Table 1: Chemicals of Concern and Associated Chemical Information. PACs Rev. 29, May 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	ppm	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	02/05/16	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	12/11/15	12/11/15
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	11/30/15	11/30/15
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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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	**Agent GB; (Sarin, Isopropyl methanefluoro-phosphonate)**	**107-44-8**	140.09	ppm	5.73	C4H10FO2P	L	-57
39	**Agent GD; (Soman; 3,3-Dimethyl-2-butyl methylphosphonofluoridate)**	**96-64-0**	182.2	ppm	7.45	C7H16FO2P	L	-42
40	**Agent GF; (Methyl cyclohexylfluorophosphonate)**	**329-99-7**	180.18	ppm	7.36	C7H14FO2P		
41	**Agent VX; (Ethyl-S-dimethylaminoethyl methylphosphonothiolate)**	**50782-69-9**	267.41	ppm	10.93	C11H26NO2PS	L?	
42	Alamine 336	68814-95-9		mg/m^3		[Unspecified]	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
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	02/05/16	02/05/16
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	**Agent GB; (Sarin, Isopropyl methanefluoro-phosphonate)**	**107-44-8**	147	2.86	25	1.10 @ 20°C		07/09/97	08/09/12	10/11/05
39	**Agent GD; (Soman; 3,3-Dimethyl-2-butyl methylphosphonofluoridate)**	**96-64-0**	167	0.4	25	1.022 @ 20°C		01/10/01	09/30/13	10/11/05
40	**Agent GF; (Methyl cyclohexylfluorophosphonate)**	**329-99-7**						06/13/02	02/09/15	08/10/07
41	**Agent VX; (Ethyl-S-dimethylaminoethyl methylphosphonothiolate)**	**50782-69-9**						01/04/99	02/13/15	08/16/07
42	Alamine 336	68814-95-9						10/11/05	07/10/13	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)
43	Alcohols, C6-C12 (N.O.S.)	68603-15-6		mg/m^3		Cn.H2n.+1OH	L	
44	Aldicarb; (Carbanolate; Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime, 2-)	116-06-3	190.26	mg/m^3	7.78	C7H14N2O2S	S	99
45	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
46	Aldrithiol-2; (2,2'-Dithiodipyridine)	2127-03-9	220.31	mg/m^3	9.00	C10H8N2S2	S	56-60
47	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4		mg/m^3		[Unknown]		
48	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	240.22	mg/m^3	9.82	C14H8O4	S	289
49	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3	342.26	mg/m^3	13.99	C14.H7.O7.S.Na	S	
50	Alkanes, C4-C12	68333-81-3	114	ppm	4.66	[Unspecified]		
51	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108		mg/m^3		[Unknown]		
52	Alkyl benzenes (C8-C9)	z-0109		mg/m^3		[Unspecified]		
53	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5		mg/m^3		[Unspecified]	S	34.37
54	Alkylamines	63231-48-1		mg/m^3		[Unspecified]		
55	Alkylbenzene (C10-C16)	68648-87-3		mg/m^3		[Unspecified]	S	
56	Alkylbenzyldimethyl ammonium chloride, (C12-C18)	68391-01-5		mg/m^3				
57	Allene; (1,2-Propadiene)	463-49-0	40.06	ppm	1.64	C3H4	G	-136
58	Allyl 2-chloroethyl sulfide	19155-35-2	136.65	mg/m^3	5.59	C5H9ClS		
59	**Allyl alcohol**	**107-18-6**	58.079	ppm	2.37	C3H6O	L	-129
60	Allyl bromide; (3-Bromopropene)	106-95-6	120.99	ppm	4.95	C3.H5.Br	L	-119
61	**Allyl chloride**	**107-05-1**	76.53	ppm	3.13	C3H5Cl	L	-134.5
62	**Allyl chloroformate**	**2937-50-0**	120.54	ppm	4.93	C4.H5.Cl.O2	L	-80
63	Allyl isothiocyanate; (Mustard oil)	57-06-7	99.16	ppm	4.05	C4.H5.N.S.	L	-80

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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
43	Alcohols, C6-C12 (N.O.S.)	68603-15-6						07/09/97	01/20/16	12/31/11
44	Aldicarb; (Carbanolate; Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime, 2-)	116-06-3	> 100 dec	9.75E-05	20	1.195		12/30/95	11/30/15	11/30/15
45	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
46	Aldrithiol-2; (2,2'-Dithiodipyridine)	2127-03-9						04/14/04	03/03/09	12/31/11
47	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4						01/04/99	07/10/13	12/31/11
48	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	430					10/31/92	07/10/13	12/31/11
49	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3						10/31/92	07/10/13	12/31/11
50	Alkanes, C4-C12	68333-81-3						12/08/02	03/06/15	12/31/11
51	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108						09/30/97	02/05/16	12/31/11
52	Alkyl benzenes (C8-C9)	z-0109						01/04/99	03/03/09	12/31/11
53	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5				0.9884 @ 20°C		04/14/04	08/22/12	08/22/12
54	Alkylamines	63231-48-1						07/09/97	08/19/09	12/31/11
55	Alkylbenzene (C10-C16)	68648-87-3						08/07/98	07/10/13	07/10/13
56	Alkylbenzyldimethyl ammonium chloride, (C12-C18)	68391-01-5						01/11/09	07/10/13	12/31/11
57	Allene; (1,2-Propadiene)	463-49-0	-34.5			1.787		12/08/02	03/30/15	03/30/15
58	Allyl 2-chloroethyl sulfide	19155-35-2						05/04/15		
59	**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
60	Allyl bromide; (3-Bromopropene)	106-95-6	71.3			1.3980 @ 20°C		06/13/02	05/19/15	05/19/15
61	**Allyl chloride**	**107-05-1**	45.1	750	44.6	0.9376 @ 20°C	29000	11/30/92	02/13/15	05/16/08
62	**Allyl chloroformate**	**2937-50-0**	109.5	20	25	1.136		10/31/92	02/17/15	12/31/11
63	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

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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)
64	**Allylamine**	**107-11-9**	57.11	ppm	2.33	C3H7N	L	
65	Allylmagnesium bromide	1730-25-2	145.2815	mg/m^3	5.94	C3.H5.Br.Mg	S	
66	**Allyltrichlorosilane**	**107-37-9**	175.52	ppm	7.17	C3.H5.Cl3.Si	S/L	35
67	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
68	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3	152.1494	mg/m^3	6.22	C8.H8.O3	S	119-121
69	Aluminum acetate, basic	7360-44-3	120.04	mg/m^3	4.91	C2.H5.Al.O4	S	
70	Aluminum carbide	1299-86-1	143.9586	mg/m^3	5.88	Al4C3	S	2100
71	Aluminum chloride	7446-70-0	133.33	mg/m^3	5.45	AlCl3	S	192.6
72	Aluminum chloride hexahydrate	7784-13-6	241.45	mg/m^3	9.87	AlCl3H12O6	S	100 dec
73	Aluminum fluoride	7784-18-1	84	mg/m^3	3.43	AlF3	S crystals	2,250 triple pt
74	Aluminum grey LB; (Acid black 60)	12218-95-0	877.85	mg/m^3	35.88	C38.H32.Cr.N8.O19.S2.H	S	
75	Aluminum hexafluorosilicate	17099-70-6	480.23	mg/m^3	19.63	F18.Si3.2Al	S	>500 dec
76	Aluminum hydroxide	21645-51-2	78.004	mg/m^3	3.19	AlH3O3	S	300
77	Aluminum oxide hydrate	1333-84-2	137.99	mg/m^3	5.64	Al.O3.x(H2.O)	S	loses H2O 300C
78	Aluminum oxide; (Alumina)	1344-28-1	101.96	mg/m^3	4.17	Al2O3	S	2054
79	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7	121.95	mg/m^3	4.98	AlO4P	S	>1460
80	**Aluminum phosphide**	**20859-73-8**	57.95	ppm	2.37	AlP	S crystals	2550 triple pt
81	Aluminum potassium sulfate, dodecahydrate	7784-24-9	474.39	mg/m^3	19.39	AlH24KO20S2	S	105
82	Aluminum sulfate	10043-01-3	342.151	mg/m^3	13.98	Al2O12S3	S	1040 dec
83	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	
84	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5	517.3	mg/m^3	21.14	C16H12CrN4NaO9S	S	
85	Aluminum(III) isopropylate	555-31-7	204.28	mg/m^3	8.35	C9.H21.O3.Al	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
64	**Allylamine**	**107-11-9**	65.8-58			0.761	22000	03/01/00	03/03/09	10/11/05
65	Allylmagnesium bromide	1730-25-2						10/31/92	10/17/13	12/31/11
66	**Allyltrichlorosilane**	**107-37-9**	117.5	53	47.5	1.2011 @ 20°C		09/05/08		
67	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
68	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3				1.3		10/11/05	07/10/13	12/31/11
69	Aluminum acetate, basic	7360-44-3						10/11/05	02/26/14	12/31/11
70	Aluminum carbide	1299-86-1	2200 dec			2.36		04/14/04	02/26/14	12/31/11
71	Aluminum chloride	7446-70-0	180 subl	7.5x10-3	58.4	2.48		08/07/98	02/27/14	08/22/12
72	Aluminum chloride hexahydrate	7784-13-6	182.7	1	100	2.44		04/14/04	02/27/14	02/27/14
73	Aluminum fluoride	7784-18-1	1276 subl	1	1238	3.1		09/30/97	02/27/14	12/31/11
74	Aluminum grey LB; (Acid black 60)	12218-95-0						04/14/04	01/18/12	01/18/12
75	Aluminum hexafluorosilicate	17099-70-6						08/17/07	07/10/13	12/31/11
76	Aluminum hydroxide	21645-51-2				2.42		09/30/97	03/04/14	03/04/14
77	Aluminum oxide hydrate	1333-84-2						10/11/05	03/04/14	03/04/14
78	Aluminum oxide; (Alumina)	1344-28-1	2977	7.5	2351	3.99		11/30/92	03/28/16	03/28/16
79	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7				2.56		08/07/98	02/27/14	02/27/14
80	**Aluminum phosphide**	**20859-73-8**				2.4 @ 20°C		12/08/02	02/13/15	02/13/12
81	Aluminum potassium sulfate, dodecahydrate	7784-24-9				1.72		04/14/04	03/10/14	08/31/12
82	Aluminum sulfate	10043-01-3				1.61		07/09/97	02/04/16	08/31/12
83	Aluminum tris(dihydrogen phosphate); (Phosphoric acid, aluminum salt (3:1))	13530-50-2						10/11/05	10/16/13	12/31/11
84	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5						04/14/04	07/12/13	01/18/12
85	Aluminum(III) isopropylate	555-31-7	125 @ 10 mm			1.025 @ 20°C		10/11/05	09/17/15	09/17/15

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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)
86	Aluminum(III) nitrate (1:3)	13473-90-0	212.997	mg/m^3	8.71	AlN3O9	S	dec
87	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	375.19	mg/m^3	15.33	AlH18N3O18	S	73.5
88	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7	162.05	mg/m^3	6.62	Al2O5Si	S crystals	1000 dec
89	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7	303.32	mg/m^3	12.40	C10H9NO6S2	S	274
90	Amino-1-propanol, 3-	156-87-6	75.13	mg/m^3	3.07	C3H9NO	L	12.4
91	Amino-2-methyl-2-propanol, 1-	2854-16-2	89.16	mg/m^3	3.64	C4H11NO	L	
92	Amino-4,6-dinitrotoluene, 2-	35572-78-2	197.17	mg/m^3	8.06	C7H7N3O4	S	
93	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
94	Aminoacetaldehyde dimethyl acetal; (2,2-Dimethoxyethylamine)	22483-09-6	1056.14	mg/m^3	43.17	C4.H11.N.O2	L	
95	Aminoanthraquinone, 2-	117-79-3	223.24	mg/m^3	9.12	C14.H9.N.O2	L	302-306
96	Aminobenzoic acid, p-	150-13-0	137.15	mg/m^3	5.61	C7.H7.N.O2	S	188.5
97	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	205.42	mg/m^3	8.40	C9.H23.N.O2.Si	L	
98	Aminodiphenyl, p-	92-67-1	169.222	mg/m^3	6.92	C12H11N	S	53.5
99	Aminoethoxy)ethanol, 2-(2-	929-06-6	105.16	mg/m^3	4.30	C4.H11.N.O2	L	-12.5
100	Aminoethyl)diphenylborinic acid, o-(2-; (Diphenylboronic acid, ethanolamine ester)	524-95-8	225.12	mg/m^3	9.20	C14H16BNO		
101	Aminoethylethanolamine	111-41-1	104.18	mg/m^3	4.26	C4H12N2O	L	
102	Aminoethylpiperazine, N-	140-31-8	129.203	mg/m^3	5.28	C6H15N3	L	17.6
103	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4	115.25	ppm	4.71	C7H17N		
104	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5	302.2646	mg/m^3	12.35	C4H14N8O6S	S	190
105	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	109.14	mg/m^3	4.46	C6H7NO	S crystals	173
106	Aminophenol, m-	591-27-5	109.14	mg/m^3	4.46	C6H7NO	S	123
107	Aminopropiophenone, 4-	70-69-9	149.21	mg/m^3	6.10	C9H11NO	S	140

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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
86	Aluminum(III) nitrate (1:3)	13473-90-0						09/30/97	03/06/15	02/27/14
87	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	135 dec			1.72		01/04/99	10/01/13	09/04/12
88	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7				3.68		09/30/97	03/06/15	03/05/15
89	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7						08/07/98	04/06/16	04/06/16
90	Amino-1-propanol, 3-	156-87-6	187	2.1	60	0.9824 @ 20°C		10/11/05	07/12/13	12/31/11
91	Amino-2-methyl-2-propanol, 1-	2854-16-2	151			0.929		09/30/97	02/05/16	12/31/11
92	Amino-4,6-dinitrotoluene, 2-	35572-78-2						08/07/98	04/06/16	12/31/11
93	Aminoacetaldehyde diethyl acetal; (2,2-Diethoxyethylamine)	645-36-3	160-163			0.916		10/31/92	10/15/13	10/15/13
94	Aminoacetaldehyde dimethyl acetal; (2,2-Dimethoxyethylamine)	22483-09-6	135-138			0.975		10/31/92	08/19/09	12/31/11
95	Aminoanthraquinone, 2-	117-79-3	subl					06/13/02	07/18/13	08/06/12
96	Aminobenzoic acid, p-	150-13-0		0.00028	25	1.374		10/11/05	07/18/13	09/04/12
97	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	220	0.06	25			12/08/02	07/18/13	08/10/12
98	Aminodiphenyl, p-	92-67-1	302	5.79x10-4	25	1.16 no temp		09/30/97	02/05/16	02/05/16
99	Aminoethoxy)ethanol, 2-(2-	929-06-6	221			1.0572 @ 20°C		08/17/07	07/18/13	12/31/11
100	Aminoethyl)diphenylborinic acid, o-(2-; (Diphenylboronic acid, ethanolamine ester)	524-95-8						10/31/92	07/18/13	12/31/11
101	Aminoethylethanolamine	111-41-1	243.7	<0.01	20	1.0304 @ 20°C	10000	08/17/07	07/18/13	12/31/11
102	Aminoethylpiperazine, N-	140-31-8	220			0.985		07/09/97	10/01/13	07/18/13
103	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4						12/08/02	07/18/13	12/31/11
104	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5				1.61		10/11/05	03/06/09	12/31/11
105	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	153 subl	0.0005	25	1.328		08/07/98	04/06/16	04/06/16
106	Aminophenol, m-	591-27-5	164			1.195		10/11/05	04/06/16	04/06/16
107	Aminopropiophenone, 4-	70-69-9						12/08/02	07/18/13	12/31/11

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108	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	191.39	mg/m^3	7.82	C8H21NO2Si	L	
109	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	221.42	mg/m^3	9.05	C9H23NO3Si	L	
110	Aminopyrazine, 2-	5049-61-6	95	ppm	3.88	C4H5N3		
111	Aminopyridine, 2-	504-29-0	94.13	ppm	3.85	C65H6N2	S	58.1
112	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	94.13	mg/m^3	3.85	C5H6N2	S	158
113	Amiton oxalate	3734-97-2	359.42	mg/m^3	14.69	C12H26NO7PS	S	98-99
114	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	269.38	mg/m^3	11.01	C10H24NO3PS	L	
115	Amitrole	61-82-5	84.08	mg/m^3	3.44	C2H4N4	S	159
116	**Ammonia**	**7664-41-7**	17.031	ppm	0.70	H3N	G	-77.7
117	Ammonia-d3	13550-49-7	20.0487	ppm	0.82	D3N	G	
118	Ammonium acetate	631-61-8	77.1	mg/m^3	3.15	C2H7NO2	S crystals	114
119	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2	195.13	mg/m^3	7.98	AlF6H12N3	S	
120	Ammonium benzoate	1863-63-4	139.17	mg/m^3	5.69	C7H9NO2	S	198 decom
121	Ammonium bicarbonate	1066-33-7	79.1	mg/m^3	3.23	CH5NO3	S	107 dec
122	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6	115.11	mg/m^3	4.70	H5NO4S	S	146.9
123	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	99.11	mg/m^3	4.05	H5NO3S	S	dec
124	Ammonium bromide	12124-97-9	97.96	mg/m^3	4.00	BrH4N	S	452 subl.
125	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	78.09	mg/m^3	3.19	CH6N2O2	S	60 sublms
126	Ammonium carbonate	506-87-6	96.11	mg/m^3	3.93	CH8N2O3	S	58 dec
127	Ammonium chloride	12125-02-9	53.5	mg/m^3	2.19	ClH4N	S	520 dec
128	Ammonium chromate	7788-98-9	152.1	mg/m^3	6.22	CrH8N2O4	S	180 decom
129	Ammonium citrate; (includes dibasic (3458-72-8), and tribasic (3012-65-5)	7632-50-0	226.18	mg/m^3	9.24	C6H8O7 (H3N)x	S crystals	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
108	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	197-199	2.25	55	0.916		10/31/92	10/15/13	12/31/11
109	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	217			0.94 @ 20°C		10/11/05	10/15/13	12/31/11
110	Aminopyrazine, 2-	5049-61-6						12/08/02	05/12/15	11/22/13
111	Aminopyridine, 2-	504-29-0	210.6			1.065 @ 20°C		05/12/15		
112	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	273					06/13/02	09/17/12	09/17/12
113	Amiton oxalate	3734-97-2	110 @ 0.2 mm	0.01	80			12/08/02	07/18/13	09/04/12
114	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
115	Amitrole	61-82-5		4.4x10-7	25	1.138 @ 20°C		12/30/95	07/18/13	12/31/11
116	**Ammonia**	**7664-41-7**	-33.3	750	-33.6	0.696	150000	11/30/92	06/13/14	10/11/05
117	Ammonia-d3	13550-49-7						10/31/92	03/08/12	03/09/09
118	Ammonium acetate	631-61-8				1.073		08/07/98	07/18/13	07/18/13
119	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2				1.78		08/07/98	04/06/16	12/31/11
120	Ammonium benzoate	1863-63-4	160 sublms			1.26		08/21/96	07/18/13	12/31/11
121	Ammonium bicarbonate	1066-33-7		58.9	25.4	1.586		08/07/98	03/28/16	12/05/11
122	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6				1.78		01/10/01	07/18/13	12/31/11
123	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	150 subl			2.03		09/30/97	02/05/16	12/31/11
124	Ammonium bromide	12124-97-9	235 in vacuum	1	198.3	2.429		10/11/05	07/18/13	12/31/11
125	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	60					06/13/02	07/18/13	12/31/11
126	Ammonium carbonate	506-87-6	dec			1.586		08/07/98	04/06/16	12/31/11
127	Ammonium chloride	12125-02-9	338 subl	1	160.4 subl	1.52		08/07/98	03/29/16	03/29/16
128	Ammonium chromate	7788-98-9				1.8		06/13/02	10/30/14	10/30/14
129	Ammonium citrate; (includes dibasic (3458-72-8), and tribasic (3012-65-5)	7632-50-0				1.48		08/07/98	03/29/16	03/29/16

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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)
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
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	

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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
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
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	04/06/16	12/31/11
135	Ammonium formate	540-69-2	180 dec			1.28		08/07/98	04/06/16	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	04/11/16	12/31/11
138	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	240 dec			1.51		08/07/98	04/11/16	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	01/15/16	01/15/16
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	02/05/16	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	03/29/16	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

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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)
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
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	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
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
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	04/11/16	04/11/16
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	02/05/16	02/05/16
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

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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
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 trioxide	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	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
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	04/11/16	12/31/11
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	03/22/16	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	04/11/16	04/11/16
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 trioxide	1309-64-4	1425	7.5x10-3	426.1	5.58		09/30/97	02/05/16	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	02/05/16	12/31/11

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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
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, includes: (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

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
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
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, includes: (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

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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)
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
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	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2	252.32	mg/m^3	10.31	C20.H12	S	168
236	Benzal chloride	98-87-3	161.03	mg/m^3	6.58	C7H6Cl2	L	-17
237	Benzaldehyde	100-52-7	106.13	ppm	4.34	C7H6O	L	-57.1

