083	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8	325.662	mg/m^3	13.31	W.Cl4	S	
3084	Tungsten(IV) oxide	12036-22-5	215.84	mg/m^3	8.82	O2W	S	1500-1700
3085	Tungstic acid	7783-03-1	249.8534	mg/m^3	10.21	W-H2-O4	S	100 dec
3086	Tungstosilicic acid	11130-20-4	2878.2931	mg/m^3	117.64	4H.O40.Si.W12	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3065	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6						10/11/05	11/01/13	12/31/11
3066	Tris(2-aminoethyl)amine	4097-89-6						07/11/07	10/08/13	12/31/11
3067	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	330			1.39		04/14/04	11/11/13	11/11/13
3068	**Tris(2-chloroethyl)amine; (Nitrogen mustard-3)**	**555-77-1**	98 @ 2mm			1.2347		03/01/00	02/17/15	12/31/11
3069	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2						09/30/97	10/08/13	12/31/11
3070	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	219-220 @10mm					01/10/01	10/08/13	12/31/11
3071	Trisodium arsenate	13464-38-5						09/17/07	01/28/14	01/28/14
3072	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3						06/13/02	10/08/13	12/31/11
3073	Trisodium citrate	68-04-2	dec					12/08/02	10/08/13	02/07/12
3074	Trisodium N-hydroxyethylethylenediaminetriacetate; (Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate)	139-89-9				1.285		12/08/02	12/20/13	12/20/13
3075	Trisodium phosphate; (Sodium phosphate, tribasic)	7601-54-9				2.54		12/30/95	12/16/13	12/16/13
3076	Triton X-100; (Poly(oxyethylene)-p-tert-octylphenyl ether)	9002-93-1				1.0595		01/04/99	01/14/14	01/10/13
3077	Trypsin; (Parenzyme; Chymotrypsin inhibitor)	9002-07-7						07/11/07	10/08/13	01/23/12
3078	Tungsten	7440-33-7	5555	7.5x10-3	3204	19.3		09/30/97	07/17/14	09/18/12
3079	Tungsten boride	12007-09-9				15.2		10/11/05	07/17/14	12/31/11
3080	Tungsten carbide	12070-12-1				15.6		04/14/04	07/17/14	12/31/11
3081	Tungsten hexafluoride	7783-82-6	17.5			13.069		01/04/99	07/17/14	08/15/12
3082	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	~ 1700			7.2		09/30/97	07/17/14	07/17/14
3083	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8						07/11/07	07/17/14	12/31/11
3084	Tungsten(IV) oxide	12036-22-5				10.8		08/07/98	07/17/14	12/31/11
3085	Tungstic acid	7783-03-1				5.5		12/08/02	07/17/14	12/31/11
3086	Tungstosilicic acid	11130-20-4						07/11/07	07/17/14	12/31/11

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3087	Turpentine, (Alpha and beta pinene, 80-56-8)	8006-64-2	140	ppm	5.72	C10.H16 approx	L	-55
3088	Undecane	1120-21-4	156.35	ppm	6.39	C11H24	L	-25.75
3089	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	170.33	ppm	6.96	C11-H22-O	L	12
3090	Uranine; (Fluorescein sodium)	518-47-8	376.28	mg/m^3	15.38	C20H10Na2O5	S	
3091	Uranium	7440-61-1	238.03	mg/m^3	9.73	U	S	1135
3092	**Uranium dioxide; (Uranium(IV) oxide)**	**1344-57-6**	270.03	mg/m^3	11.04	O2U	S	2875
3093	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	352.02	mg/m^3	14.39	F6U	S	64.06 triple point
3094	Uranium hydride; (Uranium(III) hydride)	13598-56-6	241.05	mg/m^3	9.85	H3U	S	
3095	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**	842.08	mg/m^3	34.42	O8U3	S	1300 dec
3096	Uranium telluride	12138-37-3	493.23	mg/m^3	20.16	Te2U	S	
3097	Uranium telluride (U3Te4)	12040-21-0	1224.08	mg/m^3	50.03	Te4U3	S	
3098	**Uranium trioxide**	**1344-58-7**	286.03	mg/m^3	11.69	U.O3	S	
3099	Uranyl acetate; (Uranium oxyacetate)	541-09-3	388.1	mg/m^3	15.86	C4H6O6U	S	110 loss H2O
3100	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0	308	mg/m^3	12.59	U.O2.F2	S	300 dec
3101	Uranyl hydroxide (includes liquids)	13470-18-3	304.04	mg/m^3	12.43	U.O2.(OH)2	S	
3102	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	394.02	mg/m^3	16.10	N2.O8.U	S	60.2
3103	Uranyl nitrate (yellow salt)	36478-76-9	394.02	mg/m^3	16.10	N2O8U	S	60.2
3104	Uranyl nitrate hexahydrate	13520-83-7	502.14	mg/m^3	20.52	N2.O8.U.6(H2.O)	6	60.2
3105	Uranyl nitrite (liquids)	z-0087	362.04	mg/m^3	14.80	U.O2.(N.O2)2	L	
3106	Urea	57-13-6	60.07	mg/m^3	2.46	CH4N2O	S	132.7
3107	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	94.09	mg/m^3	3.85	C.H4.N2.O.H2.O2	S	75-85
3108	Urea), N,N''-(4-methyl-1,3-phenylene)bis(N',N'-dimethyl-	17526-94-2	264.33	mg/m^3	10.80	C13.H20.N4.O2	S	

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3087	Turpentine, (Alpha and beta pinene, 80-56-8)	8006-64-2	154-170			0.854-0.868		04/14/04	03/10/15	01/15/13
3088	Undecane	1120-21-4	195.6			0.7402		08/07/98	10/09/14	10/09/14
3089	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	223			0.829 @ 30°C		12/08/02	03/10/15	07/15/13
3090	Uranine; (Fluorescein sodium)	518-47-8						08/07/98	10/10/13	12/31/11
3091	Uranium	7440-61-1	4131	7.5x10-3	2052	19.1		12/30/95	07/17/14	01/15/13
3092	**Uranium dioxide; (Uranium(IV) oxide)**	**1344-57-6**						01/10/01	07/07/14	12/31/11
3093	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	56.5 subl	115	25	5.09		11/30/92	02/12/15	10/11/05
3094	Uranium hydride; (Uranium(III) hydride)	13598-56-6				11.1		12/30/95	10/08/13	12/31/11
3095	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**				8.38		01/10/01	07/07/14	12/31/11
3096	Uranium telluride	12138-37-3						12/30/95	07/07/14	12/31/11
3097	Uranium telluride (U3Te4)	12040-21-0						07/09/07	07/07/14	12/31/11
3098	**Uranium trioxide**	**1344-58-7**				7.3		04/03/08	07/10/14	01/16/13
3099	Uranyl acetate; (Uranium oxyacetate)	541-09-3	275 dec			2.893		06/27/07	07/07/14	12/31/11
3100	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0				6.37		04/14/04	07/07/14	12/31/11
3101	Uranyl hydroxide (includes liquids)	13470-18-3						04/15/07	07/07/14	12/31/11
3102	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	118			2.81		06/13/02	07/07/14	12/31/11
3103	Uranyl nitrate (yellow salt)	36478-76-9	118			2.807		08/21/96	07/07/14	07/07/14
3104	Uranyl nitrate hexahydrate	13520-83-7	118			2.807 @ 13°C		06/13/02	07/07/14	01/10/13
3105	Uranyl nitrite (liquids)	z-0087						12/08/02	07/07/14	12/31/11
3106	Urea	57-13-6	dec			1.335		08/07/98	03/10/15	09/18/12
3107	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	dec			0.8 @ 20°C		08/17/07	10/08/13	12/31/11
3108	Urea), N,N''-(4-methyl-1,3-phenylene)bis(N',N'-dimethyl-	17526-94-2						09/05/08	10/08/13	10/08/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3109	Urethane; (Carbamic acid, ethyl ester; Ethyl carbamate)	51-79-6	89.11	mg/m^3	3.64	C.H3.C.H2.O.C.O.N.H2	S	49
3110	Valeric acid; (n-Pentanoic acid)	109-52-4	102.15	mg/m^3	4.18	C5.H10.O2	L	-34.5
3111	Valinomycin	2001-95-8	1111.5	mg/m^3	45.43	C54.H90.N6.O18	S	187
3112	Vanadium	7440-62-2	50.94	mg/m^3	2.08	V	S	1910
3113	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	181.88	mg/m^3	7.43	O5V2	S	681
3114	Vanadium sulfate	13566-06-8	147	mg/m^3	6.01	VSO4	S	
3115	Vanadium tetrachloride	7632-51-1	192.74	mg/m^3	7.88	V.Cl4	L	-25.7
3116	Vanadium trioxide	1314-34-7	149.88	mg/m^3	6.13	V2.O3	S	1970
3117	Vanadium(II) sulfate heptahydrate	36907-42-3	273.112	mg/m^3	11.16	V.S.O4.7(H2.O)	S	
3118	Vanadium(III) sulfate	13701-70-7	390.07	mg/m^3	15.94	V2.(S.O4)3	S	
3119	Vanadium, trichlorooxo-	7727-18-6	173.29	ppm	7.08	V.Cl.O3	L	-77
3120	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2	253.07	mg/m^3	10.34	V.S.O5.5(H2.O)	S	
3121	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6	163	mg/m^3	6.66	O5SV	S	
3122	Veratraldehyde	120-14-9	166.19	mg/m^3	6.79	C9.H10.O3	S	42-43
3123	Vermiculite, exfoliated	1318-00-9	288.28	mg/m^3	11.78	Al.Fe.4(H2.O).H-O.Mg.O3-Si.O	S	1316-1370
3124	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1	109.55	mg/m^3	4.48	C4.H7.Cl.S		
3125	**Vinyl acetate**	**108-05-4**	86.09	ppm	3.52	C4H6O2	L	-93.2
3126	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9		mg/m^3		(C6H9ClO2)x	S	
3127	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0		mg/m^3		(C11H18O4)x	S	
3128	Vinyl bromide; (Bromoethylene)	593-60-2	106.95	ppm	4.37	C2H3Br	L or G	-139.54
3129	**Vinyl chloride**	**75-01-4**	62.5	ppm	2.55	C2H3Cl	G	-153.84
3130	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	72.12	ppm	2.95	C4.H8.O	L	-115