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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
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
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	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2		0.0000005	20			12/08/02	11/14/14	11/14/14
236	Benzal chloride	98-87-3	205	0.75	31	1.26		12/30/95	07/22/13	12/31/11
237	Benzaldehyde	100-52-7	179	0.127	25	1.041	14000	01/04/99	03/05/15	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)
238	Benzamide	55-21-0	121.15	mg/m^3	4.95	C7.H7.N.O	S	130
239	Benzenamine, sulfate (2:1)	542-16-5	284.3294	mg/m^3	11.62	C12.H16.N2.O4.S	S	
240	**Benzene**	**71-43-2**	78.112	ppm	3.19	C6H6	L	5.49
241	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	171.59	mg/m^3	7.01	C7H6ClNO2	S	71
242	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5	202.05	mg/m^3	8.26	C6H7AsO3	S	158 dec
243	Benzene-d6; (Deuterated benzene)	1076-43-3	84.16	ppm	3.44	C6D6	L	7
244	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	176.62	mg/m^3	7.22	C6H5ClO2S	L	14.5
245	Benzenesulfonic acid, 4-chloro	98-66-8	192.62	mg/m^3	7.87	C6H5ClO3S	S	67
246	Benzenesulfonic acid, 5-chloro-2	z-0114	192.62	mg/m^3	7.87	C6.H5.Cl.O3.S	S	
247	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	218.12	mg/m^3	8.91	C1.0.H2.O6	S	285.3
248	Benzidine	92-87-5	184.24	mg/m^3	7.53	C12H12N2	S	127
249	Benzo(a)anthracene	56-55-3	228.29	mg/m^3	9.33	C18H12	S plates	160.5
250	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	252.309	mg/m^3	10.31	C20H12	S	181.1
251	Benzo(ghi)perylene	191-24-2	276.34	mg/m^3	11.29	C22H12	S	277
252	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]		
253	Benzoic acid	65-85-0	122.13	mg/m^3	4.99	C7H6O2	S	122
254	Benzoic acid, sodium salt	532-32-1	144.11	mg/m^3	5.89	C7.H5.O2.Na	S	
255	Benzoin oxime	441-38-3	227.28	mg/m^3	9.29	C14.H13.N.O2		
256	**Benzonitrile**	**100-47-0**	103.13	ppm	4.22	C7H5N	L	-12.8
257	Benzophenone	119-61-9	182.23	mg/m^3	7.45	C13H10O	S	49
258	Benzoquinone, p-; (Quinone)	106-51-4	108.1	ppm	4.42	C6H4O2	S	115
259	Benzothiazole	95-16-9	135.19	mg/m^3	5.53	C7.H5.N.S	L	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
238	Benzamide	55-21-0	288	0.000165		1.341		06/13/02	07/22/13	12/31/11
239	Benzenamine, sulfate (2:1)	542-16-5				1.38	13000	10/11/05	07/22/13	12/31/11
240	**Benzene**	**71-43-2**	80.09	75	20	0.8765 @ 20°C	14000	11/30/92	02/13/15	
241	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	230	0.05	25			06/13/02	07/22/13	09/05/12
242	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5				1.76		08/07/98	01/27/14	10/08/12
243	Benzene-d6; (Deuterated benzene)	1076-43-3	79			0.95	14000	04/14/04	07/22/13	12/31/11
244	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
245	Benzenesulfonic acid, 4-chloro	98-66-8						08/17/07	07/22/13	12/31/11
246	Benzenesulfonic acid, 5-chloro-2	z-0114						08/17/07	07/22/13	02/07/12
247	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	397-400	4.80E-06	25	1.68		10/11/05	07/22/13	06/05/13
248	Benzidine	92-87-5	401			1.25 @ 20°C		12/30/95	09/08/14	09/08/14
249	Benzo(a)anthracene	56-55-3	437.6	5x10-9 torr	20			09/30/97	02/05/16	02/05/16
250	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	310-312 @ 10mmHg	5.49x10-9	25	1.351		10/31/92	02/11/16	07/22/13
251	Benzo(ghi)perylene	191-24-2	550	1.00E-09	25			01/04/99	07/22/13	12/31/11
252	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
253	Benzoic acid	65-85-0	249	7x10-4	25	1.316 @ 15°C		08/07/98	04/14/16	04/11/16
254	Benzoic acid, sodium salt	532-32-1						10/11/05	04/11/16	04/11/16
255	Benzoin oxime	441-38-3						10/11/05	07/24/13	12/31/11
256	**Benzonitrile**	**100-47-0**	191	0.768	25	1.01 @ 15°C		01/04/99	03/06/15	02/09/15
257	Benzophenone	119-61-9	305.4	1	108.2	1.1		04/14/04	02/01/08	12/31/11
258	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
259	Benzothiazole	95-16-9	231			1.238		07/11/07	07/24/13	12/31/11

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260	Benzotriazole	95-14-7	119.14	mg/m^3	4.87	C6.H5.N3	S	100
261	Benzotrifluoride	98-08-8	146.12	mg/m^3	5.97	C7H5F3	L	-28.95
262	**Benzoyl chloride**	**98-88-4**	140.57	ppm	5.75	C7.H5.ClO	L	-0.5
263	Benzoyl peroxide	94-36-0	242.24	mg/m^3	9.90	C14H10O4	S	105
264	Benzyl acetate	140-11-4	150.19	ppm	6.14	C9.H10.O2	L	-51
265	Benzyl alcohol	100-51-6	108.138	ppm	4.42	C7H8O	L	-15.4
266	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7	225.28	mg/m^3	9.21	C12.H11.N5	S	232.8
267	Benzyl benzoate	120-51-4	212.26	mg/m^3	8.68	C14.H12.O2	L	21
268	**Benzyl chloride**	**100-44-7**	126.584	ppm	5.17	C7H7Cl	L	-45
269	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	170.6	ppm	6.97	C8.H7.Cl.O2	L	
270	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	117.16	mg/m^3	4.79	C8.H7.N	L	-23.8
271	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	195.47	mg/m^3	7.99	C7H5Cl3	L	-4.42
272	Benzylamine	100-46-9	107.2	mg/m^3	4.38	C7.H9.N	L	
273	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	135.23	mg/m^3	5.53	C9.H13.N	L	-75
274	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	424.23	mg/m^3	17.34	C27H50ClN	S	
275	Benzylmagnesium chloride	6921-34-2	150.8903	mg/m^3	6.17	C7.H7.Cl.Mg	S in soln	
276	**Beryllium**	**7440-41-7**	9.01	mg/m^3	0.37	Be	S	1287
277	Beryllium chloride	7787-47-5	79.91	mg/m^3	3.27	BeCl2	S crystals	415
278	Beryllium fluoride	7787-49-7	47.01	mg/m^3	1.92	BeF2	S crystals	552
279	Beryllium hydroxide	13327-32-7	43.03	mg/m^3	1.76	BeH2O2	S crystals	138-200 dec
280	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
260	Benzotriazole	95-14-7	204 @ 15mm					10/11/05	07/24/13	01/16/12
261	Benzotrifluoride	98-08-8	102.1	38.83	25	1.189 @ 20°C		06/13/02	03/06/15	12/31/11
262	**Benzoyl chloride**	**98-88-4**	197	1	32.1	1.22 @ 15°C	11000	06/13/02	03/06/15	
263	Benzoyl peroxide	94-36-0	dec expls			1.334		08/07/98	03/29/16	12/06/11
264	Benzyl acetate	140-11-4	213	0.177	25	1.05		07/11/07	07/24/13	05/24/12
265	Benzyl alcohol	100-51-6	205.31	7.5x10-3	28	1.0419 @ 24°C		09/30/97	03/06/15	09/06/12
266	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7						07/11/07	07/24/13	05/24/12
267	Benzyl benzoate	120-51-4	324	0.00022	25	1.116		10/11/05	07/24/13	12/31/11
268	**Benzyl chloride**	**100-44-7**	179	0.75	17.7	1.1004 @ 20°C	11000	12/30/95	03/06/15	
269	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	152	7	85-87	1.2166 @ 20°C		07/11/07	02/17/15	12/31/11
270	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	233.5	1	60	1.0214 @ 15°C		06/13/02	07/24/13	12/31/11
271	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	221	0.4137	25	1.3723 @ 20°C		12/30/95	07/24/13	12/31/11
272	Benzylamine	100-46-9	185	0.653	25	0.983 @ 19°C		10/11/05	07/24/13	12/31/11
273	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	181			0.915 @ 10°C		10/11/05	07/24/13	07/24/13
274	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	120 dec					01/04/99	07/24/13	12/31/11
275	Benzylmagnesium chloride	6921-34-2				0.794		07/11/07	10/09/13	12/31/11
276	**Beryllium**	**7440-41-7**	2471	10	1860	1.85		10/31/92	04/08/14	12/07/11
277	Beryllium chloride	7787-47-5	482	1	291	1.9		06/13/02	02/04/14	02/04/14
278	Beryllium fluoride	7787-49-7	1283			2.1 @ 20°C		06/13/02	02/04/14	02/04/14
279	Beryllium hydroxide	13327-32-7				1.92		07/09/97	02/04/14	12/07/11
280	Beryllium nitrate	13597-99-4	142 dec			1.56 @ 20°C		07/09/97	02/04/14	12/07/11

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281	Beryllium oxide	1304-56-9	25.01	mg/m^3	1.02	BeO	S crystals	2578
282	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	
283	Bioxirane, 2,2'-; (1,2:3,4-Diepoxybutane)	1464-53-5	86.1	ppm	3.52	C4.H6.O2	L	19
284	**Biphenyl: (Diphenyl)**	**92-52-4**	154.21	ppm	6.30	C12H10	S	68.93
285	Biphenylol, 4-	92-69-3	170.22	mg/m^3	6.96	C12.H10.O	S	164-165
286	Biphenylol, sodium salt, 2-	132-27-4	192.2	mg/m^3	7.86	C12H9NaO	S	
287	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	162.27	mg/m^3	6.63	C12H18	L	-17
288	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	162.3	mg/m^3	6.63	C12H18	L	
289	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	202.28	mg/m^3	8.27	C1.0.H18.O4	L	
290	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	218.38	ppm	8.93	C12.H26.O3	L	-62
291	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8	263.26	mg/m^3	10.76	C8H16Cl2OS2	L?	
292	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
293	**Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)**	**505-60-2**	159.08	ppm	6.50	C4H8Cl2S	L	13-14
294	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8	219.2	mg/m^3	8.96	C6.H12.Cl2.S2		
295	Bis(2-chloroethylthio)methane	63869-13-6	205.16	mg/m^3	8.39	C5.H10.Cl2.S2		
296	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7	247.24	mg/m^3	10.11	C8.H16.Cl2.S2		
297	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8	261.27	mg/m^3	10.68	C9.H18.Cl2.S2		
298	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2	233.21	mg/m^3	9.53	C7.H14.Cl2.S2		
299	Bis(2-chloroethylthiomethyl)ether	63918-90-1	235.19	mg/m^3	9.61	C6.H12.Cl2.O.S2		
300	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	162.26	mg/m^3	6.63	C8H18O3	L	-44
301	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	322.48	mg/m^3	13.18	C16H35O4P	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
281	Beryllium oxide	1304-56-9	~3900			3.01		06/13/02	02/04/14	02/14/12
282	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
283	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
284	**Biphenyl: (Diphenyl)**	**92-52-4**	256.1	0.75	69	1.04 @ 20°C	6000	12/30/95	02/13/15	12/31/11
285	Biphenylol, 4-	92-69-3	305-308			1.27		10/11/05	07/24/13	05/24/12
286	Biphenylol, sodium salt, 2-	132-27-4						03/01/00	07/24/13	07/24/13
287	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
288	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
289	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	266			1.049		10/11/05	07/24/13	12/31/11
290	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
291	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8						01/04/99	12/11/15	12/11/15
292	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
293	**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
294	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8						10/11/05	01/15/14	01/15/14
295	Bis(2-chloroethylthio)methane	63869-13-6						10/11/05	01/15/14	01/15/14
296	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7						10/11/05	01/15/14	01/15/14
297	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8						10/11/05	01/15/14	01/15/14
298	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2						10/11/05	01/15/14	01/15/14
299	Bis(2-chloroethylthiomethyl)ether	63918-90-1						10/11/05	01/15/14	01/15/14
300	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
301	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	155.015			0.97525		08/07/98	03/29/16	12/06/11

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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)
302	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1	398.58	mg/m^3	16.29	C22.H39.O4.P	S	
303	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1	287.5	ppm	11.75	C16H33NO3	S	36.7
304	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
305	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
306	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	126.97	mg/m^3	5.19	C3.H4.Cl2O	S	45
307	Bis(chloromethyl)oxetane, 3,3-	78-71-7	155.03	mg/m^3	6.34	C5.H8.Cl2O	L	18.7
308	Bis(dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2	265.39	mg/m^3	10.85	C17.H19.N3	S	180-181
309	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	214.11	mg/m^3	8.75	C8.H4.O6	L	
310	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
311	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3		mg/m^3		[Unknown]	S	
312	Bisbutenylenetetrahydrofurfural; (2,3,4,5-Bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	204.29	mg/m^3	8.35	C13H16O2	L	-80
313	Bismuth	7440-69-9	208.98	mg/m^3	8.54	Bi	S	271.3
314	Bismuth acetate	22306-37-2	386.111	mg/m^3	15.78	Bi.C6.H9.O6	S	250
315	Bismuth germanate	12233-73-7	297.59	mg/m^3	12.16	BiGeO		
316	Bismuth hydroxide	10361-43-0	260	mg/m^3	10.63	BiH3O3	S	
317	Bismuth iodide	7787-64-6	589.6939	mg/m^3	24.10	Bi.I3	S	408
318	Bismuth nitrate	10361-44-1	395.01	mg/m^3	16.14	BiN3O9	S	30
319	Bismuth oxide	1304-76-3	465.96	mg/m^3	19.04	Bi2O3	S	825
320	Bismuth oxychloride; (Bismuth chloride oxide)	7787-59-9	260.43	mg/m^3	10.64	BiClO	S	
321	Bismuth(III) nitrate, pentahydrate	10035-06-0	485.0711	mg/m^3	19.83	Bi.H10.N3.O14	S	75
322	Bisphenol A diglycidyl ether	1675-54-3	340.45	mg/m^3	13.91	C21H24O4	L	12-Aug
323	Bisphenol A; (4,4'-Isopropylidenediphenol)	80-05-7	228.29	mg/m^3	9.33	C15H16O2	S	153

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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
302	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1						10/11/05	07/24/13	12/31/11
303	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1						12/08/02	07/24/13	12/31/11
304	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0						07/09/97	01/20/16	01/20/16
305	Bis(3-tert-butyl-4-hydroxy-6-methylphenyl) sulfide; (4,4'-Thiobis(6-tert-butyl-m-cresol))	96-69-5				1.1		12/08/02	07/24/13	03/16/11
306	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	173			1.3826 @ 46°C		12/08/02	07/24/13	12/31/11
307	Bis(chloromethyl)oxetane, 3,3-	78-71-7	200	0.5	25	1.4		12/08/02	12/02/13	12/02/13
308	Bis(dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2						10/11/05	07/24/13	07/18/12
309	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	116			1.378		10/11/05	07/24/13	12/31/11
310	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5						10/11/05	07/24/13	12/31/11
311	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3						10/11/05	07/24/13	12/31/11
312	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
313	Bismuth	7440-69-9	1564	78	1266	9.8		01/04/99	07/24/13	12/06/11
314	Bismuth acetate	22306-37-2						10/11/05	07/24/13	12/31/11
315	Bismuth germanate	12233-73-7						08/07/98	03/30/15	03/30/15
316	Bismuth hydroxide	10361-43-0						12/08/02	10/15/13	07/24/13
317	Bismuth iodide	7787-64-6	ca. 500			5.778		10/11/05	10/10/13	12/31/11
318	Bismuth nitrate	10361-44-1	80 dec			2.83		08/07/98	04/01/16	12/06/11
319	Bismuth oxide	1304-76-3	1890			8.9		01/04/99	07/24/13	12/31/11
320	Bismuth oxychloride; (Bismuth chloride oxide)	7787-59-9	dec			7.7 @ 20°C		12/08/02	07/24/13	12/31/11
321	Bismuth(III) nitrate, pentahydrate	10035-06-0				2.83		10/11/05	07/24/13	07/24/13
322	Bisphenol A diglycidyl ether	1675-54-3		1.1x10-7	25	1.16 @ 20°C		03/01/00	05/31/13	05/31/13
323	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

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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)
324	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9	192.26	mg/m^3	7.86	C8.H4.N2.S2	S	132
325	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110	1149.516	mg/m^3	46.98	C72.H92.O12	S	80
326	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
327	Borane-tetrahydrofuran	14044-65-6	85.93	mg/m^3	3.51	C4H11BO	L	
328	Borate	14213-97-9	58.81	mg/m^3	2.40	B.O3	S	
329	Boric acid	10043-35-3	61.84	mg/m^3	2.53	B.H3.O3	S	170.9
330	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	230.2	ppm	9.41	C12.H27.B.O3	L	<-70
331	Boron	7440-42-8	10.81	mg/m^3	0.44	B	S	2075
332	Boron carbide	12069-32-8	55.26	mg/m^3	2.26	B4.C	S	2350
333	Boron oxide	1303-86-2	69.62	mg/m^3	2.85	B2O3	S	450
334	**Boron tribromide**	**10294-33-4**	250.54	ppm	10.24	BBr3	L	-46
335	Boron trichloride	10294-34-5	117.16	ppm	4.79	BCl3	L	-107
336	**Boron trifluoride**	**7637-07-2**	67.81	mg/m^3	2.77	BF3	G	-126.8
337	Boron trifluoride dihydrate	13319-75-0	103.85	mg/m^3	4.24	B.F3. 2(H2.O)	L	
338	Boron trifluoride etherate	109-63-7	141.93	mg/m^3	5.80	C4H10BF3O	L	-60.4
339	Boron trifluoride-dimethyl ether	353-42-4	113.89	mg/m^3	4.65	C2H6BF3O	L	-14
340	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	
341	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	9002-92-0		mg/m^3		(C2.H4.O)n.C12.H26.O	L	40-42
342	Brilliant blue; (Acid blue 9)	2650-18-2	783.01	mg/m^3	32.00	C37.H36.N2.O9.S3-2(N.H3)	S	
343	Bromadiolone	28772-56-7	527.11	mg/m^3	21.54	C30.H23.Br.O4	S	200-210
344	**Bromine**	**7726-95-6**	159.81	ppm	6.53	Br2	L	-7.2
345	**Bromine chloride**	**13863-41-7**	115.36	ppm	4.71	BrCl	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
324	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9						12/08/02	09/13/12	09/13/12
325	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110						12/08/02	07/25/13	12/31/11
326	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
327	Borane-tetrahydrofuran	14044-65-6	> 69			0.898		04/14/04	11/18/13	11/18/13
328	Borate	14213-97-9						07/11/07	10/14/13	12/31/11
329	Boric acid	10043-35-3		1.6x10-6	25	1.435		12/30/95	05/30/13	05/30/13
330	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
331	Boron	7440-42-8	4000	0.0119	2140	2.45		09/30/97	02/09/013	02/09/13
332	Boron carbide	12069-32-8	> 3500			2.5		12/30/95	02/09/13	02/09/13
333	Boron oxide	1303-86-2	1500			2.46		08/07/98	04/01/16	12/06/11
334	**Boron tribromide**	**10294-33-4**	91.3	40	14	2.650 @ 0°C		03/01/00	02/2/15	09/26/14
335	Boron trichloride	10294-34-5	12.5	1250	27	1.373 @ 0°C		01/04/99	10/10/13	03/06/12
336	**Boron trifluoride**	**7637-07-2**	-100	36560	-13.2	2.99		08/07/98	02/12/15	01/26/12
337	Boron trifluoride dihydrate	13319-75-0				1.6316		07/22/10	04/27/16	04/27/16
338	Boron trifluoride etherate	109-63-7	126			1.125 @ 20°C		04/14/04	02/10/14	02/10/14
339	Boron trifluoride-dimethyl ether	353-42-4	126-127	20	25	1.239		03/01/00	10/20/15	10/20/15
340	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
341	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	9002-92-0				1.02 @ 20°C		07/11/07	07/25/13	01/17/12
342	Brilliant blue; (Acid blue 9)	2650-18-2						10/11/05	07/25/13	01/18/12
343	Bromadiolone	28772-56-7						12/08/02	07/25/13	01/18/12
344	**Bromine**	**7726-95-6**	58.8	75	2.5	3.1028		11/30/92	02/12/15	
345	**Bromine chloride**	**13863-41-7**						12/08/02	02/13/15	09/25/14

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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)
346	**Bromine pentafluoride**	**7789-30-2**	174.91	ppm	7.15	Br.F5	L fuming	-60.5
347	**Bromine trifluoride**	**7787-71-5**	136.91	ppm	5.60	BrF3	L	8.8
348	Bromo acetic acid, methyl ester	96-32-2	152.99	mg/m^3	6.25	C3.H5.Br.O2	L	
349	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
350	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
351	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
352	Bromo-3-methylbutane, 1-	107-82-4	151.05	ppm	6.17	C5.H11.Br	L	-112
353	Bromoacetaldehyde diethyl acetal	2032-35-1	197.07	mg/m^3	8.05	C6.H13.Br.O2	S	
354	Bromoacetic acid	79-08-3	138.96	mg/m^3	5.68	C2.H3.O2.Br	S hygr	50
355	**Bromoacetone**	**598-31-2**	136.98	ppm	5.60	C3H5BrO	L	-36.5
356	Bromoanisole, 3-; (1-Bromo-3-methoxybenzene)	2398-37-0	187.03	mg/m^3	7.64	C7.H7.Br. O	S	
357	Bromobenzene; (Phenyl bromide)	108-86-1	157.01	ppm	6.42	C6H5Br	L	-30.72
358	Bromochlorobenzene, m-	108-37-2	191.45	mg/m^3	7.82	C6H4BrCl	L	-21.5
359	Bromochlorobenzene, p-	106-39-8	191.45	mg/m^3	7.82	C6H4BrCl		68
360	Bromochloromethane	74-97-5	129.39	ppm	5.29	CH2BrCl	L	-88
361	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
362	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
363	Bromocyclohexanol, cis-2-	16536-57-5	179.0563	ppm	7.32	C6.H11.Br.O		
364	Bromodecane, 1-	112-29-8	221.22	ppm	9.04	C10.H21.Br	L	-29.2
365	Bromodichloromethane	75-27-4	163.83	mg/m^3	6.70	CHBrCl2	L	-57.1
366	Bromododecane, 1-	143-15-7	249.23	mg/m^3	10.19	C12.H25.Br	L	-11 to -9
367	Bromoethane; (Ethyl bromide)	74-96-4	108.98	ppm	4.45	C2.H5.Br	L	-119

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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
346	**Bromine pentafluoride**	**7789-30-2**	40.5	328	20	2.466		12/08/02	02/12/15	11/17/14
347	**Bromine trifluoride**	**7787-71-5**	127	18	39	2.84		06/13/02	02/12/15	
348	Bromo acetic acid, methyl ester	96-32-2	145			1.616		10/11/05	07/25/13	12/31/11
349	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
350	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	04/04/16	12/06/11
351	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
352	Bromo-3-methylbutane, 1-	107-82-4	120-121			1.207		07/11/07	07/25/13	12/31/11
353	Bromoacetaldehyde diethyl acetal	2032-35-1	170-172			1.31		07/11/07	10/15/13	10/15/13
354	Bromoacetic acid	79-08-3	208					07/11/07	07/25/13	12/31/11
355	**Bromoacetone**	**598-31-2**	138	9	20	1.634 @ 23°C		10/31/92	02/12/15	01/21/10
356	Bromoanisole, 3-; (1-Bromo-3-methoxybenzene)	2398-37-0	211			1.49		07/11/07	07/25/13	12/31/11
357	Bromobenzene; (Phenyl bromide)	108-86-1	156.06	7.5	34.9	1.495 @ 20°C		09/30/97	02/24/16	02/24/16
358	Bromochlorobenzene, m-	108-37-2	196			1.6302 @ 20°C		09/30/97	08/21/14	08/21/14
359	Bromochlorobenzene, p-	106-39-8	196			1.576 @ 71°C		08/07/98	08/21/14	08/21/14
360	Bromochloromethane	74-97-5	67.8	142	25	1.93 @ 20°C		01/04/99	03/06/15	09/13/12
361	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
362	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
363	Bromocyclohexanol, cis-2-	16536-57-5				1.4604 @ 20°C		12/08/02	12/03/12	12/03/12
364	Bromodecane, 1-	112-29-8	240.6			1.0702 @ 20°C		07/11/07	07/25/13	12/31/11
365	Bromodichloromethane	75-27-4	88.5	50	20	1.98 @ 20°C		01/04/99	07/25/13	12/31/11
366	Bromododecane, 1-	143-15-7	145 @ 15			1.038		07/11/07	10/09/13	10/09/13
367	Bromoethane; (Ethyl bromide)	74-96-4	38.4	400	21	1.451 @ 20°C	68000	10/11/05	03/06/15	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)
368	Bromoethanol, 2-; (Ethylene bromohydrin)	540-51-2	124.98	mg/m^3	5.11	C2.H5.Br.O	L	
369	Bromoethylmagnesium	925-90-6	133.27	mg/m^3	5.45	C.H3.C.H2.Mg.Br	S	
370	Bromofluorobenzene, 4-; (p-Fluorobromobenzene)	460-00-4	175.01	mg/m^3	7.15	C6.H4.Br.F	L	-17.4
371	Bromoform; (Tribromomethane)	75-25-2	252.73	ppm	10.33	CHBr3	L	8.69
372	Bromohexane; (n-Hexyl bromide)	111-25-1	165.1	ppm	6.75	C6.H13.Br	L	-84.7
373	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	199.087	mg/m^3	8.14	C9.H11.Br	L	-1
374	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	167	mg/m^3	6.83	C4.H7.Br.O2	L	
375	Bromonaphthalene	90-11-9	207.08	mg/m^3	8.46	C10H7Br	L	6.1
376	Bromonitromethane	563-70-2	139.95	mg/m^3	5.72	Br.C.H2.N.O2	L	
377	Bromooctane , 1-; (Octyl bromide)	111-83-1	193.16	ppm	7.89	C8.H17.Br	L	-55
378	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
379	Bromophenyl phenyl ether, 4-	101-55-3	249.11	mg/m^3	10.18	C12.H9.Br.O	L	18.72
380	Bromopropane, 1-	106-94-5	123.01	ppm	5.03	C3H7Br	L	-110
381	Bromopropane, 2-	75-26-3	122.98	ppm	5.03	C3.H7.Br	L	-89
382	Bromopyrene, 3-	1714-29-0	281.1511	mg/m^3	11.49	C16.H9.Br	S	
383	Bromosuccinimide, N-	128-08-5	178	mg/m^3	7.28	C4.H4.Br.N.O2	S	174
384	Bromothymol blue; (Dibromothymolsulfonphthalein)	76-59-5	624.43	mg/m^3	25.52	C27.H28.Br2.O5.S	S	201
385	Bromotoluene, A-; (Benzyl bromide)	100-39-0	171.05	mg/m^3	6.99	C7.H7.Br	L	3
386	Bromotrichloromethane	75-62-7	198.27	ppm	8.10	Br.C.Cl3	L	-5.8
387	Bromotrifluoroethylene	598-73-2	160.94	ppm	6.58	C2BrF3	G	
388	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	148.91	ppm	6.09	BrCF3	G	-172
389	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	153.09	mg/m^3	6.26	(C.H3)3.Si.Br	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
368	Bromoethanol, 2-; (Ethylene bromohydrin)	540-51-2	150			1.7629 @ 20°C		07/11/07	07/25/13	12/31/11
369	Bromoethylmagnesium	925-90-6				1.02		07/11/07	10/09/13	12/31/11
370	Bromofluorobenzene, 4-; (p-Fluorobromobenzene)	460-00-4	151.5			1.593 @ 15°C		07/11/07	07/25/13	12/31/11
371	Bromoform; (Tribromomethane)	75-25-2	149.1	7.5	30.5	2.8788		12/30/95	07/20/14	07/20/14
372	Bromohexane; (n-Hexyl bromide)	111-25-1	155.3			1.1744 @ 20°C		07/11/07	07/25/13	12/31/11
373	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	225			1.301		07/11/07	07/25/13	12/31/11
374	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	80-82 @ 27 mm			1.613		07/11/07	10/09/13	12/31/11
375	Bromonaphthalene	90-11-9	281			1.48 @ 20°C		08/07/98	04/04/16	12/06/11
376	Bromonitromethane	563-70-2	146-148			2.007		07/11/07	11/14/14	12/31/11
377	Bromooctane , 1-; (Octyl bromide)	111-83-1	201.5			1.11		07/11/07	07/25/13	12/31/11
378	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
379	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
380	Bromopropane, 1-	106-94-5	71	110.8	18	1.35 @ 20°C	46000	01/04/99	04/09/14	04/09/14
381	Bromopropane, 2-	75-26-3	59.35	216	25	1.31 @ 20°C		10/11/05	07/25/13	12/31/11
382	Bromopyrene, 3-	1714-29-0						10/11/05	07/25/13	12/31/11
383	Bromosuccinimide, N-	128-08-5				2.098		10/11/05	07/25/13	12/31/11
384	Bromothymol blue; (Dibromothymolsulfonphthalein)	76-59-5						10/11/05	07/25/13	12/31/11
385	Bromotoluene, A-; (Benzyl bromide)	100-39-0	201	0.45	25	1.738		10/11/05	07/25/13	12/31/11
386	Bromotrichloromethane	75-62-7	104.2	39	25	2.012		10/11/05	07/25/13	12/31/11
387	Bromotrifluoroethylene	598-73-2	-2.5					06/13/02	07/25/13	09/13/12
388	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	-57.8	750	-58.1	1.58 @ 20°C		11/30/92	03/28/16	03/28/16
389	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	79			1.16		07/11/07	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)
390	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	394.46	mg/m^3	16.12	C23H26N2O4	S	178
391	**Butadiene, 1,3-**	**106-99-0**	54.09	ppm	2.21	C4H6	G	-108.91
392	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
393	**Butane**	**106-97-8**	58.14	ppm	2.38	C4H10	G	-138.3
394	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	174.22	ppm	7.12	C.8.H14.O4	L	-21
395	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	146.16	ppm	5.97	C6.H10.O4	L	19.5
396	Butanediol dinitrate, 1,4-	3457-91-8	180	ppm	7.36	C4H8N2O6	L	
397	Butanediol, 1,3-	107-88-0	90.18	mg/m^3	3.69	C4H10O2	L	-77
398	Butanediol, 1,4-; (1,4-Tetramethylene glycol)	110-63-4	90.14	mg/m^3	3.68	C4H10O2	L	16
399	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
400	Butanenitrile; (Butyronitrile)	109-74-0	69.12	ppm	2.83	C4.H7.N	L	-112.6
401	Butanephosphonic acid	3321-64-0	138.1	mg/m^3	5.64	C4.H11.O3.P		
402	Butanethiol; (n-Butyl mercaptan)	109-79-5	90.19	ppm	3.69	C4H10S	L	-115.7
403	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	144.24	ppm	5.90	C8.H16.O2	L	
404	Butanol, aluminum salt, 2-	2269-22-9	246.322	mg/m^3	10.07	C12.H27.Al.O3	L	
405	Butanol-d10, n-	34193-38-9	84.18	ppm	3.44	C.D3.(C.D2)2.C.D2.O.D	L	-90
406	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	87.14	ppm	3.56	C4H9NO	L	-29.5
407	**Butanone, 2-; (Methyl ethyl ketone; MEK)**	**78-93-3**	72.11	ppm	2.95	C4H8O	L	-86.64
408	Butene, 1-; (Butylene)	106-98-9	56.11	ppm	2.29	C4H8	G	-185.3
409	Butene, 2-	107-01-7	56.11	ppm	2.29	C4H8	G	
410	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	56.11	ppm	2.29	C4H8	G	-138.9
411	Butene, trans-2-; (trans-1,2-Dimethylethylene)	624-64-6	56.11	ppm	2.29	C4H8	G	-105.5

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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
390	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	470					12/30/95	07/25/13	12/31/11
391	**Butadiene, 1,3-**	**106-99-0**	-4.41	750	-4.7	0.6149	20000	11/30/92	02/13/15	11/13/06
392	Butanaminium, N,N,N-tributyl-1-, bromide; (Tetrabutylammonium bromide)	1643-19-2						10/11/05	07/25/13	12/31/11
393	**Butane**	**106-97-8**		1820	25	0.599	19000	01/04/99	02/26/15	02/26/15
394	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	217.7					12/08/02	03/06/15	12/31/11
395	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
396	Butanediol dinitrate, 1,4-	3457-91-8						12/08/02	04/30/15	04/30/15
397	Butanediol, 1,3-	107-88-0	207.5	0.06	20	1.006 @ 20°C		10/11/05	08/22/14	08/22/14
398	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
399	Butanedione, 2,3-; (Diacetyl)	431-03-8	88	56.8	25	0.990 @ 15°C		07/11/07	08/22/13	08/22/13
400	Butanenitrile; (Butyronitrile)	109-74-0	117	19.5	25	0.796 @ 15°C	16500	12/08/02	07/25/13	07/18/12
401	Butanephosphonic acid	3321-64-0						12/08/02	05/12/15	11/22/13
402	Butanethiol; (n-Butyl mercaptan)	109-79-5	98.5	75	35.4	0.8416 @ 20°C		09/30/97	03/21/16	01/24/12
403	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
404	Butanol, aluminum salt, 2-	2269-22-9	197 @ 20C					10/11/05	02/27/14	12/31/11
405	Butanol-d10, n-	34193-38-9	117.7	4	20	0.92	14000	07/11/07	03/30/15	03/30/15
406	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	152			0.923 @ 20°C		08/07/98	07/25/13	05/31/13
407	**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
408	Butene, 1-; (Butylene)	106-98-9	-6.3	2253	25	0.557	16000	06/13/02	08/21/14	09/14/12
409	Butene, 2-	107-01-7		>760	25			03/01/00	03/06/15	12/31/11
410	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
411	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

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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)
412	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	160.21	ppm	6.55	C8H16O3	L	-63.5
413	Butoxyethanol phosphate, 2-	78-51-3	398.54	mg/m^3	16.29	C18H39O7P	L	-70
414	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	118.2	ppm	4.83	C6H14O2	L	-74.8
415	Butoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	162.26	ppm	6.63	C8H18O3	L	-68.1
416	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	203.33	mg/m^3	8.31	C9H17NO2S	L	
417	Butoxypolypropylene glycol	9003-13-8	2600	mg/m^3	106.27	(C3H6O)n.C4H10O	L	-48
418	**Butyl acetate, n-**	**123-86-4**	116.18	ppm	4.75	C6.H12.O2	L	-77
419	Butyl acetate, sec-	105-46-4	116.18	ppm	4.75	C6.H12.O2	L	-98.9
420	Butyl acetate, tert-	540-88-5	116.18	ppm	4.75	C6H12O2	L	
421	Butyl acetoacetate, tert-	1694-31-1	158.1968	mg/m^3	6.47	C8.H14.O3	L	
422	**Butyl acrylate, n-**	**141-32-2**	128.17	ppm	5.24	C7H12O2	L	-64.6
423	Butyl alcohol, n-; (n-Butanol)	71-36-3	74.12	ppm	3.03	C4H10O	L	-88.6
424	Butyl alcohol, sec-; (2-Butanol)	78-92-2	74.14	ppm	3.03	C4H10O	L	-89
425	Butyl alcohol, tert; (tert-Butanol)	75-65-0	74.14	ppm	3.03	C4H10O	L	25.5
426	Butyl bis(2-ethylhexyl)phosphate	z-0002	378.53	ppm	15.47	[Unknown]		
427	Butyl bromide, n-; (1-Bromobutane)	109-65-9	137.04	ppm	5.60	C4.H9.Br	L	-112.3
428	**Butyl chloroformate, n-**	**592-34-7**	136.58	ppm	5.58	C5.H9.Cl.O2	L	
429	**Butyl chloroformate, sec-**	**17462-58-7**	136.58	ppm	5.58	C5.H9.Cl.O2	L	
430	Butyl ether, n-; (Dibutyl ether)	142-96-1	130.26	ppm	5.32	C8H18O	L	-98
431	Butyl glycidyl ether, n-	2426-08-6	130.19	ppm	5.32	C7H14O2	L	
432	**Butyl isocyanate, n-**	**111-36-4**	99.13	ppm	4.05	C5H9NO	L	-75
433	Butyl isocyanate, tert-	1609-86-5	99.131	ppm	4.05	C5.H9.N.O	S	85.5

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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
412	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
413	Butoxyethanol phosphate, 2-	78-51-3	200-230	0.03	150	1.02 @ 20°C		04/14/04	01/23/14	01/23/14
414	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	168.4	0.8	25	0.9012 @ 20°C	11000	07/09/97	02/04/16	09/17/12
415	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
416	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	120-125 @ 0.25mm					01/10/01	10/14/13	01/25/13
417	Butoxypolypropylene glycol	9003-13-8				0.973-0.990		04/14/04	07/25/13	12/31/11
418	**Butyl acetate, n-**	**123-86-4**	126	11.5	25	0.88	13000	06/13/02	03/06/15	
419	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
420	Butyl acetate, tert-	540-88-5	97.8	47	25	0.8593		06/13/02	03/06/15	12/31/11
421	Butyl acetoacetate, tert-	1694-31-1				0.954		10/11/05	10/31/14	12/31/11
422	**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
423	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
424	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
425	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
426	Butyl bis(2-ethylhexyl)phosphate	z-0002						12/08/02	05/12/15	11/22/13
427	Butyl bromide, n-; (1-Bromobutane)	109-65-9	101.3	41.97	25	1.2586	26000	07/11/07	03/06/15	
428	**Butyl chloroformate, n-**	**592-34-7**	142			1.074		07/11/07	08/27/14	03/04/15
429	**Butyl chloroformate, sec-**	**17462-58-7**				1.074		07/11/07	02/17/15	12/31/11
430	Butyl ether, n-; (Dibutyl ether)	142-96-1	142	6.01	25	0.7689	15000	04/14/04	03/06/15	07/29/13
431	Butyl glycidyl ether, n-	2426-08-6	169	3.2	25	0.918 @ 20°C		08/21/96	03/06/15	08/19/13
432	**Butyl isocyanate, n-**	**111-36-4**	115	1.7X10+1	25	0.88 @ 20°C		10/31/92	02/09/15	01/07/14
433	Butyl isocyanate, tert-	1609-86-5				0.8670 @ 7°C		07/11/07	08/21/14	08/21/14

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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)
434	Butyl levulinate	2052-15-5	172.25	mg/m^3	7.04	C9.H16.O3	S	
435	Butyl lithium	109-72-8	64.06	mg/m^3	2.62	C4H9Li	L	-76
436	Butyl methyl-d3 ether, tert-	29366-08-3	91.16	ppm	3.73	C5.D3.H9.O	L	
437	Butyl perbenzoate, tert-	614-45-9	194.25	mg/m^3	7.94	C11.H14.O3	L	8
438	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	130.2	mg/m^3	5.32	C7H14O2	L	-89.6
439	Butyl-2-methylcyclopropane, T-1-	38851-70-6		mg/m^3		[Unknown]	L	
440	Butyl-3-iodo-2-propynylcarbamate	55406-53-6	281.11	mg/m^3	11.49	C8H12INO2	S	66
441	Butylamine, n-	109-73-9	73.16	ppm	2.99	C4.H11.N	L	-50
442	Butylamine, sec-; (includes 513-49-5)	13952-84-6	73.16	ppm	2.99	C4H11N	L	-104
443	Butylamine, tert-	75-64-9	73.16	ppm	2.99	C4.H11.N	L	-67.5
444	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	134.21	ppm	5.49	C10H14	L	-87.85
445	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	134.22	ppm	5.49	C10H14	L	-82.7
446	Butylbenzene, tert-	98-06-6	134.22	ppm	5.49	C10H14	L	-57.8
447	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	140.268	ppm	5.73	C10H20	L	
448	Butylcyclohexanone, p-tert-	98-53-3	154.28	mg/m^3	6.31	C10H18O	S	49-50
449	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8	116.13	mg/m^3	4.75	C5.H8.O3		
450	Butyllithium, sec-	598-30-1	64.06	ppm	2.62	C4.H9.Li	L	17.22
451	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	166.24	mg/m^3	6.79	C10H14O2	S	52
452	**Butyltrichlorosilane**	**7521-80-4**	191.57	ppm	7.83	C4.H9.Cl3.Si	L	
453	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	86.09	mg/m^3	3.52	C4H6O2	S	50
454	Butyraldehyde	123-72-8	72.12	ppm	2.95	C4H8O	L	-96.86
455	Butyric acid, sodium salt	156-54-7	111.11	mg/m^3	4.54	C4.H8.O2.Na	S hygr.	250-253

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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
434	Butyl levulinate	2052-15-5	237.5			0.9735 @ 20°C		07/11/07	07/29/13	12/31/11
435	Butyl lithium	109-72-8				0.765		04/14/04	01/07/14	01/07/14
436	Butyl methyl-d3 ether, tert-	29366-08-3					16000	07/11/07	03/04/15	02/07/12
437	Butyl perbenzoate, tert-	614-45-9	112	0.33	50	1		12/08/02	07/29/13	06/13/12
438	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	145.4			0.893 @ 0°C		12/08/02	07/29/13	12/31/11
439	Butyl-2-methylcyclopropane, T-1-	38851-70-6						10/11/05	10/15/13	12/31/11
440	Butyl-3-iodo-2-propynylcarbamate	55406-53-6		5.25E-05	30	1.575		03/01/00	07/29/13	12/31/11
441	Butylamine, n-	109-73-9	78	92.9	25	0.7327 @ 20°C	17000	06/13/02	03/06/15	08/22/14
442	Butylamine, sec-; (includes 513-49-5)	13952-84-6	63	178	25	0.724 @ 20°C		06/13/02	03/06/15	08/22/14
443	Butylamine, tert-	75-64-9	46.4	372	25	0.7	17000	06/13/02	03/06/15	08/22/14
444	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	183.31	0.75	21	0.8601 @ 20°C	8000	09/30/97	03/22/16	03/22/16
445	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	173.5	1.75	25	0.858	8000	09/30/97	03/22/16	03/22/16
446	Butylbenzene, tert-	98-06-6	169.1	0.75	10	0.8665 @ 20°C	7000	09/30/97	03/22/16	01/17/12
447	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	101	2.9	37.7	0.8		06/13/02	03/06/15	11/18/13
448	Butylcyclohexanone, p-tert-	98-53-3	90-92 @ 9mm					08/07/98	04/04/16	12/06/11
449	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8						07/11/07	07/29/13	12/31/11
450	Butyllithium, sec-	598-30-1				0.769		07/11/07	01/07/14	01/07/14
451	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	285	0.0028	25	1.0496		08/07/98	04/11/16	12/31/11
452	**Butyltrichlorosilane**	**7521-80-4**	148.5			1.1606 @ 20°C		09/05/08	02/12/15	
453	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
454	Butyraldehyde	123-72-8	74.7	111	25	.802 @ 20°C	19000	01/04/99	03/06/15	03/17/14
455	Butyric acid, sodium salt	156-54-7				0.96		10/11/05	07/29/13	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)
456	Butyric acid; (n-Butyric acid)	107-92-6	88.12	ppm	3.60	C4H8O2	L	-5.1
457	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**	337.45	mg/m^3	13.79	C21.H23.N.O3	S	164
458	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
459	C-18 Unsaturated fatty acid, dimers, reaction products with polyethylenepolyamines; (Versamid 140 polyamide resin; Versamid 125)	68410-23-1		mg/m^3		[Unspecified]	L	
460	Cacodylic acid; (Arsenic acid, dimethyl-)	75-60-5	138	mg/m^3	5.64	C2H7AsO2	S	195
461	**Cadmium**	**7440-43-9**	112.41	mg/m^3	4.59	Cd	S	321
462	Cadmium bromide	7789-42-6	272.22	mg/m^3	11.13	Br2Cd	S	570
463	Cadmium carbonate	513-78-0	172.41	mg/m^3	7.05	CCdO3	S	500 dec
464	Cadmium chloride	10108-64-2	183.32	mg/m^3	7.49	CdCl2	S crystals	568
465	Cadmium chloride hemipentahydrate; (Cadmium chloride, 5/2-hydrate)	7790-78-5	228.35	mg/m^3	9.33	Cd2.Cl4.H10.O5	S	568
466	Cadmium fluoride	7790-79-6	150.4	mg/m^3	6.15	CdF2	S crystals	1075
467	Cadmium hydroxide	21041-95-2	146.63	mg/m^3	5.99	CdH2O2	S	130 dec
468	Cadmium nitrate	10325-94-7	236.42	mg/m^3	9.66	CdN2O6	S	360
469	Cadmium nitrate tetrahydrate	10022-68-1	308.48	mg/m^3	12.61	CdH8N2O7	S	59.5
470	Cadmium nitrite	7790-83-2	204.41	mg/m^3	8.35	Cd.(N.O2)2	S	
471	Cadmium oxide	1306-19-0	128.41	mg/m^3	5.25	CdO	S	
472	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0	681.48	mg/m^3	27.85	Cd.C36.H72.O4	S	
473	Cadmium sulfate	10124-36-4	208.47	mg/m^3	8.52	CdO4S	S	1000
474	Cadmium sulfate, hydrate	7790-84-3	256.51	mg/m^3	10.48	CdH16O12S	S crystals	105
475	Cadmium sulfide	1306-23-6	144.46	mg/m^3	5.90	Cd.S	S	1750
476	Cadmium tungstate	7790-85-4	360.26	mg/m^3	14.72	CdO4W	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
456	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
457	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**		2.38E-10	25			09/05/08	02/12/15	02/12/15
458	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
459	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
460	Cacodylic acid; (Arsenic acid, dimethyl-)	75-60-5	> 200					12/30/95	01/28/14	01/28/14
461	**Cadmium**	**7440-43-9**	767	1	394	8.69		12/30/95	02/17/15	09/29/10
462	Cadmium bromide	7789-42-6	863			5.192		08/07/98	02/03/14	02/03/14
463	Cadmium carbonate	513-78-0				5.026		08/07/98	02/03/14	02/03/14
464	Cadmium chloride	10108-64-2	964	10	656	4.05		08/07/98	02/03/14	02/03/14
465	Cadmium chloride hemipentahydrate; (Cadmium chloride, 5/2-hydrate)	7790-78-5				3.327		10/11/05	02/03/14	02/03/14
466	Cadmium fluoride	7790-79-6	1750	1	1112	6.33 @ 20°C		08/07/98	02/03/14	02/03/14
467	Cadmium hydroxide	21041-95-2	132			4.79		09/30/97	02/03/14	02/03/14
468	Cadmium nitrate	10325-94-7	132			3.6		07/09/97	02/03/14	02/03/14
469	Cadmium nitrate tetrahydrate	10022-68-1				2.45		09/30/97	02/03/14	02/03/14
470	Cadmium nitrite	7790-83-2						12/08/02	02/03/14	02/03/14
471	Cadmium oxide	1306-19-0	1559 subl	7.5x10-3	770	8.15		09/30/97	02/04/14	02/04/14
472	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0						06/13/02	02/03/14	02/03/14
473	Cadmium sulfate	10124-36-4				4.691		08/07/98	02/03/14	02/03/14
474	Cadmium sulfate, hydrate	7790-84-3				3.79 @ 20°C		10/11/05	02/03/14	02/03/14
475	Cadmium sulfide	1306-23-6				4.83		10/11/05	02/03/14	02/03/14
476	Cadmium tungstate	7790-85-4				8		08/07/98	02/03/14	02/03/14