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3109	Urethane; (Carbamic acid, ethyl ester; Ethyl carbamate)	51-79-6	182-184	0.36	25	1.107		06/13/02	10/08/13	01/10/13
3110	Valeric acid; (n-Pentanoic acid)	109-52-4	186.4	0.196	25	0.940 @ 20°C	16000	10/11/05	07/09/13	07/09/13
3111	Valinomycin	2001-95-8		0.00001	25			06/13/02	10/08/13	01/16/13
3112	Vanadium	7440-62-2	3407	7.5x10-3	1828	6		09/30/97	07/20/14	07/14/14
3113	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	1750	~0	no temp	3.35		12/30/95	07/23/14	05/20/14
3114	Vanadium sulfate	13566-06-8						12/08/02	07/23/14	07/23/14
3115	Vanadium tetrachloride	7632-51-1	148	7.63	25	1.816 @ 20°C		06/13/02	07/17/14	07/17/14
3116	Vanadium trioxide	1314-34-7				4.87 @ 18°C		08/07/98	07/17/14	07/17/14
3117	Vanadium(II) sulfate heptahydrate	36907-42-3						06/13/02	07/17/14	07/17/14
3118	Vanadium(III) sulfate	13701-70-7						06/13/02	07/17/14	07/17/14
3119	Vanadium, trichlorooxo-	7727-18-6	126.7	19.3	25	1.829		10/11/05	07/17/14	07/17/14
3120	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2						06/13/02	07/17/14	07/17/14
3121	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6						08/07/98	07/17/14	07/17/14
3122	Veratraldehyde	120-14-9	281					10/11/05	10/08/13	12/31/11
3123	Vermiculite, exfoliated	1318-00-9				2.6		04/14/04	04/29/15	04/29/15
3124	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1		5.8	25			07/11/07	04/29/15	12/31/11
3125	**Vinyl acetate**	**108-05-4**	72.8	75	16.2	0.9256	26000	11/30/92	02/09/15	02/09/15
3126	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9						01/04/99	10/08/13	10/08/13
3127	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0						09/30/97	10/08/13	12/31/11
3128	Vinyl bromide; (Bromoethylene)	593-60-2	15.8	750	15.4	1.4933 @ 20°C	90000	09/30/97	10/08/13	07/09/13
3129	**Vinyl chloride**	**75-01-4**	-13.8	750	-14.1	0.9106 @ 20°C	38000	11/30/92	02/26/15	02/26/15
3130	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	35.6	428	20	0.754	17000	06/13/02	03/10/15	12/31/11