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477	Cadmium(II) acetate	543-90-8	230.5	mg/m^3	9.42	C4H6CdO4	S	255
478	Calcium acetate	62-54-4	158.18	mg/m^3	6.47	C4.H6.O4.Ca	S	
479	Calcium arsenate	7778-44-1	398.08	mg/m^3	16.27	As2Ca3O8	S	1.455
480	Calcium carbide	75-20-7	64.1	mg/m^3	2.62	C2Ca	S	2300
481	Calcium chloride	10043-52-4	110.98	mg/m^3	4.54	CaCl2	S crystals	775
482	Calcium chloride dihydrate	10035-04-8	147.02	mg/m^3	6.01	CaCl2H4O2	S	175 dec
483	Calcium chloride hexahydrate	7774-34-7	219.08	mg/m^3	8.95	CaCl2 6H2O	S crystals	30
484	Calcium chloride hydrate	22691-02-7	129	mg/m^3	5.27	Ca.Cl2.H2.O	S	
485	Calcium chromate	13765-19-0	156.07	mg/m^3	6.38	CaCrO4	S	1000
486	Calcium cyanamide	156-62-7	80.1	mg/m^3	3.27	CCaN2	S	~1340
487	**Calcium cyanide**	**592-01-8**	92.12	mg/m^3	3.77	Ca(CN)2	S	
488	Calcium fluoride	7789-75-5	78.08	mg/m^3	3.19	CaF2	S	1418
489	Calcium formate	544-17-2	130.11	mg/m^3	5.32	C2CaH2O4	S	300 dec
490	Calcium hydride	7789-78-8	42.24	mg/m^3	1.73	CaH2	S	816 in H2O
491	Calcium hydroxide	1305-62-0	74.1	mg/m^3	3.03	CaH2O2	S	580 dec
492	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
493	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3	142.98	mg/m^3	5.84	CaCl2O2	S	100
494	Calcium metasilicate	10101-39-0	116.17	mg/m^3	4.75	Ca.Si.O3	S	
495	Calcium monohydrogen phosphate dihydrate	7789-77-7	136.06	mg/m^3	5.56	Ca.H.P.O4.2(H2.O)	S	36
496	Calcium nitrite	13780-06-8	132.09	mg/m^3	5.40	CaN2O4	S	
497	Calcium oxalate	563-72-4	128.1	mg/m^3	5.24	C2CaO4	S	
498	Calcium oxalate, monohydrate	5794-28-5	146.112	mg/m^3	5.97	Ca.C2.O4.H2.O	S	200 dec

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
477	Cadmium(II) acetate	543-90-8				2.341		08/07/98	02/03/14	02/03/14
478	Calcium acetate	62-54-4				1.5		10/11/05	02/14/14	01/03/12
479	Calcium arsenate	7778-44-1				3.62		12/08/02	01/27/14	12/31/11
480	Calcium carbide	75-20-7				2.222		06/13/02	02/14/14	02/14/14
481	Calcium chloride	10043-52-4	1,935			2.152		08/07/98	02/14/14	02/14/14
482	Calcium chloride dihydrate	10035-04-8				1.85 @ 20°C		12/08/02	04/01/14	04/01/14
483	Calcium chloride hexahydrate	7774-34-7				1.71		07/11/07	02/14/14	02/14/14
484	Calcium chloride hydrate	22691-02-7						07/11/07	02/14/14	07/29/13
485	Calcium chromate	13765-19-0				2.89 no temp		03/01/00	03/06/15	03/06/15
486	Calcium cyanamide	156-62-7	subl			2.29		09/30/97	02/14/14	02/14/14
487	**Calcium cyanide**	**592-01-8**				1.853 @ 20°C		09/29/10	02/17/15	
488	Calcium fluoride	7789-75-5	2500			3.18		08/07/98	07/29/13	07/29/13
489	Calcium formate	544-17-2				2.02		08/07/98	03/30/15	03/30/15
490	Calcium hydride	7789-78-8	675dec			1.7		01/10/01	02/14/14	10/10/13
491	Calcium hydroxide	1305-62-0				2.343		08/07/98	04/04/16	04/04/16
492	Calcium hydroxide phosphate; (Calcium phosphate tribasic)	12167-74-7				3.14 @ 20°C		10/11/05	02/14/14	02/14/14
493	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3				2.35		07/09/97	02/14/14	02/14/14
494	Calcium metasilicate	10101-39-0						10/11/05	04/01/14	12/31/11
495	Calcium monohydrogen phosphate dihydrate	7789-77-7				2.89		10/11/05	02/14/14	02/14/14
496	Calcium nitrite	13780-06-8						12/08/02	02/14/14	02/14/14
497	Calcium oxalate	563-72-4						12/08/02	12/03/13	12/03/13
498	Calcium oxalate, monohydrate	5794-28-5				2.12		10/11/05	02/14/14	12/03/13

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499	Calcium oxide	1305-78-8	56.08	mg/m^3	2.29	CaO	S	2613
500	Calcium phosphate; (Tricalcium phosphate)	10103-46-5	310.18	mg/m^3	12.68	Ca3.(P.O4)2	S	
501	**Calcium phosphide**	**1305-99-3**	182.18	ppm	7.45	Ca3.P2	S	>1600
502	Calcium sulfide	20548-54-3	72.14	mg/m^3	2.95	CaS	S	2524
503	Calcium trifluoromethanesulfonate	55120-75-7	338.21	mg/m^3	13.82	C2.Ca.F6.O6.S2		
504	Calcium(II) nitrate	10124-37-5	164.1	mg/m^3	6.71	CaN2O6	S	561
505	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	236.18	mg/m^3	9.65	CaH8N2O10	S	43
506	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3	232.3	mg/m^3	9.49	C10.H16.O4.S	L	198
507	Cantharidin	56-25-7	196.22	mg/m^3	8.02	C10.H12.O4	S	218
508	Caprolactam (dust)	105-60-2	113.16	mg/m^3	4.63	C6H11NO	S	69.3
509	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	114.16	mg/m^3	4.67	C6.H10.O2	L	-1
510	Caprylyl chloride; (Octanoyl chloride)	111-64-8	162.68	mg/m^3	6.65	C8.H15.Cl.O	L	-63
511	CAPSO	73463-39-5	237.3134	mg/m^3	9.70	C9.H19.N.O4.S	S	270-274
512	Captan	133-06-2	300.59	mg/m^3	12.29	C9H8Cl3NO2S	S	172.5
513	Carbachol chloride	51-83-2	182.68	mg/m^3	7.47	C6H15ClN2O2	S	204-205
514	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	
515	Carbaryl; (Sevin)	63-25-2	201.22	mg/m^3	8.22	C12H11NO2	S	145
516	Carbazole	86-74-8	167.22	mg/m^3	6.83	C12H9N	S	244.8
517	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3	362.41	mg/m^3	14.81	C23H23O2P	S	
518	Carbofuran	1563-66-2	221.28	mg/m^3	9.04	C12H15NO3	S	150-152
519	Carbon black	1333-86-4	12.01	mg/m^3	0.49	[Unspecified]	S	subl
520	**Carbon disulfide**	**75-15-0**	76.14	ppm	3.11	CS2	L	-112.1

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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
499	Calcium oxide	1305-78-8	2850			3.37		08/21/96	02/14/14	12/31/11
500	Calcium phosphate; (Tricalcium phosphate)	10103-46-5				2.5 @ 20°C		12/08/02	02/18/14	02/18/14
501	**Calcium phosphide**	**1305-99-3**				2.238		09/05/08	02/12/15	02/13/12
502	Calcium sulfide	20548-54-3	dec			2.58		02/08/12	02/18/14	02/18/14
503	Calcium trifluoromethanesulfonate	55120-75-7						09/02/08	07/29/13	4/8/2014
504	Calcium(II) nitrate	10124-37-5	dec			2.36		09/30/97	03/22/16	03/22/16
505	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	dec			2.36		01/10/01	02/18/14	12/31/11
506	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3						07/11/07	07/30/13	07/30/13
507	Cantharidin	56-25-7	84 sublms	0.02	25			06/13/02	07/30/13	10/05/12
508	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
509	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
510	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
511	CAPSO	73463-39-5						10/11/05	07/30/13	12/31/11
512	Captan	133-06-2		9x10-8	25	1.74		09/30/97	12/11/15	12/11/15
513	Carbachol chloride	51-83-2						12/08/02	10/05/12	10/05/12
514	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
515	Carbaryl; (Sevin)	63-25-2	dec	1.36x10-6	25	1.228		09/30/97	03/14/16	01/19/12
516	Carbazole	86-74-8	354.7	400	323	1.10 @18°C		01/10/01	07/30/13	12/31/11
517	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3						03/01/00	07/30/13	12/31/11
518	Carbofuran	1563-66-2		0.00002	33	1.180 @ 20°C		12/08/02	07/30/13	07/30/13
519	Carbon black	1333-86-4	4200			1.8-2.1		01/04/99	07/31/13	12/31/11
520	**Carbon disulfide**	**75-15-0**	46	750	45.9	1.2632	13000	11/30/92	03/06/15	05/02/09

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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)
521	**Carbon monoxide**	**630-08-0**	28.01	ppm	1.14	CO	G	-205.02
522	**Carbon tetrachloride**	**56-23-5**	153.82	ppm	6.29	CCl4	L	-22.62
523	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	88.01	ppm	3.60	CF4	G	-183.6
524	Carbon trifluoride; (Trifluoromethane; Fluoroform)	75-46-7	70.02	ppm	2.86	CHF3	G	-163
525	Carbon; (Graphite, 7782-42-5)	7440-44-0	12.01	mg/m^3	0.49	C	S	4489
526	Carbonic acid, calcium salt	471-34-1	100.09	mg/m^3	4.09	CCaO3	S	
527	**Carbonyl fluoride**	**353-50-4**	66.01	ppm	2.70	CF2O	G	-111.26
528	**Carbonyl sulfide**	**463-58-1**	60.08	ppm	2.46	COS	G	-138.8
529	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5	322.23	mg/m^3	13.17	C17.H6.O7	S	226
530	Carbophenothion; (Trithion)	786-19-6	342.87	mg/m^3	14.01	C11H16ClO2PS3	L	
531	Catechol	120-80-9	110.11	ppm	4.50	C6H6O2	S	104.6
532	Ceric ammonium nitrate	16774-21-3	548.23	mg/m^3	22.41	CeH8N8O18	S	
533	Ceric ammonium sulfate; (includes hydrated forms)	7637-03-8	600.54	mg/m^3	24.54	CeH20N4O16S4	S	
534	Ceric oxide	1306-38-3	172.12	mg/m^3	7.03	CeO2	S	2600
535	Cerium	7440-45-1	140.13	mg/m^3	5.73	Ce	S	799
536	Cerium acetate	537-00-8	317.27	mg/m^3	12.97	C6.H9.O6.Ce	S	308 dec.
537	Cerium chloride	7790-86-5	246.48	mg/m^3	10.07	CeCl3	S	807
538	Cerium fluoride	7758-88-5	197.12	mg/m^3	8.06	CeF3	S	1460
539	Cerium hydroxide	15785-09-8	191.14	mg/m^3	7.81	CeH3O3	S	
540	Cerium nitrate hexahydrate	10294-41-4	434.27	mg/m^3	17.75	CeH12N3O15	S	
541	Cerium oxalate	139-42-4	316.1592	mg/m^3	12.92	Ce.(C2.O4)2	S	
542	Cerium sulfate	13590-82-4	332.24	mg/m^3	13.58	CeO8S2	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
521	**Carbon monoxide**	**630-08-0**	-191.5	1.55x10E8	25	1.145 g/L	125000	11/30/92	03/06/15	06/13/14
522	**Carbon tetrachloride**	**56-23-5**	76.8	75	15.8	1.5940 @ 20°C		11/30/92	11/18/14	11/18/14
523	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	-127.8			3.034		04/14/04	07/31/13	12/31/11
524	Carbon trifluoride; (Trifluoromethane; Fluoroform)	75-46-7	-82.2	35300	25			04/14/04	12/18/15	12/18/15
525	Carbon; (Graphite, 7782-42-5)	7440-44-0	3825	1	3586	2.2		09/30/97	02/24/16	02/24/16
526	Carbonic acid, calcium salt	471-34-1				2.93		01/04/99	07/31/13	12/31/11
527	**Carbonyl fluoride**	**353-50-4**	-84.57	4.45x10+4	25	2.698 g/L		01/04/99	02/09/15	09/21/12
528	**Carbonyl sulfide**	**463-58-1**	-50	750	-50.4	2.456	120000	12/30/95	02/26/15	04/18/12
529	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5						10/11/05	07/31/13	12/31/11
530	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
531	Catechol	120-80-9	245	3x10-2	20	1.344 @ 20°C		09/30/97	03/06/15	08/07/12
532	Ceric ammonium nitrate	16774-21-3						08/07/98	04/04/16	04/04/16
533	Ceric ammonium sulfate; (includes hydrated forms)	7637-03-8						08/07/98	04/04/16	04/04/16
534	Ceric oxide	1306-38-3				7.65		08/07/98	07/31/13	07/31/13
535	Cerium	7440-45-1	3433			6.9		03/01/00	07/31/13	12/31/11
536	Cerium acetate	537-00-8						10/11/05	07/31/13	07/31/13
537	Cerium chloride	7790-86-5				3.97		07/09/97	02/04/16	06/13/12
538	Cerium fluoride	7758-88-5	2300			6.16		12/08/02	07/31/13	12/31/11
539	Cerium hydroxide	15785-09-8						12/08/02	08/29/14	08/29/14
540	Cerium nitrate hexahydrate	10294-41-4						09/30/97	02/24/16	12/31/11
541	Cerium oxalate	139-42-4						08/07/98	04/04/16	12/06/11
542	Cerium sulfate	13590-82-4						08/07/98	07/31/13	07/31/13

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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)
543	Cerium trioxide	1345-13-7	328.24	mg/m^3	13.42	Ce2O3	S	1692
544	Cerium(III) sulfate	13454-94-9	568.42	mg/m^3	23.23	Ce2.(S.O4)3	S	`250 dec
545	Cerium(IV) hydroxide	12014-56-1	208.1452	mg/m^3	8.51	Ce.H4.O4	S	
546	Cerium(IV) nitrate	13093-17-9	392.1708	mg/m^3	16.03	Ce.4(H.N.O3)	S	
547	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	326.15	mg/m^3	13.33	CeN3O9	S	150 lose water
548	Cerous nitrite	z-0004	278.11	mg/m^3	11.37	Ce.(NO2)3	S	
549	Cesium	7440-46-2	132.91	mg/m^3	5.43	Cs	S	28.5
550	Cesium carbonate	534-17-8	325.83	mg/m^3	13.32	CCs2O3	S	793
551	Cesium chloride	7647-17-8	168.36	mg/m^3	6.88	ClCs	S	646
552	Cesium fluoride	13400-13-0	151.91	mg/m^3	6.21	CsF	S	703
553	Cesium hydroxide	21351-79-1	149.9127	mg/m^3	6.13	CsHO	S deliq	315
554	Cesium iodide	7789-17-5	259.81	mg/m^3	10.62	CsI	S	632
555	Cesium metaborate	92141-86-1	175.715	mg/m^3	7.18	Cs.B.O2	S	732
556	Cesium nitrate	7789-18-6	194.92	mg/m^3	7.97	CsNO3	Pwdr	409
557	Cesium nitrite	13454-83-6	178.9097	mg/m^3	7.31	Cs.N.O2	S	
558	Cesium oxide	20281-00-9	297.81	mg/m^3	12.17	Cs2.O	S	490
559	Chloramben; (Amiben; 3-Amino-2,5-dichlorobenzoic acid)	133-90-4	206.03	mg/m^3	8.42	C7H5Cl2NO2	S	200
560	Chloramphenicol	56-75-7	323.1322	mg/m^3	13.21	C11.H12.Cl2.N2.O5	S	151
561	Chlordane	57-74-9	409.78	mg/m^3	16.75	C10H6Cl8	L or S	106
562	Chlorfenvinfos	470-90-6	359.58	mg/m^3	14.70	C12H14Cl3O4P	L	-23
563	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	106.44	mg/m^3	4.35	Na.Cl.O3	S	264
564	Chloride; (Chloride(1-); Chloride ions)	16887-00-6	35.453	ppm	1.45	Cl-	G/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
543	Cerium trioxide	1345-13-7				6.86		12/08/02	07/31/13	12/31/11
544	Cerium(III) sulfate	13454-94-9				2.87		07/11/07	10/15/13	10/15/13
545	Cerium(IV) hydroxide	12014-56-1						10/11/05	07/31/13	12/31/11
546	Cerium(IV) nitrate	13093-17-9						07/11/07	12/04/13	12/04/13
547	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	200 dec					12/06/11	07/31/13	12/31/11
548	Cerous nitrite	z-0004						12/08/02	05/02/09	
549	Cesium	7440-46-2	671	1.5x10-6	25	1.873		01/04/99	07/31/13	12/31/11
550	Cesium carbonate	534-17-8				4.24		01/04/99	07/31/13	12/31/11
551	Cesium chloride	7647-17-8	1297			3.99		08/07/98	07/31/13	01/24/12
552	Cesium fluoride	13400-13-0	1251			4.64		08/07/98	04/11/16	12/31/11
553	Cesium hydroxide	21351-79-1				3.675		12/08/02	07/31/13	08/09/12
554	Cesium iodide	7789-17-5	1280			4.51		01/04/99	07/31/13	12/31/11
555	Cesium metaborate	92141-86-1				~3.7		05/24/10	02/04/14	02/04/14
556	Cesium nitrate	7789-18-6	dec			3.685		01/04/99	10/14/13	12/31/11
557	Cesium nitrite	13454-83-6						12/08/02	12/04/13	12/04/13
558	Cesium oxide	20281-00-9				4.65		10/11/05	07/31/13	12/31/11
559	Chloramben; (Amiben; 3-Amino-2,5-dichlorobenzoic acid)	133-90-4		0.007	100			09/30/97	02/24/16	12/31/11
560	Chloramphenicol	56-75-7	subl	1.70E-12	25			08/17/07	07/31/13	12/31/11
561	Chlordane	57-74-9	175 @ 1mmHg	9.75x10-6	25	1.6		12/30/95	10/25/13	12/31/11
562	Chlorfenvinfos	470-90-6	124-126 @0.008 mm			1.36 @ 20°C		12/08/02	07/31/13	10/05/12
563	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	dec			2.490 @ 15°C		10/11/05	02/08/13	02/08/13
564	Chloride; (Chloride(1-); Chloride ions)	16887-00-6						10/11/05	10/14/13	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)
565	Chlorinated polyolefins	68410-99-1		mg/m^3		[Unspecified]		
566	**Chlorine**	**7782-50-5**	70.906	ppm	2.90	Cl2	G	-101.5
567	**Chlorine dioxide**	**10049-04-4**	67.45	ppm	2.76	ClO2	G	-59
568	**Chlorine pentafluoride**	**13637-63-3**	130.445	ppm	5.33	ClF5	G	-103
569	**Chlorine trifluoride**	**7790-91-2**	92.45	ppm	3.78	ClF3	G	-76.34
570	Chlormephos	24934-91-6	234.7	mg/m^3	9.59	C5H12ClO2PS2	L	
571	Chlormequat chloride; (Choline dichloride)	999-81-5	158.09	mg/m^3	6.46	C5H13Cl2N	S	245 dec
572	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	136.48	ppm	5.58	C2.H.Cl.F4	L	-199
573	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	100.5	ppm	4.11	C2H3ClF2	G	-131
574	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	110.55	ppm	4.52	C3.H7.Cl.O2	L	
575	Chloro-1-butanol, 4-	928-51-8	108.58	mg/m^3	4.44	C4.H9.Cl.O	L	
576	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
577	Chloro-2-methyl-1-propene, 3-	563-47-3	90.56	ppm	3.70	C4H7Cl	L	<-80
578	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	
579	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	92.58	ppm	3.78	C4.H9.Cl	L	-25.6
580	Chloro-2-nitrophenol, 4-	89-64-5	173.554	mg/m^3	7.09	C6.H4.Cl.N.O3	S	88.5
581	Chloro-4-nitrophenol, 2-	619-08-9	173.56	ppm	7.09	C6H4ClNO3	S	111
582	**Chloroacetaldehyde**	**107-20-0**	78.5	ppm	3.21	C2H3ClO	L	-16.3
583	Chloroacetaldehyde dimethyl acetal	97-97-2	124.5669	mg/m^3	5.09	C4.H9.Cl.O2	L	
584	Chloroacetic acid, sodium salt	3926-62-3	116.48	mg/m^3	4.76	C2H2ClNaO2	S crystals	
585	**Chloroacetic acid; (Monochloroacetic acid)**	**79-11-8**	94.5	ppm	3.86	C2H3ClO2	S	63

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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
565	Chlorinated polyolefins	68410-99-1						07/09/97	02/04/16	12/31/11
566	**Chlorine**	**7782-50-5**	-34.04	5.83x10E3	25	2.898g/L		11/30/92	02/12/15	10/11/05
567	**Chlorine dioxide**	**10049-04-4**	11			3.09 @ 11°C		03/01/00	03/06/15	10/11/05
568	**Chlorine pentafluoride**	**13637-63-3**	-13.1			5.332 g/L		12/08/02	02/13/15	09/25/14
569	**Chlorine trifluoride**	**7790-91-2**	11.75	750	11.4	3.779		11/30/92	02/12/15	10/21/09
570	Chlormephos	24934-91-6	81-85 @ 0.1 mm	0.0056	30	1.26		12/08/02	07/31/13	10/05/12
571	Chlormequat chloride; (Choline dichloride)	999-81-5		7.5E-08	20			12/08/02	06/05/13	06/05/13
572	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	12	2888	25	1.364		09/05/08	05/15/15	
573	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	-9.5	2540	25	1.19	62000	01/04/99	06/13/14	
574	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
575	Chloro-1-butanol, 4-	928-51-8	84 @ 16mm			1.088 @ 20°C		10/11/05	07/31/13	12/31/11
576	Chloro-2,4-dinitrobenzene, 1-	97-00-7	315			1.68	20000	12/08/02	07/31/13	12/31/11
577	Chloro-2-methyl-1-propene, 3-	563-47-3	72.17	101.7	20	0.9257 @ 20°C	32000	06/13/02	01/15/16	01/15/16
578	Chloro-2-methyl-4-isothiazolin-3-one, 5-	26172-55-4						08/17/07	07/31/13	09/24/12
579	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	50.9			0.87		07/11/07	01/09/14	01/09/14
580	Chloro-2-nitrophenol, 4-	89-64-5						10/11/05	11/21/13	11/21/13
581	Chloro-4-nitrophenol, 2-	619-08-9						12/08/02	07/31/13	12/31/11
582	**Chloroacetaldehyde**	**107-20-0**	85.5	100	20	1.19		09/15/95	03/06/15	
583	Chloroacetaldehyde dimethyl acetal	97-97-2	127.5			1.4150 @ 20°C		10/11/05	10/14/13	10/14/13
584	Chloroacetic acid, sodium salt	3926-62-3						10/11/05	09/24/12	09/24/12
585	**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

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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)
586	**Chloroacetone**	**78-95-5**	92.53	ppm	3.78	C3H5ClO	L	-44.5
587	**Chloroacetonitrile**	**107-14-2**	75.5	ppm	3.09	C2.H2.Cl.N	L	
588	**Chloroacetyl chloride**	**79-04-9**	112.94	ppm	4.62	C2H2Cl2O	L	-22
589	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3	251.16	mg/m^3	10.27	C9H16Cl2N4	S	178-210
590	Chloroaniline, p-	106-47-8	127.57	mg/m^3	5.21	C6H6ClN	S crystals	70.5
591	**Chlorobenzene; (Benzene chloride)**	**108-90-7**	112.56	ppm	4.60	C6H5Cl	L	-45.31
592	Chlorobenzotrifluoride, 2-	88-16-4	180.56	mg/m^3	7.38	C7.H4.Cl.F3	L	-6
593	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	325.19	mg/m^3	13.29	C16H14Cl2O3	S or L	37
594	**Chlorobenzylidene malononitrile, o-; (Tear Gas)**	**2698-41-1**	188.62	mg/m^3	7.71	C10.H5.Cl.N2	S	95
595	Chlorobutane, 1-; (Butyl chloride)	109-69-3	92.58	ppm	3.78	C4H9Cl	L	-123.1
596	Chlorobutane, 2-; (sec-Butyl chloride)	78-86-4	92.58	ppm	3.78	C4.H9.Cl	L	-140
597	Chlorobutyryl chloride, 4-	4635-59-0	141	mg/m^3	5.76	C4.H6.Cl2.O	L	
598	Chlorocyclohexanol, trans-2-	6628-80-4	134.61	mg/m^3	5.50	C6H11ClO	S	29
599	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4	116.59	mg/m^3	4.77	C6.H9.Cl	L	
600	Chlorodecane, 1-	1002-69-3	176.73	ppm	7.22	C10.H21.Cl	L	-34
601	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	120.57	mg/m^3	4.93	C4H10AlCl	S	-50
602	Chlorodifluoromethane; (Freon 22; CFC 22)	75-45-6	86.47	ppm	3.53	CHClF2	G	-157.42
603	Chloroethanesulfonyl chloride, 2-	1622-32-8	163.02	mg/m^3	6.66	C2.H4.Cl2.O2.S	S	
604	Chloroethyl chloroformate	627-11-2	142.97	mg/m^3	5.84	C3.H4.Cl2.O2	L	
605	Chloroethyl phenyl sulfide, 2-	5535-49-9	172.67	mg/m^3	7.06	C8.H9.Cl.S	S	104
606	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	106.56	ppm	4.36	C4.H7.Cl.O	L	-70.3

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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
586	**Chloroacetone**	**78-95-5**	119	12	25	1.162 @ 20°C		01/04/99	02/17/15	12/31/11
587	**Chloroacetonitrile**	**107-14-2**	126.5	15	30	1.193 @ 20°C		10/11/05	02/09/15	02/09/15
588	**Chloroacetyl chloride**	**79-04-9**	106	7.5	5.6	1.4202 @ 20°C		11/30/92	02/13/15	
589	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3		<1.0x10-7	25	0.4 No Temp		07/09/97	02/04/16	02/04/16
590	Chloroaniline, p-	106-47-8	232	0.071	25	1.429 @ 19°C		12/30/95	03/06/15	01/16/12
591	**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
592	Chlorobenzotrifluoride, 2-	88-16-4	152.2			1.254 @ 30°C		10/11/05	07/31/13	12/31/11
593	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	157 @ 0.07mmHg	2.2x10-6	20	1.2816 @ 20°C		09/30/97	11/30/15	11/30/15
594	**Chlorobenzylidene malononitrile, o-; (Tear Gas)**	**2698-41-1**	313	0.00003	20			06/13/02	02/12/15	02/12/15
595	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
596	Chlorobutane, 2-; (sec-Butyl chloride)	78-86-4	68.5			0.873		07/11/07	08/01/13	12/31/11
597	Chlorobutyryl chloride, 4-	4635-59-0	173.5	1.32	25	1.258		07/11/07	03/06/15	12/31/11
598	Chlorocyclohexanol, trans-2-	6628-80-4	93					03/01/00	08/01/13	12/31/11
599	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4						12/08/02	03/06/15	02/06/14
600	Chlorodecane, 1-	1002-69-3	223			0.871		10/11/05	11/21/13	11/21/13
601	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	208			0.971		12/08/02	03/06/15	02/27/14
602	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
603	Chloroethanesulfonyl chloride, 2-	1622-32-8	200-203			1.555 @ 20°C		12/08/02	08/01/13	12/31/11
604	Chloroethyl chloroformate	627-11-2	155.7	13	48-49	1.3847 @ 20°C		12/08/02	08/01/13	09/24/12
605	Chloroethyl phenyl sulfide, 2-	5535-49-9	245			1.18		08/05/10	11/21/13	11/21/13
606	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

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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)
607	Chloroethylchloromethylsulfide, 2-	2625-76-5	145.05	ppm	5.93	C3.H6.Cl2.S		
608	**Chloroform**	**67-66-3**	119.38	ppm	4.88	CHCl3	L	-63.41
609	Chloroform-d; (Deuterated chloroform)	865-49-6	120.4	ppm	4.92	CCl3D	L	-64
610	Chloro-m-cresol, 4-	59-50-7	142.59	mg/m^3	5.83	C7H7ClO	S	67
611	**Chloromethyl methyl ether**	**107-30-2**	80.51	ppm	3.29	C2H5ClO	L	-103.5
612	**Chloromethyl(trichloro)silane**	**1558-25-4**	183.92	ppm	7.52	CH2Cl4Si	L	111-112
613	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	162.62	mg/m^3	6.65	C10H7Cl	L	-2.5
614	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	162.62	mg/m^3	6.65	C10H7Cl	S	58
615	Chloronitrobenzene, p-; (p-Nitrochlorobenzene)	100-00-5	157.56	mg/m^3	6.44	C6H4ClNO2	S	82
616	Chloroperoxybenzoic acid, 3-	937-14-4	172.57	mg/m^3	7.05	C7H5ClO3	S	92 dec
617	Chlorophacinone	3691-35-8	374.83	mg/m^3	15.32	C23.H15.Cl.O3	S	
618	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	128.56	mg/m^3	5.25	C6H5ClO	S	42.8
619	Chlorophenol, m-	108-43-0	128.56	mg/m^3	5.25	C6H5ClO	S	33
620	Chlorophenol, o-	95-57-8	128.56	mg/m^3	5.25	C6H5ClO	L	9.4
621	Chlorophenyl phenyl ether, 4-	7005-72-3	204.65	mg/m^3	8.36	C12.H9.Cl.O	L	-8
622	Chlorophenyl thiourea, 2-	5344-82-1	186.67	mg/m^3	7.63	C7.H7.Cl.N2.S	S	146
623	Chloropicrin/Methyl bromide mixture	8004-09-9	259.31	mg/m^3	10.60	C2H3BrCl3NO2	L	
624	Chloropicrin/Methyl chloride mixture	z-0007	85	mg/m^3	3.47	[Unspecified]	L	
625	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	164.38	ppm	6.72	CCl3NO2	L	-64
626	Chloroprene; (beta-Chloroprene; Neoprene)	126-99-8	88.54	ppm	3.62	C4H5Cl	L	-130
627	Chloropropanol, 3-; (1-Propanol, 3-chloro-)	627-30-5	94.55	mg/m^3	3.86	C3.H7.Cl.O	L	
628	Chloropropionitrile, 3-	542-76-7	89.53	ppm	3.66	C3.H4.Cl.N	L	-51

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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
607	Chloroethylchloromethylsulfide, 2-	2625-76-5						10/11/05	08/01/13	08/15/07
608	**Chloroform**	**67-66-3**	61.17	75	4.3	1.4788		10/31/92	03/06/15	10/11/05
609	Chloroform-d; (Deuterated chloroform)	865-49-6	60.9			1.5004		04/14/04	03/06/15	05/13/09
610	Chloro-m-cresol, 4-	59-50-7	235	5x10-2	20	1.37		01/04/99	08/01/13	12/31/11
611	**Chloromethyl methyl ether**	**107-30-2**	59.5	75	6	1.063 @ 10°C		12/30/95	06/26/12	12/31/11
612	**Chloromethyl(trichloro)silane**	**1558-25-4**	118			1.465		01/10/01	02/12/15	
613	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	259	7.5x10-3	14	1.188		09/30/97	02/24/16	12/31/11
614	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	256	0.0122	25	1.1377 @ 71°C		11/15/96	08/19/14	08/19/14
615	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
616	Chloroperoxybenzoic acid, 3-	937-14-4						08/07/98	08/01/13	09/24/12
617	Chlorophacinone	3691-35-8						12/08/02	10/15/13	09/24/12
618	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	220	0.75	45	1.224 @ 78°C		04/14/04	03/06/15	08/20/14
619	Chlorophenol, m-	108-43-0	210-214	0.125	25	1.245 @ 45°C		01/04/99	08/20/14	01/24/12
620	Chlorophenol, o-	95-57-8	174.9	7.5	45.8	1.257 @ 23°C		12/30/95	08/20/14	08/20/14
621	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
622	Chlorophenyl thiourea, 2-	5344-82-1	323	0.000002	25			12/08/02	11/14/14	11/14/14
623	Chloropicrin/Methyl bromide mixture	8004-09-9						12/08/02	08/01/13	08/01/13
624	Chloropicrin/Methyl chloride mixture	z-0007						01/10/01	08/01/13	08/01/13
625	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	112	7.5	4.4	1.6558 @ 20°C		11/30/92	02/13/15	08/15/07
626	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
627	Chloropropanol, 3-; (1-Propanol, 3-chloro-)	627-30-5	165			1.309 @ 20°C		10/11/05	08/01/13	12/31/11
628	Chloropropionitrile, 3-	542-76-7	176	2.5	25	1.1363		06/13/02	02/05/15	02/05/15

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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)
629	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	198.75	ppm	8.12	C6.H15.Cl.O3.Si	L	
630	Chloropropylene, 2-	557-98-2	76.53	ppm	3.13	C3.H5.Cl	G/L	-138.6
631	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	238.85	mg/m^3	9.76	C11.H23.Cl.O.S	L	
632	Chloro-p-toluenesulfonamide sodium salt, N-; (Chloramine T)	127-65-1	227.65	mg/m^3	9.30	C7H8ClNNaO2S	S powd	170-177 dec
633	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7	156.54856	ppm	6.40	C4.H10.Cl.O2.P		
634	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5	198.62896	ppm	8.12	C7.H16.Cl.O2.P		
635	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	116.52	mg/m^3	4.76	ClHO3S	L	-80
636	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	265.9	mg/m^3	10.87	C8.Cl4.N2	S	250-251
637	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	126.58	ppm	5.17	C7H7Cl	L	-35.8
638	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	126.58	ppm	5.17	C7H7Cl	L	7.5
639	Chlorotrifluoroethene, homopolymer	9002-83-9		mg/m^3		(C2.Cl.F3)n	S	
640	**Chlorotrifluoroethylene**	**79-38-9**	116.47	ppm	4.76	C2ClF3	G	-158.2
641	Chlorotrifluoromethane; (CFC-13)	75-72-9	104.46	ppm	4.27	C.Cl.F3	G	-181
642	Chloroxuron	1982-47-4	290.77	mg/m^3	11.88	C15.H15.Cl.N2.O2	S	151-152
643	Chlorpyrifos; (Dursban)	2921-88-2	350.59	mg/m^3	14.33	C9H11Cl3NO3PS	S	42-43.5
644	Chlorsulfuron	64902-72-3	357.8	mg/m^3	14.62	C12H12ClN5O4S	S	174-178
645	Chlorthiophos	21923-23-9	361.25	mg/m^3	14.76	C11.H15.Cl2.O3.P.S2	L	
646	Cholera toxin; (Enterotoxin, vibrio cholera)	9012-63-9	~12kDa	mg/m^3			S	
647	Chromates	13907-45-4	115.97	mg/m^3	4.74	CrO4		
648	Chromic acetate; (Chromium(III) acetate)	1066-30-4	229.15	mg/m^3	9.37	C6H9CrO6	S	
649	Chromic chloride; (Chromium(III) chloride)	10025-73-7	158.35	mg/m^3	6.47	Cl3Cr	S	1152

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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
629	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	195	<5	25	1.09		07/11/07	08/01/13	12/31/11
630	Chloropropylene, 2-	557-98-2	22.65	819	25	0.9017 @ 20°C	45000	06/13/02	08/01/13	12/31/11
631	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	338	0.00002	25			12/08/02	08/01/13	12/31/11
632	Chloro-p-toluenesulfonamide sodium salt, N-; (Chloramine T)	127-65-1						01/04/99	08/01/13	06/26/12
633	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7						10/11/05	10/15/13	08/17/07
634	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5						10/11/05	10/15/13	08/07/12
635	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	152	7.5	38.7	1.75		11/30/92	02/17/15	05/16/08
636	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	350	5.70E-07	25	2.8		08/17/07	07/02/13	06/06/13
637	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	159	7.5	38	1.0825 @ 20°C		09/30/97	03/06/15	07/03/13
638	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
639	Chlorotrifluoroethene, homopolymer	9002-83-9						10/11/05	08/01/13	12/31/11
640	**Chlorotrifluoroethylene**	**79-38-9**	-27.8	750	-28.4	1.54 @ 60°C	84000	11/30/92	02/13/15	08/15/07
641	Chlorotrifluoromethane; (CFC-13)	75-72-9	-81.4	21400	25			06/13/02	08/01/13	12/31/11
642	Chloroxuron	1982-47-4		3.90E-09	20	1.34 @ 20°C		12/08/02	08/01/13	12/31/11
643	Chlorpyrifos; (Dursban)	2921-88-2		2.02x10-5	25	1.44 @ 20°C		01/04/99	10/01/13	10/01/13
644	Chlorsulfuron	64902-72-3	192 dec	0.81313	25			12/08/02	08/01/13	01/19/12
645	Chlorthiophos	21923-23-9	150					12/08/02	08/01/13	09/24/12
646	Cholera toxin; (Enterotoxin, vibrio cholera)	9012-63-9						01/16/15		
647	Chromates	13907-45-4						08/07/98	10/30/14	10/30/14
648	Chromic acetate; (Chromium(III) acetate)	1066-30-4						06/13/02	03/28/14	01/03/12
649	Chromic chloride; (Chromium(III) chloride)	10025-73-7	1300 dec			2.76		08/07/98	03/28/14	03/28/14

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.

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)
650	Chromic oxide; (Chromium(III) oxide; Chromium sesquioxide)	1308-38-9	151.99	mg/m^3	6.21	Cr2O3	S crystals	2320
651	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	392.18	mg/m^3	16.03	Cr2O12S3	S	392.18
652	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	99.99	mg/m^3	4.09	CrO3	S crystals	197
653	Chromic(III) hydroxide; (Chromic acid (H3CrO3); Chromium trihydroxide)	1308-14-1	103.02	mg/m^3	4.21	CrH3O3	S	
654	Chromite; (Chromite (mineral))	1308-31-2	223.85	mg/m^3	9.15	Cr2FeO4	S	
655	Chromium	7440-47-3	52	mg/m^3	2.13	Cr	S	1907
656	Chromium nitrate	10103-47-6	115	mg/m^3	4.70	CrHxNO3	S	
657	Chromium perchlorate, hydrated	13537-21-8	350.35	mg/m^3	14.32	Cr.Cl3.O12	S	
658	Chromium(III) acetate hydroxide	39430-51-8	277	mg/m^3	11.32	Cr (C2H3O2) 3OH	S	
659	Chromium(III) chloride, hexahydrate	10060-12-5	266.47	mg/m^3	10.89	Cl3CrH12O6	S hygr.	83
660	Chromium(III) fluoride	7788-97-8	109	mg/m^3	4.45	Cr.F3	S	1400
661	Chromium(III) nitrate	13548-38-4	238.03	mg/m^3	9.73	CrN3O9	S	> 60 dec
662	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2	85.0027	mg/m^3	3.47	Cr.O.(O.H)		
663	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
664	Chromium(VI) hydroxide	12626-43-6	154.0399	mg/m^3	6.30	Cr.(O.H)6	S	
665	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	122.9	mg/m^3	5.02	Cl2Cr	S	824
666	Chrysene	218-01-9	228.29	mg/m^3	9.33	C18H12	S	255.5
667	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2		mg/m^3		[Unspecified]	L	
668	Coal tar, aerosol	8007-45-2		mg/m^3		[Unspecified]	L	
669	Cobalt	7440-48-4	58.93	mg/m^3	2.41	Co	S	1495
670	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1	249.11	mg/m^3	10.18	C4H14CoO8	L	
671	Cobalt carbonyl	10210-68-1	341.94	mg/m^3	13.98	C8Co2O8	S	51

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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
650	Chromic oxide; (Chromium(III) oxide; Chromium sesquioxide)	1308-38-9	~ 3000			5.22		08/21/96	03/28/14	01/26/12
651	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	dec > 700			3.012		01/04/99	03/28/14	03/28/14
652	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	~250 dec			2.7		09/30/97	10/30/14	05/23/14
653	Chromic(III) hydroxide; (Chromic acid (H3CrO3); Chromium trihydroxide)	1308-14-1						09/30/97	03/28/14	01/03/12
654	Chromite; (Chromite (mineral))	1308-31-2				4.97 @ 20°C		08/07/98	03/28/14	03/28/14
655	Chromium	7440-47-3	2671	7.5x10-3	1383	7.15		12/30/95	03/28/14	01/03/12
656	Chromium nitrate	10103-47-6						10/11/05	03/28/14	03/28/14
657	Chromium perchlorate, hydrated	13537-21-8						10/11/05	03/28/14	12/31/11
658	Chromium(III) acetate hydroxide	39430-51-8						04/14/04	03/28/14	03/28/14
659	Chromium(III) chloride, hexahydrate	10060-12-5				1.76		10/11/05	03/28/14	03/28/14
660	Chromium(III) fluoride	7788-97-8				3.8		10/11/05	03/28/14	03/28/14
661	Chromium(III) nitrate	13548-38-4	100 dec					07/09/97	02/04/16	01/13/12
662	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2						12/08/02	03/28/14	12/31/11
663	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0				1.83		10/11/05	10/30/14	05/15/14
664	Chromium(VI) hydroxide	12626-43-6						12/08/02	10/30/14	10/30/14
665	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	1300			2.751 @ 14°C		06/13/02	10/30/14	10/30/14
666	Chrysene	218-01-9	448	6.23x10-9	25	1.274 @ 24°C		12/30/95	04/30/14	04/30/14
667	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2						09/30/97	04/30/14	04/3014
668	Coal tar, aerosol	8007-45-2				1.18-1.23 No temp		09/30/97	04/30/14	04/30/14
669	Cobalt	7440-48-4	2927	7.5x10-3	1517	8.86		09/30/97	08/01/13	12/31/11
670	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1						04/14/04	08/01/13	12/31/11
671	Cobalt carbonyl	10210-68-1	52 decom	0.07	15	1.87		06/13/02	05/15/14	05/15/14