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3131	Vinyl fluoride	75-02-5	46.04	ppm	1.88	C2H3F	G	-160.5
3132	Vinyl sulfoxide	1115-15-7	102.16	mg/m^3	4.18	C4.H6.O.S	L	
3133	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	9300	mg/m^3	380.10		S	
3134	**Vinyl trichlorosilane**	**75-94-5**	161.49	ppm	6.60	C2.H3.Cl3.Si	L fum	-95
3135	Vinyl-2-pyrrolidinone, 1-	88-12-0	111.16	ppm	4.54	C6.H9.N.O	L	13.5
3136	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	152.62	mg/m^3	6.24	C9.H9.Cl	L	
3137	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	108.1828	ppm	4.42	C8.H12	L	-101
3138	Vinylformamide, N-	13162-05-5	71.08	mg/m^3	2.91	C3.H5.N.O	L	-16
3139	**Vinylidene chloride; (1,1-Dichloroethylene)**	**75-35-4**	96.94	ppm	3.96	C2H2Cl2	L	-122.56
3140	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	64.04	ppm	2.62	C2.H2.F2	G	-144
3141	Vinylmagnesium bromide	1826-67-1	131.25	mg/m^3	5.36	C2.H3.Br.Mg	L	
3142	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9	50000	mg/m^3	2043.57	(C9.H9.N.O.C4.H6.O2)x	S	
3143	Viscumin; (Mistletoe lectin)	83590-17-4		mg/m^3		[Unspecified]	S	
3144	Volkensin	91933-11-8	584.69	mg/m^3	23.90	C33H44O9	S	
3145	Warfarin	81-81-2	308.35	mg/m^3	12.60	C19H16O4	S	161
3146	Warfarin sodium	129-06-6	330.33	mg/m^3	13.50	C19H15O4.Na	S	159-165
3147	Xenon	7440-63-3	131.29	ppm	5.37	Xe	G	-112
3148	Xylene, m- (inlcudes o- (95-47-6) and p- (106-42-3) isomers)	108-38-3	106.17	ppm	4.34	C8H10	L	-47.8
3149	**Xylenes**	**1330-20-7**	106.17	ppm	4.34	C8H10	L	
3150	Xylenol orange tetrasodium salt	3618-43-7	764.63	mg/m^3	31.25	C31H32N2Na4O13S	S powd	
3151	Xylidine	1300-73-8	121.18	ppm	4.95	C8H11N	L	-36
3152	Xylidine, 2,6-	87-62-7	121.2	ppm	4.95	C8H11N	L	11.2

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3131	Vinyl fluoride	75-02-5	-72	750	-72.2	0.636 @ 21°C (Liquid)	26000	09/30/97	10/08/13	12/31/11
3132	Vinyl sulfoxide	1115-15-7	86 @ 18	1.6	25	1.079 @ 20°C		07/22/08	10/08/13	12/31/11
3133	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	>400			1.036		07/11/07	10/08/13	10/08/13
3134	**Vinyl trichlorosilane**	**75-94-5**	91.5	65.9	25	1.2426 @ 20°C	30000	07/11/07	06/14/09	
3135	Vinyl-2-pyrrolidinone, 1-	88-12-0	193 @ 400 mm	1.04E-11	25	1.04		10/11/05	03/10/15	12/31/11
3136	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	229	1	56.1	1.083		07/11/07	10/08/13	12/31/11
3137	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	126-127	3E+01	38	0.8229	10000	08/17/07	10/08/13	12/31/11
3138	Vinylformamide, N-	13162-05-5	210	0.1	25	1.014		07/11/07	11/19/14	11/19/14
3139	**Vinylidene chloride; (1,1-Dichloroethylene)**	**75-35-4**	31.6	750	31.2	1.213 @ 20°C	65000	12/30/95	10/08/13	12/31/11
3140	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	<-70				55000	06/13/02	10/08/13	01/16/13
3141	Vinylmagnesium bromide	1826-67-1				0.98		07/11/07	10/08/13	12/31/11
3142	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9				1.27		07/11/07	01/16/13	01/16/13
3143	Viscumin; (Mistletoe lectin)	83590-17-4						01/13/15		
3144	Volkensin	91933-11-8						01/16/15		
3145	Warfarin	81-81-2	356	0.00001	25			12/08/02	10/08/13	12/31/11
3146	Warfarin sodium	129-06-6	dec	0.00001	25			12/08/02	01/16/13	01/16/13
3147	Xenon	7440-63-3	-107			3.52 @ 109°C		04/14/04	10/08/13	
3148	Xylene, m- (inlcudes o- (95-47-6) and p- (106-42-3) isomers)	108-38-3	139.07	7.5	23.4	0.8598	11000	08/21/96	09/26/14	09/26/14
3149	**Xylenes**	**1330-20-7**	Grade Dependent	6-16	20	0.86 @ 20°C	9000	08/21/96	02/12/15	02/28/08
3150	Xylenol orange tetrasodium salt	3618-43-7						01/10/01	10/08/13	12/31/11
3151	Xylidine	1300-73-8	213-226			.97-.99 no temp		09/30/97	03/11/15	12/31/11
3152	Xylidine, 2,6-	87-62-7	216	0.125	25	0.98		06/13/02	03/11/15	01/16/13