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)
672	Cobalt chloride	7646-79-9	129.83	mg/m^3	5.31	Cl2Co	S	737
673	**Cobalt hydrocarbonyl**	**16842-03-8**	171.98	mg/m^3	7.03	H.Co.(C.O)4	L/G unstble	-33
674	Cobalt hydroxide	21041-93-0	92.95	mg/m^3	3.80	CoH2O2	S	
675	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	291.07	mg/m^3	11.90	CoH12N2O12	S	~55
676	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	182.95	mg/m^3	7.48	CoN2O6	S	100 dec
677	Cobalt nitrite	32486-57-0	150.93	mg/m^3	6.17	Co.(N.O2)2	S	
678	Cobalt oxide; (Cobaltic-cobaltous oxide)	1308-06-1	240.79	mg/m^3	9.84	Co3O4	S	900 dec
679	Cobalt sulfate	10124-43-3	154.99	mg/m^3	6.33	CoO4S	S	735
680	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1	281.13	mg/m^3	11.49	CoH14O11S	S	735
681	Cobalt tetraphenylporphine	14172-90-8		mg/m^3		[Unknown]		
682	Cobalt(II) chloride hexahydrate	7791-13-1	237.95	mg/m^3	9.73	Cl2CoH12O6	S	86
683	Cobalt(II) oxide	1307-96-6	74.93	mg/m^3	3.06	CoO	S	1830
684	Cobalt(II) perchlorate, hexahydrate	13478-33-6	365.95	mg/m^3	14.96	Co.Cl2.O8.6 H2.O	S	
685	Cobalt(II) sulfate hydrate	60459-08-7	173	mg/m^3	7.07	Co.S.O4.H2.O	S	
686	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	
687	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7	218.75	mg/m^3	8.94	Br2Co	S	678
688	Cobaltous carbonate	513-79-1	118.94	mg/m^3	4.86	CCoO3	S crystals	280 dec
689	Colchicine	64-86-8	399.48	mg/m^3	16.33	C22.H25.N.O6	S	155-157
690	Conotoxins (α)	156467-85-5	1355.6	mg/m^3	55.41	C52H82N20O15S4	S	
691	Copper	7440-50-8	63.55	mg/m^3	2.60	Cu	S	1084.62
692	Copper cyanide; (Copper(I) cyanide; Cuprous cyanide)	544-92-3	89.56	mg/m^3	3.66	CCuN	S	474
693	Copper hydroxide; (Copper(II) hydroxide, Cupric hydroxide)	20427-59-2	97.56	mg/m^3	3.99	CuH2O2	S ins	

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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
672	Cobalt chloride	7646-79-9	1049	75	818	3.348		01/04/99	07/23/14	07/05/12
673	**Cobalt hydrocarbonyl**	**16842-03-8**	10					10/11/05	11/14/14	11/14/14
674	Cobalt hydroxide	21041-93-0						12/08/02	05/16/14	12/31/11
675	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	>74			1.88		04/14/04	05/16/14	12/31/11
676	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	75 dec			2.49		08/07/98	05/16/14	01/19/12
677	Cobalt nitrite	32486-57-0						12/08/02	05/16/14	12/31/11
678	Cobalt oxide; (Cobaltic-cobaltous oxide)	1308-06-1						01/10/01	05/16/14	12/06/11
679	Cobalt sulfate	10124-43-3	dec			3.71		04/14/04	05/16/14	05/16/14
680	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1				3.71		04/14/04	05/16/14	05/16/14
681	Cobalt tetraphenylporphine	14172-90-8						08/07/98	04/04/16	04/04/16
682	Cobalt(II) chloride hexahydrate	7791-13-1	1049			1.924		04/14/04	05/16/14	06/27/12
683	Cobalt(II) oxide	1307-96-6				6.45		08/07/98	05/16/14	05/16/14
684	Cobalt(II) perchlorate, hexahydrate	13478-33-6						07/11/07	05/16/14	12/31/11
685	Cobalt(II) sulfate hydrate	60459-08-7						10/11/05	05/16/14	12/31/11
686	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
687	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7				4.91		06/13/02	05/16/14	12/31/11
688	Cobaltous carbonate	513-79-1				4.2		08/07/98	05/16/14	05/16/14
689	Colchicine	64-86-8	407	0.00001	25			06/13/02	08/02/13	12/31/11
690	Conotoxins (α)	156467-85-5						01/09/15		
691	Copper	7440-50-8	2562	7.5x10-3	1236	8.96		12/30/95	02/12/14	02/12/14
692	Copper cyanide; (Copper(I) cyanide; Cuprous cyanide)	544-92-3	1400 dec			2.92		01/10/01	02/05/14	02/05/14
693	Copper hydroxide; (Copper(II) hydroxide, Cupric hydroxide)	20427-59-2				3.368		12/08/02	02/12/14	08/02/13

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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)
694	Copper nitrate; (Cupric nitrate)	3251-23-8	187.56	mg/m^3	7.67	CuN2O6	S	255
695	Copper oxide; (Copper(I) oxide)	1317-39-1	143.08	mg/m^3	5.85	Cu2O	S	1244
696	Copper sulfate; (Copper(II) sulfate)	7758-98-7	159.6	mg/m^3	6.52	CuO4S	S	560 dec
697	Copper(I) chloride; (Cuprous chloride)	7758-89-6	98.99	mg/m^3	4.05	ClCu	S	423
698	Copper(I) sulfide	22205-45-4	159.14	mg/m^3	6.50	Cu2.S	S	1127
699	Copper(II) acetate monohydrate	6046-93-1	199.66	mg/m^3	8.16	C4H8CuO5	S	115
700	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1	221.11	mg/m^3	9.04	CH2Cu2O5	S crystals	200 dec
701	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	134.45	mg/m^3	5.50	Cl2Cu	S	598
702	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	170.48	mg/m^3	6.97	Cl2CuH4O2	S	100
703	Copper(II) oxalate	814-91-5	153.58	mg/m^3	6.28	C2.H2.O4.Cu	S	
704	Copper(II) perchlorate, dihydrate	17031-32-2	298.48	mg/m^3	12.20	Cu.Cl2.O8.2(H2.O)	S	
705	Copper(II) sulfate pentahydrate	7758-99-8	249.7	mg/m^3	10.21	CuH10O9S	S	110 lose 4H2O
706	Copper(II) sulfide	1317-40-4	95.6	mg/m^3	3.91	Cu.S	S	103 trans.
707	Coumaphos	56-72-4	362.78	mg/m^3	14.83	C14.H16.Cl.O5.P.S	S	95
708	Coumarin	91-64-5	146.15	mg/m^3	5.97	C9.H6.O2	S	70-71
709	Coumatetralyl; (Endrocide)	5836-29-3	292.35	mg/m^3	11.95	C19.H16.O3	S	172-176
710	Creosote (coal tar)	8001-58-9		mg/m^3		UK	L	
711	Cresols, all isomers; (includes 95-48-7,108-39-4,106-44-5)	1319-77-3	108.14	ppm	4.42	C7H8O	L	Nov-35
712	Cresyl violet acetate	10510-54-0	321.3348	mg/m^3	13.13	C18.H15.N3.O3	S	140-143
713	Crimidine; (Castrix)	535-89-7	171.65	mg/m^3	7.02	C7.H10.Cl.N3	S	87
714	Cristobalite	14464-46-1	60.09	mg/m^3	2.46	O2Si	S	1722
715	Crocidolite	12001-28-4	765.98	mg/m^3	31.31	(NaFe3(2+)Fe2(3+)Si8O22(OH)2)n	S fibre	800 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
694	Copper nitrate; (Cupric nitrate)	3251-23-8	subl			2.05		07/09/97	02/12/14	02/12/14
695	Copper oxide; (Copper(I) oxide)	1317-39-1	1800 dec			6		08/07/98	02/12/14	08/02/13
696	Copper sulfate; (Copper(II) sulfate)	7758-98-7				3.6		08/07/98	12/11/15	12/11/15
697	Copper(I) chloride; (Cuprous chloride)	7758-89-6	1490	1	546	4.14		08/07/98	06/10/14	06/10/14
698	Copper(I) sulfide	22205-45-4				5.6		10/11/05	02/12/14	12/31/11
699	Copper(II) acetate monohydrate	6046-93-1						04/14/04	02/12/14	12/31/11
700	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1				4		04/14/04	02/12/14	12/08/11
701	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	993			3.4		07/09/97	02/12/14	09/26/12
702	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	993 dec			2.51		04/14/04	02/12/14	12/12/11
703	Copper(II) oxalate	814-91-5						10/11/05	02/12/14	12/31/11
704	Copper(II) perchlorate, dihydrate	17031-32-2						10/11/05	02/12/14	09/26/12
705	Copper(II) sulfate pentahydrate	7758-99-8	150 dec			2.29 @ 15.6°C		12/08/02	02/12/14	02/12/14
706	Copper(II) sulfide	1317-40-4	200			4.6		10/11/05	02/12/14	12/31/11
707	Coumaphos	56-72-4		9.7E-08	20	1.47 @ 20°C		12/08/02	08/02/13	12/31/11
708	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
709	Coumatetralyl; (Endrocide)	5836-29-3						12/08/02	08/02/13	09/26/12
710	Creosote (coal tar)	8001-58-9	203-220			1.07-1.08 no temp		12/30/95	10/21/13	09/26/12
711	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
712	Cresyl violet acetate	10510-54-0						10/11/05	08/02/13	12/31/11
713	Crimidine; (Castrix)	535-89-7	140-147 @ 4mm					12/08/02	10/21/13	09/26/12
714	Cristobalite	14464-46-1	2950			2.334		09/30/97	10/21/13	08/06/12
715	Crocidolite	12001-28-4						01/04/99	08/02/13	01/19/12

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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)
716	**Crotonaldehyde, cis-**	**4170-30-3**	70.09	ppm	2.86	C4H6O	L	-76
717	**Crotonaldehyde, trans-**	**123-73-9**	70.1	ppm	2.87	C4H6O	L	-69
718	Crotonic Acid	3724-65-0	86.1	mg/m^3	3.52	C4.H6.O2	S	72
719	Crystal violet; (Aniline violet)	548-62-9	408.03	mg/m^3	16.68	C25.H30.N3.Cl	S	215
720	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	
721	Cube Resin other than Rotenone	z-0122		mg/m^3			L	
722	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	152.21	ppm	6.22	C9H12O2	L	
723	**Cumene; (Isopropyl benzene)**	**98-82-8**	120.19	ppm	4.91	C9H12	L	-96.02
724	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
725	Cupferron; (Ammonium-N-nitrosophenylhydroxylamine)	135-20-6	155.19	mg/m^3	6.34	C6H9N3O2	S	163-164
726	Cupric acetate, anhydrous; (Copper acetate)	142-71-2	181.64	mg/m^3	7.42	C4H6CuO4	S	
727	Cupric nitrate hemipentahydrate	19004-19-4	241.6	mg/m^3	9.87	Cu.(N.O3)2.5/2(H2.O)	S	115
728	Cupric nitrite	14984-71-5	155.54	mg/m^3	6.36	CuN2O4	S	
729	Cupric oxide	1317-38-0	79.54	mg/m^3	3.25	CuO	S	1227
730	Cyanamide	420-04-2	42.04	mg/m^3	1.72	CH2N2	S	45.56
731	Cyanic acid; (Hydrogen cyanate)	420-05-3	43.025	ppm	1.76	CHNO	G/L unstabl	-86
732	Cyanide	57-12-5	26.02	mg/m^3	1.06	CN	S	
733	Cyanoacetamide	107-91-5	84.08	mg/m^3	3.44	C3H4N2O	S	121.5
734	**Cyanogen**	**460-19-5**	52.03	ppm	2.13	C2N2	G	-27.83
735	Cyanogen bromide	506-68-3	105.93	mg/m^3	4.33	BrCN	S	52
736	**Cyanogen chloride**	**506-77-4**	61.47	ppm	2.51	CClN	G	-6.5
737	Cyanogen iodide	506-78-5	152.92	mg/m^3	6.25	CIN	S	146.5

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
716	**Crotonaldehyde, cis-**	**4170-30-3**	102.2	30	25	0.8516 @ 20°C	21000	11/30/92	02/12/15	08/24/07
717	**Crotonaldehyde, trans-**	**123-73-9**	102.2			0.853		03/01/00	03/06/15	08/24/07
718	Crotonic Acid	3724-65-0	185	0.19	20	1.018 @ 15°C		06/13/02	08/02/13	12/31/11
719	Crystal violet; (Aniline violet)	548-62-9						07/11/07	08/02/13	12/31/11
720	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
721	Cube Resin other than Rotenone	z-0122						02/19/08	08/02/13	12/31/11
722	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
723	**Cumene; (Isopropyl benzene)**	**98-82-8**	152.41	7.5	33	0.864	9000	11/15/96	03/06/15	12/31/11
724	Cumenol methylcarbamate, m-; (3-(1-Methylethyl)phenol methylcarbamate)	64-00-6	143	0.4	25			12/08/02	08/02/13	09/28/12
725	Cupferron; (Ammonium-N-nitrosophenylhydroxylamine)	135-20-6						01/04/99	08/02/13	09/26/12
726	Cupric acetate, anhydrous; (Copper acetate)	142-71-2						06/13/02	02/12/14	02/12/14
727	Cupric nitrate hemipentahydrate	19004-19-4	170 dec					08/21/96	02/12/14	02/12/14
728	Cupric nitrite	14984-71-5						12/08/02	12/04/13	12/04/13
729	Cupric oxide	1317-38-0	1026 dec			6.4		08/07/98	02/12/14	06/06/13
730	Cyanamide	420-04-2	140 @ 19mmHg	3.75x10-3	20	1.282 @ 20°C		09/30/97	07/24/13	07/24/13
731	Cyanic acid; (Hydrogen cyanate)	420-05-3	23			1.140 @ 20°C		07/11/07	04/21/14	04/21/14
732	Cyanide	57-12-5						12/30/95	04/21/14	09/26/12
733	Cyanoacetamide	107-91-5	dec					09/30/97	02/24/16	02/24/16
734	**Cyanogen**	**460-19-5**	-21.1	750	-21.4	0.9537 @ 21°C	66000	09/30/97	02/09/15	01/21/10
735	Cyanogen bromide	506-68-3	61.6	122	25	2.015 @ 20°C		06/13/02	05/26/15	04/21/14
736	**Cyanogen chloride**	**506-77-4**	13.1	1230	25	1.186		08/07/98	04/21/14	05/29/13
737	Cyanogen iodide	506-78-5	> 45 subl	1	25.2	2.84		01/04/99	09/11/15	04/21/14

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)
738	Cyanoguanidene; (Guanidine, cyano-; Dicyandiamido)	461-58-5	84.08	mg/m^3	3.44	C2H4N4	S	209.5
739	Cyanophos	2636-26-2	243.23	mg/m^3	9.94	C9.H10.N.O3.P.S	L	14-15
740	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	129.09	mg/m^3	5.28	C3H3N3O3	S	360
741	Cyanuric chloride	108-77-0	184.41	mg/m^3	7.54	C3Cl3N3	S	146ºC
742	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	135.06	mg/m^3	5.52	C3F3N3	L	-38
743	Cyclohexane	110-82-7	84.16	ppm	3.44	C6H12	L	6.59
744	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7	346.3364	mg/m^3	14.16	C14.H22.N2.O8	S	213-216
745	Cyclohexanediamine, 1,2-	694-83-7	114.22	mg/m^3	4.67	C6.H14.N2	L	
746	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	144.24	mg/m^3	5.90	C8.H16.O2	S	41-61
747	Cyclohexanol	108-93-0	100.16	ppm	4.09	C6.H12.O	L	24
748	Cyclohexanone; (Ketohexamethylene)	108-94-1	98.14	ppm	4.01	C6H10O	L	-27.9
749	Cyclohexene	110-83-8	82.15	ppm	3.36	C6H10	L	-103.7
750	Cycloheximide	66-81-9	281.39	mg/m^3	11.50	C15.H23.N.O4	S	119-121
751	**Cyclohexyl isocyanate**	**3173-53-3**	125.19	ppm	5.12	C7.H11.N.O	S	168-170
752	Cyclohexyl methyl phosphonic acid	1932-60-1	178.17	mg/m^3	7.28	C7.H15.O3.P	S	41.2-43.8
753	**Cyclohexylamine**	**108-91-8**	99.17	ppm	4.05	C6H13N	L	-17.8
754	Cyclohexylamino)-1-propanesulfonic acid, 3-; (CAPS)	1135-40-6	221.35	mg/m^3	9.05	C9.H19.N.O3.S	S	300
755	Cyclohexylethanol, 2-	4442-79-9	128.24	mg/m^3	5.24	C8.H16.O	L	87
756	Cyclooctadiene, 1,5-	111-78-4	108.2	ppm	4.42	C8H12	L	-69
757	Cyclooctane	292-64-8	112.213	ppm	4.59	C8.H16	L	15
758	Cyclooctatetraene, 1,3,5,7-	629-20-9	104.1512	ppm	4.26	C8H8	??	-7
759	Cyclooctene, cis-	931-87-3	110.197	mg/m^3	4.50	C8.H14	L	-12

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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
738	Cyanoguanidene; (Guanidine, cyano-; Dicyandiamido)	461-58-5		3		1.4		04/14/04	10/21/13	01/17/12
739	Cyanophos	2636-26-2	119-120			1.255-1.265		12/08/02	07/14/13	09/26/12
740	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
741	Cyanuric chloride	108-77-0	194 @ 764 mmHg	2	70	1.32 @ 20°C		04/21/11	07/09/13	06/17/13
742	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	72.4			1.6		12/08/02	04/21/14	09/14/12
743	Cyclohexane	110-82-7	80.73	75	19.3	0.7739	13000	12/30/95	03/06/15	05/03/12
744	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7						10/11/05	08/02/13	12/31/11
745	Cyclohexanediamine, 1,2-	694-83-7	92-93@ 18mmHg			0.952 @ 20°C		09/05/08	07/14/13	12/31/11
746	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	274			1.0381		10/11/05	07/14/13	12/31/11
747	Cyclohexanol	108-93-0	161.5	1	21	0.962 @ 20°C		06/13/02	03/06/15	06/07/12
748	Cyclohexanone; (Ketohexamethylene)	108-94-1	155.43	7.5	36	0.9421	11000	09/30/97	07/14/13	09/14/12
749	Cyclohexene	110-83-8	83	89	25	0.8102		08/21/96	03/06/15	09/14/12
750	Cycloheximide	66-81-9		0.006	25			06/13/02	09/19/12	09/19/12
751	**Cyclohexyl isocyanate**	**3173-53-3**						09/05/08	02/12/15	02/12/15
752	Cyclohexyl methyl phosphonic acid	1932-60-1						10/11/05	07/17/13	12/31/11
753	**Cyclohexylamine**	**108-91-8**	134	7.5	22	0.8647	15000	07/09/97	06/07/12	12/31/07
754	Cyclohexylamino)-1-propanesulfonic acid, 3-; (CAPS)	1135-40-6						07/11/07	07/17/13	07/05/12
755	Cyclohexylethanol, 2-	4442-79-9	208			0.9229 @ 20°C		10/11/05	08/02/13	12/31/11
756	Cyclooctadiene, 1,5-	111-78-4	150.8			0.8818		04/14/04	03/06/15	07/17/13
757	Cyclooctane	292-64-8	151			0.836		07/11/07	11/21/13	11/21/13
758	Cyclooctatetraene, 1,3,5,7-	629-20-9	142-143	7.9	25	0.925		06/13/02	07/17/13	
759	Cyclooctene, cis-	931-87-3	142			0.8472 @ 20°C		10/11/05	07/19/13	07/19/13

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)
760	Cyclopentane	287-92-3	70.133	ppm	2.87	C5.H10	L	-93.7
761	Cyclopentanone	120-92-3	84.12	ppm	3.44	C3H8O	L	-51.3
762	Cyclopropane	75-19-4	42.09	ppm	1.72	C3.H6	G	-126.6
763	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	296.2	mg/m^3	12.11	C4.H8.N8.O8	S	279
764	Cyclotol; (RDX-TNT mixture)	8065-53-0	449.3	mg/m^3	18.36	C7.H5.N3.O6.C3.H6.N6.O6	S	
765	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	222.15	mg/m^3	9.08	C3H6N6O6	S	202
766	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6	323.23	mg/m^3	13.21	C9H14N3O8P	S	233 dec
767	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6	143.995187	mg/m^3	5.89	CH2AlNaO5	S	
768	DDD; (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	320.04	mg/m^3	13.08	C14H10Cl4	S	109.5
769	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9	318.03	mg/m^3	13.00	C14H8Cl4	S	89
770	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	354.49	mg/m^3	14.49	C14H9Cl5	S	108.5
771	Decaborane	17702-41-9	122.24	mg/m^3	5.00	B10.H14	S	99.6
772	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	252.07	ppm	10.30	C5.H2.F10	L	
773	Decahydronaphthalene, includes -cis (493-01-6) and -trans (493-02-7) isomers	91-17-8	138.25	ppm	5.65	C10.H18	L	-43
774	Decanal	112-31-2	156.3	ppm	6.39	C10.H20.O	L	-5
775	Decane	124-18-5	142.28	ppm	5.82	C10H22	L	-29.6
776	Decene, 1-, homopolymer, hydrogenated	68037-01-4		mg/m^3		[Unknown]	L	-65
777	Decyl alcohol; (1-Decanol)	112-30-1	158.32	mg/m^3	6.47	C10.H22.O	L	7
778	Demeton	8065-48-3	516.72	mg/m^3	21.12	(C8.H19.O3.P.S2)2	L	
779	Demeton-S-methyl	919-86-8	230.3	mg/m^3	9.41	C6.H15.O3.P.S2	L	
780	Deuterium	7782-39-0	4.03	ppm	0.16	D2	G	-254.43
781	Deuterochloric acid; (Deuterium chloride)	7698-05-7	37.47	ppm	1.53	D.Cl	G	-114

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
760	Cyclopentane	287-92-3	49.3	317.8	25	0.7457 @ 20°C	15000	06/13/02	03/06/15	10/05/12
761	Cyclopentanone	120-92-3	130.6	11.4	25	0.95 @ 20°C		07/11/07	07/17/13	10/05/12
762	Cyclopropane	75-19-4	-33.5	5410	25	1.879 @ 0°C	24000	12/08/02	12/11/15	12/11/15
763	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	expl @ 279					12/08/02	08/02/13	12/12/11
764	Cyclotol; (RDX-TNT mixture)	8065-53-0						12/08/02	07/17/13	07/17/13
765	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	expl	0.0004	110	1.82		03/01/00	07/17/13	07/17/13
766	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6						04/14/04	07/17/13	12/31/11
767	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6						12/08/02	11/25/13	11/25/13
768	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	12/11/15/	12/11/15
769	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
770	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	260	1.6x10-7	20	0.98-0.99		08/21/96	02/05/13	02/05/13
771	Decaborane	17702-41-9	213	0.05	25	0.94		06/13/02	11/11/13	12/31/11
772	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
773	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
774	Decanal	112-31-2	208.5	0.103	25	0.830 @ 15°C		12/08/02	03/06/15	12/31/11
775	Decane	124-18-5	174.15	1.43	25	0.7266	8000	01/04/99	03/06/15	01/09/14
776	Decene, 1-, homopolymer, hydrogenated	68037-01-4	375-->	<1	20	0.82		01/10/01	07/17/13	12/31/11
777	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
778	Demeton	8065-48-3	134 @ 2 mm			1.1183 @ 20°C		12/08/02	03/06/15	12/31/11
779	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
780	Deuterium	7782-39-0	-249.49			0.169 @ -250.9°C	50000	04/14/04	03/06/15	12/06/07
781	Deuterochloric acid; (Deuterium chloride)	7698-05-7	-85					07/11/07	08/02/13	06/12/09

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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)
782	Di(ethylene glycol) diacrylate	4074-88-8	214.24	mg/m^3	8.76	C10.H14.O5	L	
783	Di-2-ethylhexyl adipate	103-23-1	370.57	mg/m^3	15.15	C22H42O4	L	-67.8
784	Diacetoxydibutyl stannane	1067-33-0	351.05	mg/m^3	14.35	C12.H24.O4.Sn	L	10
785	Diacetoxyscirpenol; (Anguidin; mycotoxin)	2270-40-8	354.44	mg/m^3	14.49	C18H2607	S	
786	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
787	Dialifor	10311-84-9	393.846	mg/m^3	16.10	C14H17NO4PS2	S crystals	68
788	Diallyl phthalate	131-17-9	246.28	mg/m^3	10.07	C14.H14.O	L	-70
789	Diallyldimethylammonium chloride	7398-69-8	161.7	mg/m^3	6.61	C8.H16.N.Cl	S crystals	
790	Diallyldimethylammonium chloride polymer	26062-79-3		mg/m^3		(C8.H16.N.Cl)x	S	
791	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	
792	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	200.26	mg/m^3	8.18	C12.H12.N2.O	S	187
793	Diaminodiphenylsulfone; (Dapsone, 4,4'-Sulfonyldianiline)	80-08-0	248.32	mg/m^3	10.15	C12.H12.N2.O2.S	L	176
794	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	131.26	ppm	5.36	C6.H17.N3	L	-14.5
795	Diaminopyridine, 2,6-	141-86-6	109.15	mg/m^3	4.46	C5.H7.N3	S	121.5
796	Diammonium dimolybdate; (Ammonium molybdenum oxide)	27546-07-2	337.9135	mg/m^3	13.81	H4.Mo2.N.O8	S	
797	Diammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8	124.12	mg/m^3	5.07	C2H8N2O4	S	dec
798	Diammonium sulfide; (Ammonium sulfide)	12135-76-1	68.14	ppm	2.78	H8N2S	L	decom
799	Diamond	7782-40-3	12.01	mg/m^3	0.49	C	S	4440 @ 12.4 Gpa
800	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
801	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	112.2	mg/m^3	4.59	C6.H12.N2	S hygr.	158
802	Diazabicyclo(5.4.0)undec-7-ene, 1,8-	6674-22-2	152.24	mg/m^3	6.22	C9.H16.N2	L	-70

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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
782	Di(ethylene glycol) diacrylate	4074-88-8	200			1.118		07/11/07	08/02/13	12/31/11
783	Di-2-ethylhexyl adipate	103-23-1	214 @ 5 mmHg	8.5x10-7	20	0.922	4000	09/30/97	02/24/16	02/24/16
784	Diacetoxydibutyl stannane	1067-33-0	130	1.3	20	1.31		10/11/05	07/10/14	07/10/14
785	Diacetoxyscirpenol; (Anguidin; mycotoxin)	2270-40-8						01/19/15		
786	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	63ºC @ 21 mmHg			1.18		12/08/02	10/31/14	06/07/12
787	Dialifor	10311-84-9		6.2E-08	25			12/08/02	08/02/13	07/05/12
788	Diallyl phthalate	131-17-9	157	2.4	150	1.120 @ 20°C		04/14/04	08/02/13	06/07/12
789	Diallyldimethylammonium chloride	7398-69-8						07/11/07	08/02/13	03/06/12
790	Diallyldimethylammonium chloride polymer	26062-79-3						04/14/04	08/02/13	12/31/11
791	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
792	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	>300	0.0000003	25			06/13/02	08/02/13	08/02/13
793	Diaminodiphenylsulfone; (Dapsone, 4,4'-Sulfonyldianiline)	80-08-0						04/14/04	12/11/15	12/11/15
794	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	235			0.938		10/11/05	08/02/13	12/31/11
795	Diaminopyridine, 2,6-	141-86-6	285					07/11/07	08/02/13	12/31/11
796	Diammonium dimolybdate; (Ammonium molybdenum oxide)	27546-07-2						07/11/07	04/10/14	12/31/11
797	Diammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8				1.5		08/07/98	08/03/13	07/19/13
798	Diammonium sulfide; (Ammonium sulfide)	12135-76-1	104					06/13/02	03/06/15	06/04/13
799	Diamond	7782-40-3				3.513		10/11/05	10/11/05	12/31/11
800	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0		8.80E-09	25			06/13/02	11/21/13	11/21/13
801	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	174					10/11/05	08/03/13	08/03/13
802	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

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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)
803	Diazoacetic acid, ethyl ester; (Ethyl diazoacetate)	623-73-4	114.12	mg/m^3	4.66	C4.H6.N2.O2	L	-22
804	Diazomethane	334-88-3	42.04	ppm	1.72	CH2N2	G	-145
805	Dibenza(a,h)anthracene	53-70-3	278.35	mg/m^3	11.38	C22H14	S	266.8
806	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
807	Dibenzofuran	132-64-9	168.2	mg/m^3	6.87	C12.H8.O	S	86.5
808	Dibenzo-p-dioxin	262-12-4	184.2	mg/m^3	7.53	C12.H8.O2	S	119
809	**Diborane**	**19287-45-7**	27.67	ppm	1.13	B2H6	G	-164.85
810	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	236.33	ppm	9.66	C3H5Br2Cl	L	5
811	Dibromo-4-nitrophenol, 2,6-	99-28-5	296.9	ppm	12.13	C6H3Br2NO3	S	145 dec
812	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	208.28	mg/m^3	8.51	CHBr2Cl	L	-20
813	Dibromohexane, 1,6-	629-03-8	244	mg/m^3	9.97	C6.H12.Br	L	-1.2
814	Dibromomethane; (Methylene dibromide)	74-95-3	173.85	ppm	7.11	CH2Br2	L	-52.7
815	Dibromophenol, 2,6-	608-33-3	251.91	mg/m^3	10.30	C6-H4-Br2-O		
816	Dibromopropane, 1,3-	109-64-8	201.91	mg/m^3	8.25	C3H6Br2	L	-34.5
817	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	259.84	ppm	10.62	C2.Br2.F4	L	-112
818	Dibutyl (2-ethylhexyl)phosphate	z-0011	322.43	ppm	13.18	[Unknown]		
819	Dibutyl butylphosphonate	78-46-6	250.36	ppm	10.23	C12.H27.O3.P	L	
820	Dibutyl peroxide, tert-	110-05-4	146.26	ppm	5.98	C8.H18.O2	L	-40
821	Dibutyl phosphate	107-66-4	210.2	ppm	8.59	C8H19O4P	L	-13
822	Dibutyl phosphite	1809-19-4	194.24	mg/m^3	7.94	C8.H19.O3.P	L	
823	Dibutyl phthalate	84-74-2	278.34	mg/m^3	11.38	C16H22O4	L	-35
824	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

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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
803	Diazoacetic acid, ethyl ester; (Ethyl diazoacetate)	623-73-4	141 @ 720 mm			1.085		07/11/07	10/09/13	08/03/13
804	Diazomethane	334-88-3	-23			1.45		09/30/97	01/26/13	06/12/12
805	Dibenza(a,h)anthracene	53-70-3	524			1.282		12/30/95	08/03/13	12/31/11
806	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4						06/13/02	10/25/13	12/13/11
807	Dibenzofuran	132-64-9	287	0.0044	25	1.0866 @ 99°C		06/13/02	06/24/14	12/31/11
808	Dibenzo-p-dioxin	262-12-4		4.10E-04	25			06/13/02	06/24/14	12/31/11
809	**Diborane**	**19287-45-7**	-92.49	750	-92.6	1.131	8000	12/30/95	03/02/15	08/27/14
810	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
811	Dibromo-4-nitrophenol, 2,6-	99-28-5						12/08/02	08/03/13	12/31/11
812	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	120	5.54	25	2.451 @ 20°C		09/30/97	08/03/13	09/19/12
813	Dibromohexane, 1,6-	629-03-8	245.5			1.6025		07/11/07	08/03/13	12/31/11
814	Dibromomethane; (Methylene dibromide)	74-95-3	97	44.4	25	2.497 @ 20°C		01/04/99	06/08/12	06/08/12
815	Dibromophenol, 2,6-	608-33-3						12/08/02	12/04/13	12/04/13
816	Dibromopropane, 1,3-	109-64-8	166.5	1.36	25	1.977		01/04/99	08/03/13	06/08/12
817	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	47.3			2.149		06/13/02	08/03/13	12/31/11
818	Dibutyl (2-ethylhexyl)phosphate	z-0011						12/08/02	02/06/14	02/06/14
819	Dibutyl butylphosphonate	78-46-6	160-162			0.948 @ 20°C		12/08/02	12/13/13	12/31/11
820	Dibutyl peroxide, tert-	110-05-4	111	25.1	25	0.791		12/08/02	03/06/15	12/31/11
821	Dibutyl phosphate	107-66-4	135-8 @ 0.05mm	3.8x10-5	25	1.06 @ 20°C		08/07/98	04/14/16	04/14/16
822	Dibutyl phosphite	1809-19-4	95 @1 mm	1	95	0.986		06/13/02	05/12/15	05/12/15
823	Dibutyl phthalate	84-74-2	340	7.5x10-2	104	1.0465 @ 20°C	5000	12/30/95	12/11/15	12/11/15
824	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4				0.815		07/11/07	10/21/13	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)
825	Dibutylhexamethylenediamine, N,N'-	4835-11-4	228.48	mg/m^3	9.34	C14.H32.N2	L	
826	Dibutyltin dilaurate; (Dibutylbis(lauroyloxy)stannane)	77-58-7	631.65	mg/m^3	25.82	C32.H64.O4.Sn	L	23
827	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
828	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
829	Dichloro-2-butene, 1,4-	764-41-0	125	ppm	5.11	C4H6Cl2	L	3.5
830	Dichloro-2-propanol, 1,3-	96-23-1	128.99	ppm	5.27	C3.H6.Cl2.O	L	-4
831	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2	255.03	mg/m^3	10.42	C8.H3.Cl2.F3.N2	S	212-214
832	Dichloroacetic acid	79-43-6	128.95	ppm	5.27	C2.Cl2.H2.O2	L	10
833	**Dichloroacetyl chloride**	**79-36-7**	147.38	ppm	6.02	C2.H.Cl3.O	L	
834	Dichloroacetylene	7572-29-4	94.92	ppm	3.88	C2.Cl2	L	-65
835	Dichloroamine; (Chlorimide)	3400-09-7	85.92	ppm	3.51	Cl2.H.N	L	
836	Dichlorobenzene, m-	541-73-1	147	ppm	6.01	C6H4Cl2	L	-24.8
837	Dichlorobenzene, o-	95-50-1	147	ppm	6.01	C6H4Cl2	L	-17
838	Dichlorobenzene, p-	106-46-7	147	ppm	6.01	C6H4Cl2	S	53.09
839	Dichlorobenzidene, 3,3'-	91-94-1	253.13	ppm	10.35	C12H10Cl2N2	S	132.5
840	Dichlorocyclohexane, 1,1-	2108-92-1	153.05	ppm	6.26	C6.H10.Cl2		
841	Dichlorocyclohexane, trans-1,2-	822-86-6	153.05	ppm	6.26	C6H10Cl2	L	
842	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	120.91	ppm	4.94	CCl2F2	G	-157.1
843	Dichloroethanol acetate, 1,2-	10140-87-1	157	ppm	6.42	C4.H6.Cl2.O2	L	<-32
844	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane; Bis(2-chloroethyl)ether)	111-44-4	143.01	ppm	5.85	C4H8Cl2O	L	-51.9
845	Dichloroethylaluminum	563-43-9	126.95	mg/m^3	5.19	C2.H5.Al.Cl2	S fuming	32

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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
825	Dibutylhexamethylenediamine, N,N'-	4835-11-4	205	0.0004	25			12/08/02	08/03/13	12/31/11
826	Dibutyltin dilaurate; (Dibutylbis(lauroyloxy)stannane)	77-58-7	205 @ 10 mmHg			1.06 @ 20°C		03/22/10	07/03/14	07/03/14
827	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9		0.16mPa	20			06/13/02	07/04/13	12/08/11
828	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
829	Dichloro-2-butene, 1,4-	764-41-0	158	3	25	1.185 No temp		12/30/95	03/06/15	06/17/13
830	Dichloro-2-propanol, 1,3-	96-23-1	174	1	28	1.367 @ 20°C		10/11/05	08/03/13	12/31/11
831	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2		0.00004	22.5	3.49		12/08/02	10/08/12	10/08/12
832	Dichloroacetic acid	79-43-6	194	1	44	1.5634 @ 20°C		10/11/05	03/06/15	10/18/13
833	**Dichloroacetyl chloride**	**79-36-7**	108			15315 @ 16°C		10/11/05	08/27/15	08/17/07
834	Dichloroacetylene	7572-29-4	33			1.26		12/08/02	08/03/13	07/04/13
835	Dichloroamine; (Chlorimide)	3400-09-7				1.2		06/13/02	11/19/14	07/04/13
836	Dichlorobenzene, m-	541-73-1	173	0.75	8	1.2884 @ 20°C		12/30/95	03/06/15	07/13/13
837	Dichlorobenzene, o-	95-50-1	180	0.75	16.3	1.3059 @ 20°C	22000	12/30/95	03/06/15	09/19/12
838	Dichlorobenzene, p-	106-46-7	174	0.75	8	1.2475 @ 55°C		12/30/95	03/06/15	06/18/13
839	Dichlorobenzidene, 3,3'-	91-94-1	402					10/31/92	06/18/13	06/18/13
840	Dichlorocyclohexane, 1,1-	2108-92-1						12/08/02	11/14/14	12/04/13
841	Dichlorocyclohexane, trans-1,2-	822-86-6						03/01/00	11/14/14	11/14/14
842	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
843	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
844	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
845	Dichloroethylaluminum	563-43-9	194			1.222		12/08/02	02/27/14	09/19/12

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846	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	175.06	mg/m^3	7.15	C8H8Cl2	L	<70
847	Dichloroethylene, 1,2-	540-59-0	96.95	ppm	3.96	C2H2Cl2	L	-50
848	**Dichloroethylene, cis-1,2-**	**156-59-2**	96.94	ppm	3.96	C2H2Cl2	L	-80
849	**Dichloroethylene, trans-1,2-**	**156-60-5**	96.94	ppm	3.96	C2H2Cl2	L	-49.8
850	Dichlorofluoromethane; (Freon 21, CFC 21)	75-43-4	102.92	ppm	4.21	CHCl2F	G	-130.4
851	Dichlorohexane, 1,2-	2162-92-7	155.07	ppm	6.34	C6.H12.Cl2		
852	Dichlorohexane, 1,6-	2163-00-0	155.07	ppm	6.34	Cl.(C.H2)8.Cl	L	
853	Dichloroisopropyl ether	108-60-1	171.06	ppm	6.99	C6H12Cl2O	L	-96.8 to -101.8
854	Dichloromethane-d2	1665-00-5	86.94	ppm	3.55	C.D2.Cl2	L	-97
855	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	173.05	ppm	7.07	C5.H10.Cl2.O2	L	-32.8
856	**Dichloromethyl ether; (bis(Chloromethyl)ether)**	**542-88-1**	114.96	ppm	4.70	C2H4Cl2O	L	-41.5
857	Dichloromethylphenylsilane	149-74-6	191.14	ppm	7.81	C7.H8.Cl2.Si	L	
858	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	116.9145	ppm	4.78	C.H3.Cl2.P	L	
859	Dichlorooctane, 1,8-	2162-99-4	183.12	mg/m^3	7.48	C8.H16.Cl2	L	
860	Dichlorophene	97-23-4	269.13	mg/m^3	11.00	C13H10Cl2O2	S	178
861	**Dichlorophenol, 2,4-**	**120-83-2**	163	ppm	6.66	C6H4Cl2O	S	45
862	Dichlorophenol, 2,6-	87-65-0	163	mg/m^3	6.66	C6H4Cl2O	S	68.5
863	Dichlorophenoxyacetic acid, 2,4-; (2,4-D)	94-75-7	221.04	mg/m^3	9.03	C8H6Cl2O3	S	140.5
864	Dichloropropane, 1,1-	78-99-9	112.99	ppm	4.62	C3H6Cl2	L	
865	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	112.99	ppm	4.62	C3H6Cl2	L	-100.4
866	Dichloropropane, 1,3-	142-28-9	112.99	ppm	4.62	C3H6Cl2	L	-99.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
846	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	220-224			1.208		09/30/97	02/13/16	12/31/11
847	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
848	**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
849	**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
850	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
851	Dichlorohexane, 1,2-	2162-92-7						12/08/02	08/20/14	12/04/13
852	Dichlorohexane, 1,6-	2163-00-0	87-90 @ 15 mm			1.068		07/22/08	03/06/15	08/20/14
853	Dichloroisopropyl ether	108-60-1	187	0.75	27.3	1.103 @ 20°C		12/30/95	03/06/15	12/31/11
854	Dichloromethane-d2	1665-00-5	40			1.325		07/11/07	03/06/15	06/11/09
855	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
856	**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
857	Dichloromethylphenylsilane	149-74-6	205			1.18 @ 20°C		06/13/02	10/25/13	06/03/13
858	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	80-81 @ 729 mm			1.3		04/14/04	11/21/13	11/21/13
859	Dichlorooctane, 1,8-	2162-99-4	115-116 @ 11 mm			1.025		07/22/08	08/13/13	08/13/13
860	Dichlorophene	97-23-4		9.75x10-11	25			01/04/99	08/12/13	12/31/11
861	**Dichlorophenol, 2,4-**	**120-83-2**	210	0.09	25			12/30/95	11/11/13	
862	Dichlorophenol, 2,6-	87-65-0	220	0.033	25	1.653 @ 20°C		12/30/95	12/04/13	12/31/11
863	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
864	Dichloropropane, 1,1-	78-99-9	88.1	65.9	25	1.1321 @ 20°C		06/13/02	03/06/15	12/31/11
865	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
866	Dichloropropane, 1,3-	142-28-9	120.9	18.2	25	1.1876		09/30/97	03/06/15	06/03/13

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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)
867	Dichloropropane, 2,2-	594-20-7	112.99	ppm	4.62	C3H6Cl2	L	-33.9
868	Dichloropropene, 1,1-	563-58-6	110.97	ppm	4.54	C3H4Cl2		
869	Dichloropropene, 1,2-; (including cis- isomer, 6923-20-2)	563-54-2	110.97	ppm	4.54	C3H4Cl2	L	
870	Dichloropropene, 1,3-; (including cis- and trans- isomers)	542-75-6	110.97	ppm	4.54	C3H4Cl2	L	<-50
871	Dichloropropene, 2,3-	78-88-6	110.97	ppm	4.54	C3.H4.Cl2	L	10
872	**Dichlorosilane**	**4109-96-0**	101.01	ppm	4.13	Cl.H2.Si	G	-122
873	Dichlorotetrafluoroethane	1320-37-2	170.92	ppm	6.99	C2.Cl2.F4	G	-94
874	Dichlorotetrafluoroethane, 1,2-; (Freon 114, CFC 114)	76-14-2	170.92	ppm	6.99	C2Cl2F4	G	-93.9
875	Dichlorovos; (Dichlorvos)	62-73-7	220.98	mg/m^3	9.03	C4H7Cl2O4P	L	< -60
876	Dicrotophos	141-66-2	237.22	mg/m^3	9.70	C8.H16.N.O5.P	L	
877	Dicyclohexano-18-crown-6	16069-36-6	372.56	mg/m^3	15.23	C20H36O6	S wax	38-54
878	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	166.3	mg/m^3	6.80	C6.H11.C6.H11	L	3.4
879	Dicyclohexylcarbodiimide	538-75-0	206.37	mg/m^3	8.43	C13.H22.N2	S	34.5
880	**Dicyclopentadiene**	**77-73-6**	132.22	ppm	5.40	C10.H12	L	32.9
881	Didecyldimethylammonium chloride	7173-51-5	362.16	mg/m^3	14.80	C22.H48.N.Cl		
882	Dieldrin	60-57-1	380.91	mg/m^3	15.57	C12H8Cl6O	S	175.5
883	Diesel fuels; (includes 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	
884	Diethanolamine	111-42-2	105.14	mg/m^3	4.30	C4H11NO2	S or L	28
885	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7		mg/m^3		(C10H12C10H10C8H8)x	S	
886	Diethoxydimethylsilane	78-62-6	148.31	ppm	6.06	C6H16O2Si	L	
887	Diethyl (methylthiomethyl) phosphonate	28460-01-7	198.22	ppm	8.10	C6.H15.O3.P.S	L	
888	Diethyl carbonate	105-58-8	118.15	ppm	4.83	C5.H10.O3	L	-43