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3153	Xylidine, o-; (2,3-Xylidine)	87-59-2	121.2	ppm	4.95	C8H11N	L	<-15
3154	Xylylene dichloride	28347-13-9	175.06	mg/m^3	7.15	C8H8Cl2	S	34-37
3155	Ytterbium fluoride	13760-80-0	230.04	mg/m^3	9.40	F3Yb	S	1157
3156	Ytterbium oxide	1314-37-0	394.08	mg/m^3	16.11	Yb2-O3	S	2435
3157	Yttrium	7440-65-5	88.91	mg/m^3	3.63	Y	S	1522
3158	Yttrium chloride, hexahydrate	10025-94-2	303.38	mg/m^3	12.40	Y.Cl3-6(H2.O)	S	
3159	Yttrium oxide	11130-29-3	104.91	mg/m^3	4.29	OY	S	
3160	Yttrium trioxide	1314-36-9	225.82	mg/m^3	9.23	Y2-O3	S	2410
3161	Zeolites, CaA	68989-20-8		mg/m^3			S	
3162	Zeolites, KA	68989-21-9		mg/m^3		KnNa12-n[(AlO2)12(SiO2)12] · xH2O	S	
3163	Zeolites, NaA	68989-22-0		mg/m^3			S	
3164	Zeolites, NaX	68989-23-1		mg/m^3			S	
3165	Zinc	7440-66-6	65.41	mg/m^3	2.67	Zn	S	419.53
3166	Zinc acetate	557-34-6	183.47	mg/m^3	7.50	C4H6O4Zn	S	237
3167	Zinc acetate dihydrate	5970-45-6	219.51	mg/m^3	8.97	Zn.C4.H6.O4.2 H2O	S	237
3168	Zinc bromide	7699-45-8	225.19	mg/m^3	9.20	ZnBr2	S	394
3169	Zinc carbonate	3486-35-9	125.38	mg/m^3	5.12	Zn.CO3	S	
3170	Zinc carbonate hydroxide	5263-02-5	142.4	mg/m^3	5.82	Zn.C.O3.OH		
3171	Zinc chloride	7646-85-7	136.27	mg/m^3	5.57	Cl2Zn	S	290
3172	Zinc chromate; (Pigment yellow)	13530-65-9	181.37	mg/m^3	7.41	CrO4Zn	S	316
3173	Zinc cyanide	557-21-1	117.41	mg/m^3	4.80	(CN)2.Zn	S	800 decom
3174	Zinc fluoride	7783-49-5	103.37	mg/m^3	4.22	F2Zn	S	872

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Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3153	Xylidine, o-; (2,3-Xylidine)	87-59-2	221.5	0.075	25	0.9931 @ 20°C	10000	06/13/02	03/11/15	12/31/11
3154	Xylylene dichloride	28347-13-9	239	0.02	25	1.202		12/08/02	10/08/13	12/31/11
3155	Ytterbium fluoride	13760-80-0	2200					08/07/98	10/08/13	04/27/12
3156	Ytterbium oxide	1314-37-0				9.2		12/08/02	10/08/13	12/31/11
3157	Yttrium	7440-65-5	3345	7.5x10-3	1610.1	4.47		09/30/97	07/30/14	12/31/11
3158	Yttrium chloride, hexahydrate	10025-94-2						10/18/07	07/30/14	01/16/13
3159	Yttrium oxide	11130-29-3						01/04/99	07/09/13	07/09/13
3160	Yttrium trioxide	1314-36-9				4.84		12/08/02	07/30/14	07/09/13
3161	Zeolites, CaA	68989-20-8						04/14/04	09/26/14	09/26/14
3162	Zeolites, KA	68989-21-9						04/14/04	09/26/14	12/31/11
3163	Zeolites, NaA	68989-22-0						04/14/04	09/26/14	09/26/14
3164	Zeolites, NaX	68989-23-1						04/14/04	09/26/14	12/31/11
3165	Zinc	7440-66-6	907	7.5x10-3	337	7.134		12/30/95	08/08/14	01/23/12
3166	Zinc acetate	557-34-6				1.735		08/07/98	08/08/14	08/08/14
3167	Zinc acetate dihydrate	5970-45-6				1.735		04/14/04	08/08/14	08/0/14
3168	Zinc bromide	7699-45-8	697			4.3		06/13/02	08/10/14	08/10/14
3169	Zinc carbonate	3486-35-9				4.4		06/13/02	08/10/14	10/10/13
3170	Zinc carbonate hydroxide	5263-02-5						10/11/05	08/10/14	08/10/14
3171	Zinc chloride	7646-85-7	732	1	428	2.91		08/07/98	08/10/14	08/15/12
3172	Zinc chromate; (Pigment yellow)	13530-65-9				3.4		01/04/99	04/28/15	04/28/15
3173	Zinc cyanide	557-21-1				1.852		06/13/02	08/10/14	07/23/14
3174	Zinc fluoride	7783-49-5	1500	1	970	5.0025		08/07/98	08/10/14	12/31/11

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No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3175	Zinc hydroxide	20427-58-1	99.4	mg/m^3	4.06	H2O2Zn	S	
3176	Zinc nitrate	7779-88-6	189.42	mg/m^3	7.74	N2O6Zn	S	42.5
3177	Zinc nitrate hexahydrate	10196-18-6	297.51	mg/m^3	12.16	H12N2O12Zn	S	36 dec
3178	Zinc nitrite	10102-02-0	157.42	mg/m^3	6.43	N2O4Zn	S	
3179	Zinc oxide	1314-13-2	81.41	mg/m^3	3.33	OZn	S	1974
3180	Zinc perchlorate	13637-61-1	266.291	mg/m^3	10.88	Zn.2(Cl.H.O4)	S	
3181	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2	413.73	mg/m^3	16.91	Zn.C12H12O8S2	S	
3182	Zinc phosphate (3:2)	7779-90-0	386.05	mg/m^3	15.78	Zn3-(P-O4)2	S	900
3183	**Zinc phosphide**	**1314-84-7**	258.1	ppm	10.55	P2Zn3	S	420
3184	Zinc stearate	557-05-1	632.3	mg/m^3	25.84	C36H70O4Zn	S	130
3185	Zinc sulfate	7733-02-0	161.43	mg/m^3	6.60	O4SZn	S	740 dec
3186	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	287.57	mg/m^3	11.75	Zn.S.O4:7H2.O	S	100
3187	Zinc sulfide	1314-98-3	97.43	mg/m^3	3.98	SZn	S	1700
3188	Zirconium	7440-67-7	91.22	mg/m^3	3.73	Zr	S	1854.7
3189	Zirconium boride	12045-64-6	112.84	mg/m^3	4.61	Zr-B2	S	3000
3190	Zirconium carbide	12070-14-3	115.25	mg/m^3	4.71	Zr.C2	S	3400-3540
3191	Zirconium chloride oxide octahydrate	13520-92-8	322.28	mg/m^3	13.17	Cl2H16O9Zr	S	
3192	Zirconium fluoride	7783-64-4	167.22	mg/m^3	6.83	Zr-F4	V	
3193	Zirconium hydride	7704-99-6	93.24	mg/m^3	3.81	Zr.H2	S	
3194	Zirconium hydroxide	14475-63-9	159.254	mg/m^3	6.51	H4O4Zr	S	dec
3195	Zirconium nitrate	13746-89-9	339.26	mg/m^3	13.87	N4O12Zr	S	
3196	Zirconium nitride	25658-42-8	105.2267	mg/m^3	4.30	Zr-N	S	2960

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No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3175	Zinc hydroxide	20427-58-1						12/08/02	08/10/14	01/13/14
3176	Zinc nitrate	7779-88-6				2.065 @ 14°C		12/30/95	08/15/14	08/11/14
3177	Zinc nitrate hexahydrate	10196-18-6				2.067		04/14/04	08/15/14	08/11/14
3178	Zinc nitrite	10102-02-0						04/15/07	08/11/14	08/11/14
3179	Zinc oxide	1314-13-2		~0	no temp	5.6		08/21/96	08/11/14	12/31/11
3180	Zinc perchlorate	13637-61-1						04/15/07	08/13/14	08/13/14
3181	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2						06/13/02	08/13/14	01/19/12
3182	Zinc phosphate (3:2)	7779-90-0				4		04/15/07	08/15/14	08/13/14
3183	**Zinc phosphide**	**1314-84-7**	1100	0.0000001	25	4.55 @ 13°C		04/15/07	02/12/15	02/13/12
3184	Zinc stearate	557-05-1				1.095		08/07/98	08/13/14	01/16/13
3185	Zinc sulfate	7733-02-0				3.74 @ 15°C		01/10/01	08/13/14	01/10/13
3186	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	>500 dec			1.97		04/14/04	08/13/14	08/13/14
3187	Zinc sulfide	1314-98-3	sublime			4.09		02/09/12	08/13/14	08/13/14
3188	Zirconium	7440-67-7	4409	7.5x10-3	2366	6.52		12/30/95	07/30/14	09/19/12
3189	Zirconium boride	12045-64-6						12/08/02	07/31/14	09/19/12
3190	Zirconium carbide	12070-14-3	5100			6.73		04/14/04	07/31/14	12/31/11
3191	Zirconium chloride oxide octahydrate	13520-92-8						01/04/99	07/31/14	09/19/12
3192	Zirconium fluoride	7783-64-4						12/08/02	07/31/14	07/31/14
3193	Zirconium hydride	7704-99-6	> 300 dec			5.6		04/14/04	07/31/14	09/19/12
3194	Zirconium hydroxide	14475-63-9				3.24		12/08/02	07/31/14	12/31/11
3195	Zirconium nitrate	13746-89-9						01/04/99	07/31/14	12/31/11
3196	Zirconium nitride	25658-42-8				7.09		12/08/02	07/31/14	12/31/11

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3197	Zirconium nitrite	z-0088	275.25	mg/m^3	11.25	(NO2)4Zr	S	
3198	Zirconium oxide	1314-23-4	123.22	mg/m^3	5.04	O2Zr	S	
3199	Zirconium oxynitrate hydrate	14985-18-3	250	mg/m^3	10.22	ZrO(NO3)x H2O		
3200	Zirconium phosphide	12037-72-8	153.16752	mg/m^3	6.26	Zr-P2	S	
3201	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8	283.4	mg/m^3	11.58	Zr.K2F6	S	
3202	Zirconium silane	z-0089	147.391	mg/m^3	6.02	Zr-Si2	S	
3203	Zirconium silicate; (Zirconium silicon oxide; Zircon)	10101-52-7	187.3347	mg/m^3	7.66	Zr.H4.O4.Si	S	
3204	Zirconium sulfate tetrahydrate	7446-31-3	355.4	mg/m^3	14.53	Zr.(SO4)2.4H2O	S	410 decom
3205	Zirconium tetrachloride; (zirconium chloride)	10026-11-6	233.02	mg/m^3	9.52	Cl4Zr	S	437 subl.
3206	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	178.12	mg/m^3	7.28	Zr.Cl2.O	S	150
3207	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9	231.24	mg/m^3	9.45	N2O7Zr	S	
3208	Zonyl fsn fluorosurfactant	65545-80-4		mg/m^3		(C2.H4O)x(C.F2)y. .C2.H5.F.O	L	
3209	zzAcrylic latex	z-0090		mg/m^3		[Unknown]	L	
3210	zzAlumination 301	z-0091		mg/m^3		[Unknown]		
3211	zzHydranal coulomat / AG	z-0092		mg/m^3		[Unknown]		
3212	zzHydrocarbon polymer	z-0093		mg/m^3		[Unknown]	S	
3213	zzHydrocount(R), LSC cocktail	z-0094		mg/m^3		[Unknown]		
3214	zzIconol(R)	z-0095		mg/m^3		[Unknown]		
3215	zzMonophase- S	z-0097		mg/m^3		[Unknown]		
3216	zzMornar	z-0098		mg/m^3		[Unknown]		
3217	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphosphate)	z-0099		mg/m^3		Mixture	L?	
3218	zzPropanol (-2) aluminum derivative	z-0101		mg/m^3		[Unknown]		

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3197	Zirconium nitrite	z-0088						12/08/02	07/31/14	07/31/14
3198	Zirconium oxide	1314-23-4						01/10/01	07/31/14	12/31/11
3199	Zirconium oxynitrate hydrate	14985-18-3						01/10/01	07/31/14	12/31/11
3200	Zirconium phosphide	12037-72-8				5.1		12/08/02	07/31/14	07/31/14
3201	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8				3.48		06/13/02	07/31/14	07/31/14
3202	Zirconium silane	z-0089						12/08/02	08/01/14	12/31/11
3203	Zirconium silicate; (Zirconium silicon oxide; Zircon)	10101-52-7						04/14/04	08/01/14	12/31/11
3204	Zirconium sulfate tetrahydrate	7446-31-3				3.22 @ 16°C		06/13/02	08/01/14	09/19/12
3205	Zirconium tetrachloride; (zirconium chloride)	10026-11-6	331	1	190	2.8		01/04/99	07/31/14	12/31/11
3206	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	210			1.91		10/11/05	08/01/14	01/10/13
3207	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9						01/04/99	08/01/14	12/31/11
3208	Zonyl fsn fluorosurfactant	65545-80-4	80			1.06		07/11/07	10/09/13	12/31/11
3209	zzAcrylic latex	z-0090						09/30/97	10/09/13	12/31/11
3210	zzAlumination 301	z-0091						08/07/98	10/09/13	12/31/11
3211	zzHydranal coulomat / AG	z-0092						08/07/98	10/09/13	12/31/11
3212	zzHydrocarbon polymer	z-0093						09/30/97	10/09/13	12/31/11
3213	zzHydrocount(R), LSC cocktail	z-0094						07/09/97	10/09/13	12/31/11
3214	zzIconol(R)	z-0095						07/09/97	10/09/13	12/31/11
3215	zzMonophase- S	z-0097						08/07/98	10/09/13	12/31/11
3216	zzMornar	z-0098						08/07/98	10/09/13	12/31/11
3217	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphosphate)	z-0099						01/10/01	12/05/13	12/05/13
3218	zzPropanol (-2) aluminum derivative	z-0101						08/07/98	10/09/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

No.	Chemical Compound	CAS Number (CASRN)	Molecular Weight (MW)	Units of Original Limits	ppm to mg/m^3	Molecular Formula (MF)	State at 25°C	MP or FP (°C)
3219	zzScintillation cocktail, Ultima Gold XR	z-0102	212.36	mg/m^3	8.68	C16H20 (mixture)	L	-30
3220	zzSicapent	z-0103		mg/m^3		[Unknown]		
3221	zzSynthetic resins	z-0104		mg/m^3		[Unknown]	L	
3222	zzTotal sequestrant reagent #5	z-0105		mg/m^3		Mixture	L	-0.5
3223	zzTrifluoroacetyl)-N,O,O,O-tetrakis((TMS)norepinephrine, N-(	z-0106		mg/m^3		[Unknown]		
3224	zzWaste oil	z-0107		mg/m^3		[Unknown]	L	varies

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 1: Chemicals of Concern and Associated Chemical Information

No.	Chemical Compound	CAS Number (CASRN)	BP (°C) @ 760 mm Hg unless indicated	Vapor Pressure		SG @ 25°C unless indicated	LEL (ppm)	PAC-TEEL Derivation/Review/Revision Dates		
				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3219	zzScintillation cocktail, Ultima Gold XR	z-0102	290-299	2.8		0.96		01/10/01	12/05/13	12/05/13
3220	zzSicapent	z-0103						08/07/98	10/09/13	12/31/11
3221	zzSynthetic resins	z-0104						11/15/96	10/09/13	12/31/11
3222	zzTotal sequestrant reagent #5	z-0105	98			1.0325		01/10/01	15/05/13	12/05/13
3223	zzTrifluoroacetyl)-N,O,O,O-tetrakis((TMS)norepinephrine, N-(	z-0106						12/08/02	12/05/13	12/05/13
3224	zzWaste oil	z-0107	varies	Varies				12/30/95	10/09/13	12/31/11

This table provides physicochemical information obtained from various references. Note that sometimes these values will differ from reference to reference.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.