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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
867	Dichloropropane, 2,2-	594-20-7	69.3			1.1136 @ 20°C		09/30/97	03/06/15	06/03/13
868	Dichloropropene, 1,1-	563-58-6	76.5			1.1864		09/30/97	03/22/16	12/31/11
869	Dichloropropene, 1,2-; (including cis- isomer, 6923-20-2)	563-54-2	75	90.8	20	1.1818 @ 20°C		09/30/97	02/13/16	12/31/11
870	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
871	Dichloropropene, 2,3-	78-88-6	94	61.2	25	1.211 @ 20°C	26000	06/13/02	08/21/14	12/09/11
872	**Dichlorosilane**	**4109-96-0**	8.3				41000	12/08/02	02/12/15	04/20/07
873	Dichlorotetrafluoroethane	1320-37-2	4.1			1.5312		10/11/05	09/23/14	06/06/13
874	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
875	Dichlorovos; (Dichlorvos)	62-73-7	120 @ 14 mm	1.58x10-2	25	1.42		09/30/97	02/13/16	12/31/11
876	Dicrotophos	141-66-2	400	0.000086	20	1.216 @ 15°C		12/08/02	10/01/13	10/01/13
877	Dicyclohexano-18-crown-6	16069-36-6	344					08/07/98	04/04/16	12/07/11
878	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	227			0.864	7000	07/11/07	09/14/15	09/14/15
879	Dicyclohexylcarbodiimide	538-75-0						10/11/05	08/12/13	12/12/11
880	**Dicyclopentadiene**	**77-73-6**	166.6	10	47.6	0.976 @ 35°C	8000	06/13/02	08/12/13	02/27/08
881	Didecyldimethylammonium chloride	7173-51-5						09/05/08	08/12/13	12/31/11
882	Dieldrin	60-57-1		5.89x10-6	25	1.75		12/30/95	08/12/13	12/31/11
883	Diesel fuels; (includes 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
884	Diethanolamine	111-42-2	268.8	7.5x10-3	53	1.0966 @ 20°C	16000	09/30/97	09/27/12	09/27/12
885	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7						08/07/98	04/04/16	04/04/16
886	Diethoxydimethylsilane	78-62-6	114	10	13.3	0.86		03/01/00	03/06/15	12/31/11
887	Diethyl (methylthiomethyl) phosphonate	28460-01-7						04/14/04	10/25/13	08/12/13
888	Diethyl carbonate	105-58-8	126	10.8	25	0.9752 @ 20°C		07/11/07	03/06/15	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)
889	Diethyl chlorophosphate	814-49-3	172.56	mg/m^3	7.05	C4.H10.Cl.O3.P	L/S	
890	Diethyl ethylphosphonate	78-38-6	166.16	mg/m^3	6.79	C6H15O3P	L	
891	Diethyl malonate; (Ethyl malonate)	105-53-3	160.19	ppm	6.55	C7.H12.O4	L	-49.8
892	Diethyl mercury	627-44-1	258.71	mg/m^3	10.57	C4H10Hg		
893	Diethyl methylphosphonate; (DEMP)	683-08-9	152.15	mg/m^3	6.22	C5H13O3P		X
894	Diethyl oxalate	95-92-1	146.16	mg/m^3	5.97	C6.H10.O4	L	-40.6
895	Diethyl phosphite	762-04-9	138.12	mg/m^3	5.65	C4.H11.O4.P	L	
896	Diethyl phthalate; (Ethyl phthalate)	84-66-2	222.24	mg/m^3	9.08	C12H14O4	L	-40.5
897	Diethyl pyrocarbonate	1609-47-8	162.16	mg/m^3	6.63	C6.H10.O5	L	
898	Diethyl sulfate	64-67-5	154.19	ppm	6.30	C4H10O4S	L	-24
899	Diethyl tartrate	87-91-2	206.19	mg/m^3	8.43	C8.H14.O6	L	18.7
900	Diethyl telluride	627-54-3	185.72	mg/m^3	7.59	C4.H10.Te	S	137.5
901	Diethyl trichloromethylphosphonate	866-23-9	255.47	mg/m^3	10.44	C5.H10.Cl3.O3.P	L	
902	Diethylamine	109-89-7	73.16	ppm	2.99	C4H11N	L	-49.8
903	Diethylaminoacetone	1620-14-0	129	ppm	5.27	C7H15NO		
904	Diethylaminopropylamine	104-78-9	130.27	mg/m^3	5.32	C7.H18.N2	L	
905	Diethylaniline, N,N-	91-66-7	149.23	mg/m^3	6.10	C10H15N	L	-38.8
906	**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
907	**Diethyldichlorosilane**	**1719-53-5**	157.13	ppm	6.42	C4.H10.Cl2.Si	L	-98.5
908	Diethylene glycol	111-46-6	106.14	ppm	4.34	C4H10O3	L	-10.4
909	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	220.36	mg/m^3	9.01	C10.H24.N2.O3	L	
910	Diethylene glycol diacetate; (2,2'-Oxybisethanol diacetate)	628-68-2	190.22	mg/m^3	7.77	C8H14O5	S	18

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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
889	Diethyl chlorophosphate	814-49-3	88-90 @ 15 mm			1.21 @ 20°C		06/13/02	09/27/12	09/27/12
890	Diethyl ethylphosphonate	78-38-6	198			1.0259 @ 20°C		01/04/99	08/12/13	12/31/11
891	Diethyl malonate; (Ethyl malonate)	105-53-3	198.9	1	40	1.055 @ 20°C		04/14/04	03/06/15	12/31/11
892	Diethyl mercury	627-44-1	159			2.43 @ 20°C		09/30/97	05/06/14	05/06/14
893	Diethyl methylphosphonate; (DEMP)	683-08-9	194			1.04 @ 30°C		03/01/00	08/12/13	12/31/11
894	Diethyl oxalate	95-92-1	185.4	1	47	1.079 @ 20°C		04/14/04	08/12/13	12/31/11
895	Diethyl phosphite	762-04-9	187-188			1.074 @ 20°C		10/11/05	08/12/13	12/31/11
896	Diethyl phthalate; (Ethyl phthalate)	84-66-2	295	7.5x10-3	12	1.232 @ 14°C	7000	12/30/95	12/11/15	12/11/15
897	Diethyl pyrocarbonate	1609-47-8	160-163			1.12		07/11/07	08/12/13	12/31/11
898	Diethyl sulfate	64-67-5	208	0.75	36	1.172		09/30/97	03/06/15	08/12/13
899	Diethyl tartrate	87-91-2	280			1.24		07/11/07	08/12/13	12/31/11
900	Diethyl telluride	627-54-3				1.5182 @ 15°C		08/17/07	08/13/13	07/09/12
901	Diethyl trichloromethylphosphonate	866-23-9	130-131 @ 14 mm			1.362		07/22/08	08/13/13	12/31/11
902	Diethylamine	109-89-7	55.5	237	25	1.39 @ 20°C	18000	08/07/98	08/13/13	05/03/12
903	Diethylaminoacetone	1620-14-0						12/08/02	05/13/15	11/25/13
904	Diethylaminopropylamine	104-78-9	165-170			0.82		07/11/07	03/06/15	12/31/11
905	Diethylaniline, N,N-	91-66-7	216.3	7.5x10-2	14	0.9307 @ 20°C		09/30/97	02/13/16	12/31/11
906	**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
907	**Diethyldichlorosilane**	**1719-53-5**	129 dec	40.4	48.1	1.0504 @ 20°C		09/05/08	02/12/15	05/19/07
908	Diethylene glycol	111-46-6	244-245	0.0057	25	1.12 @ 15°C	16000	08/07/98	08/13/13	07/12/12
909	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	147			1.005		04/14/04	08/13/13	12/31/11
910	Diethylene glycol diacetate; (2,2'-Oxybisethanol diacetate)	628-68-2	200			1.1068		03/01/00	08/13/13	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)
911	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	134.48	ppm	5.50	C6.H14.O3	L	-68
912	Diethylene glycol hexyl ether; (n-Hexyl carbitol)	112-59-4	190.32	mg/m^3	7.78	C10.H22.03	L	-33.3
913	Diethylenetriamine	111-40-0	103.2	ppm	4.22	C4H13N3	L	-39
914	Diethylenetriaminepentaacetic acid	67-43-6	393.35	mg/m^3	16.08	C14H23N3O10	S	219
915	Diethylenylbenzene; (Vinylstyrene) (m-Divinylbenzene, 108-57-6)	1321-74-0	130.2	ppm	5.32	C10H10	L	-67
916	Diethylethanolamine, N,N-; (Diethylaminoethanol)	100-37-8	117.22	ppm	4.79	C6.H15.N.O.	L hygr	-70
917	Diethylphosphatoethyltriethoxy silane	757-44-8	328.47	mg/m^3	13.43	C12.H29.O6.P.Si	S	
918	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
919	Diethylthiourea, N,N'-	105-55-5	132.25	mg/m^3	5.41	C5H12N2S	S	77
920	Diethylurea, 1,3-	623-76-7	116.19	ppm	4.75	C5.H12.N2.O	S	112.5
921	Diethylzinc	557-20-0	123.51	ppm	5.05	(C2.H5)2.Zn	L	-28
922	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	66.06	ppm	2.70	C2.H4.F2	L	-117
923	Digitoxin	71-63-6	765.05	mg/m^3	31.27	C41.H64.O13	S	256-257
924	Diglycidyl ether	2238-07-5	130.16	ppm	5.32	C6.H10.O3	L	
925	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	176.21	mg/m^3	7.20	C8H16O4	L	-25
926	Digoxin	20830-75-5	781.05	mg/m^3	31.92	C41.H64.O14	S	265 dec
927	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6	363.48	mg/m^3	14.86	C18H38NO4P	S	
928	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	86.1	mg/m^3	3.52	C4.H6.O2	L	-44
929	Dihydro-2H-pyran, 3,4-	110-87-2	84.13	ppm	3.44	O.(C.H2)3.C.H.C.H	L mobile	
930	Dihydro-3-(nonenyl)-2,5-furandione	28928-97-4	226.32	mg/m^3	9.25	C13.H20.O3	S	
931	Dihydro-4-methyl furan, 2,3-	34314-83-5	84.12	mg/m^3	3.44	C5.H8.O	L	
932	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1	409.82	mg/m^3	16.75	Cl6H2Pt	S	60

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
911	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	162			0.9451		04/14/04	03/06/15	12/31/11
912	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
913	Diethylenetriamine	111-40-0	207	0.22	20	0.9586 @ 20°C	20000	01/04/99	03/06/15	09/27/12
914	Diethylenetriaminepentaacetic acid	67-43-6						07/09/97	02/04/16	12/31/11
915	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
916	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
917	Diethylphosphatoethyltriethoxy silane	757-44-8	141 @ 2MM			1.031		10/11/05	08/13/13	12/31/11
918	Diethylstilbestrol; ((E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol)	56-53-1						06/13/02	08/13/13	07/09/12
919	Diethylthiourea, N,N'-	105-55-5	dec					01/04/99	08/13/13	11/16/12
920	Diethylurea, 1,3-	623-76-7	263					12/08/02	03/06/15	12/31/11
921	Diethylzinc	557-20-0	118	20.8	25	1.187 @ 18°C		12/08/02	03/16/15	03/16/15
922	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	-26.5	4550	25	0.896		06/13/02	03/06/15	
923	Digitoxin	71-63-6						12/08/02	01/30/15	01/30/15
924	Diglycidyl ether	2238-07-5	260	0.09	25	1.262 @ 50°C		12/08/02	08/13/13	12/31/11
925	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	218.5	7.5x10-2	10.6	1.0096 @ 20°C	10000	09/30/97	02/13/16	02/13/16
926	Digoxin	20830-75-5						12/08/02	03/12/15	03/12/15
927	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
928	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	203-204			1.41 @ 0°C		12/08/02	03/06/15	11/16/12
929	Dihydro-2H-pyran, 3,4-	110-87-2	86-87			0.922 @ 19°C		10/11/05	11/21/13	11/21/13
930	Dihydro-3-(nonenyl)-2,5-furandione	28928-97-4	325			1.08		10/11/05	08/13/13	12/31/11
931	Dihydro-4-methyl furan, 2,3-	34314-83-5						03/01/00	04/30/15	08/13/13
932	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1				2.431		07/09/97	02/04/16	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)
933	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
934	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	88.12	ppm	3.60	C4.H8.O2	L	7
935	Dihydroxyanthraquinone, 1,8-; (Dantron)	117-10-2	240.22	mg/m^3	9.82	C14H8O4	S	193
936	Dihydroxybenzoic acid, 2,4-	89-86-1	154.13	mg/m^3	6.30	C7.H6.O4	S	218-219
937	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
938	Diiodomethane; (Methylene iodide)	75-11-6	267.83	mg/m^3	10.95	C.H2.I2	L	5 to 6
939	Diisoamylamine	544-00-3	157.297	ppm	6.43	C10H23N	L	-44
940	Diisobutyl ketone	108-83-8	142.27	ppm	5.81	C9.H18.O	L	
941	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	142.25	ppm	5.81	[(C.H3)2.C.H.C.H2]2.Al.H	L	-80
942	Diisobutylamine	110-96-3	129.28	ppm	5.28	C8.H10.N	L	-70
943	Diisooctyl acid phosphate	27215-10-7	322.48	mg/m^3	13.18	C16.H35.O4.P	S	
944	Diisopropyl methylphosphonate	1445-75-6	180.18	mg/m^3	7.36	C7H17O3P	L	
945	Diisopropyl peroxydicarbonate	105-64-6	206.22	mg/m^3	8.43	C8.H14.O6	S	36016
946	Diisopropylamine	108-18-9	101.22	ppm	4.14	C6H15N	L	-61
947	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1	200.18	mg/m^3	8.18	C8H19Cl2N	S	
948	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	145.28	mg/m^3	5.94	C8H19NO		
949	Diisopropylaniline, 2,6-	24544-04-5	177.32	mg/m^3	7.25	C12.H19.N	L	-45
950	Diisopropylbenzene, 1,3-	99-62-7	162.3	mg/m^3	6.63	C12.H18	L	-61
951	Diisopropylethylamine, N,N-	7087-68-5	129.24	ppm	5.28	C8.H19.N	L	<-50
952	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	184.17	mg/m^3	7.53	C6.H14.F.O3.P	S	-82
953	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	212.36	mg/m^3	8.68	C16H20	S	
954	**Diketene; (Ketene dimer)**	**674-82-8**	84.07	ppm	3.44	C4H4O2	L	-6.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
933	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
934	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
935	Dihydroxyanthraquinone, 1,8-; (Dantron)	117-10-2	subl	8.6x10-10	25			01/04/99	08/13/13	12/31/11
936	Dihydroxybenzoic acid, 2,4-	89-86-1						10/11/05	08/13/13	06/08/12
937	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0						10/11/05	08/13/13	12/31/11
938	Diiodomethane; (Methylene iodide)	75-11-6	181			3.33 @ 15°C		04/14/04	08/13/13	08/13/13
939	Diisoamylamine	544-00-3	188			0.7672 @ 21°C		07/11/07	10/21/13	08/14/13
940	Diisobutyl ketone	108-83-8	166			0.81	8000	04/14/04	08/14/13	09/27/12
941	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	140 @ 4 mm			0.798		07/11/07	02/27/14	12/31/11
942	Diisobutylamine	110-96-3	139	7.27	25	0.745 @ 20°C		06/13/02	08/14/13	12/31/11
943	Diisooctyl acid phosphate	27215-10-7		4.70E-08	25			09/17/07	10/31/14	10/31/14
944	Diisopropyl methylphosphonate	1445-75-6	121.05	0.28	25	0.976 No temp		07/09/97	02/04/16	02/04/16
945	Diisopropyl peroxydicarbonate	105-64-6	17.2			1.080 @ 15°C		12/08/02	08/14/13	12/31/11
946	Diisopropylamine	108-18-9	83-84	79.4	25	0.715 @ 20°C	11000	03/01/00	08/14/13	05/04/12
947	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1						01/10/01	08/14/13	12/31/11
948	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	190			0.826		03/01/00	08/14/13	12/31/11
949	Diisopropylaniline, 2,6-	24544-04-5	257			0.94		07/11/07	08/14/13	12/31/11
950	Diisopropylbenzene, 1,3-	99-62-7	203.2	1	34.7	0.856		07/11/07	11/13/13	11/13/13
951	Diisopropylethylamine, N,N-	7087-68-5	126.5			0.742		10/11/05	03/05/15	03/05/15
952	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
953	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	290-299	0.0005	25	0.96		01/04/99	08/14/13	12/31/11
954	**Diketene; (Ketene dimer)**	**674-82-8**	126.1	7.5	19.3	1.0877 @ 20°C		11/30/92	10/09/15	10/09/15

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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)
955	Dilauroyl peroxide	105-74-8	398.7	mg/m^3	16.30	C24.H46.O4	S	49
956	Dimefox; (bis(Dimethylamido)fluorophosphate)	115-26-4	154.15	mg/m^3	6.30	C4.H12.F.N2.O.P	L	
957	Dimethoate	60-51-5	229.27	mg/m^3	9.37	C3.H12.N.O3.P.S2	S	51-52
958	Dimethoxybenzene, 1,3-	151-10-0	138.18	mg/m^3	5.65	C8.H10.02	L	-52
959	Dimethoxybenzene, o-	91-16-7	138.18	mg/m^3	5.65	C8.H10.O2	S	22.5
960	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4	244.29	mg/m^3	9.98	C14H16N2O2	S	137
961	Dimethoxybutane, 1,3-	10143-66-5	118.2	ppm	4.83	C6.H14.O2	L	
962	Dimethoxybutane, 2,2-	3453-99-4	118.18	ppm	4.83	C.C.(C.H3.O)2.C.C	L	
963	Dimethoxydiphenylsilane	6843-66-9	244.39	mg/m^3	9.99	C14.H16.O2.Si	S	
964	Dimethoxyethane, 1,2-	110-71-4	90.14	ppm	3.68	C4H10O2	L	-69.2
965	Dimethoxypropane, 2,2-	77-76-9	104.15	ppm	4.26	C5.H12.O2	L	-47
966	Dimethyl butane, 2,2-	75-83-2	86.2	ppm	3.52	C6H14	L	-98.2
967	Dimethyl carbamoyl chloride	79-44-7	107.54	ppm	4.40	C3H6ClNO	L	-33
968	Dimethyl carbonate	616-38-6	90.09	ppm	3.68	C3.H6.O3	L	0.5
969	Dimethyl cyclopentanol, 1,3-	19550-46-0	114.187	mg/m^3	4.67	C7.H14.O	L	
970	**Dimethyl disulfide**	**624-92-0**	94.2	ppm	3.85	C2H6S2	L	-84.67
971	Dimethyl mercury	593-74-8	230.66	mg/m^3	9.43	C2H6Hg	L	
972	Dimethyl methylphosphonate; (DMMP)	756-79-6	124.09	mg/m^3	5.07	C3H9O3P	L	< 50
973	**Dimethyl phosphite**	**868-85-9**	110.05	mg/m^3	4.50	C2H703P	L	
974	Dimethyl phosphorochloridothioate	2524-03-0	160.56	mg/m^3	6.56	C2.H6.Cl.O2.P.S	L	
975	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9		mg/m^3		[Unspecified]	Lvisc	
976	**Dimethyl sulfate**	**77-78-1**	126.13	ppm	5.16	C2H604S	L	-31.7

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
955	Dilauroyl peroxide	105-74-8	62 dec			0.91		12/08/02	11/11/13	12/20/11
956	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
957	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
958	Dimethoxybenzene, 1,3-	151-10-0	217.5			1.0521		10/11/05	08/14/13	12/31/11
959	Dimethoxybenzene, o-	91-16-7	206			1.081		10/11/05	08/14/13	12/31/11
960	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4						12/30/95	08/14/13	12/31/11
961	Dimethoxybutane, 1,3-	10143-66-5						06/13/02	03/06/15	12/31/11
962	Dimethoxybutane, 2,2-	3453-99-4						06/13/02	03/06/15	08/14/13
963	Dimethoxydiphenylsilane	6843-66-9	286					10/11/05	08/14/13	12/31/11
964	Dimethoxyethane, 1,2-	110-71-4	82-83	48	20	0.86877		01/04/99	03/06/15	10/01/13
965	Dimethoxypropane, 2,2-	77-76-9	83			0.847		07/11/07	03/07/16	03/07/16
966	Dimethyl butane, 2,2-	75-83-2	49.7	319	25	0.649	12000	01/04/99	08/14/13	09/27/12
967	Dimethyl carbamoyl chloride	79-44-7	167	1.95	25	1.168		09/30/97	08/14/13	08/14/13
968	Dimethyl carbonate	616-38-6	90.91	55.364	25	1.065 @ 17°C		10/11/05	08/14/13	12/31/11
969	Dimethyl cyclopentanol, 1,3-	19550-46-0						10/11/05	08/14/13	12/31/11
970	**Dimethyl disulfide**	**624-92-0**	109.74	75	45	1.0625 @ 20°C		12/30/95	05/15/15	01/19/11
971	Dimethyl mercury	593-74-8	93	75	29	3.17		09/30/97	05/09/14	06/08/12
972	Dimethyl methylphosphonate; (DMMP)	756-79-6	181	0.962	25	1.168 @ 20°C		01/04/99	08/14/13	07/23/12
973	**Dimethyl phosphite**	**868-85-9**	56.5 @ 8mm			1.2		03/01/00	02/17/15	12/31/11
974	Dimethyl phosphorochloridothioate	2524-03-0	68 @ 12 mm	4	40	1.326		12/08/02	08/14/13	12/31/11
975	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9				0.94		07/09/97	08/14/13	06/08/12
976	**Dimethyl sulfate**	**77-78-1**	188 dec	0.677	25	1.3322 @ 20°C		12/30/95	02/13/15	08/17/07

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977	**Dimethyl sulfide; (2-Thiopropane)**	**75-18-3**	62.13	ppm	2.54	C2H6S	L	-98.24
978	Dimethyl sulfone	67-71-0	94.133	mg/m^3	3.85	C2.H6.O2.S	S	108.9
979	Dimethyl sulfoxide; (DMSO)	67-68-5	78.13	ppm	3.19	C2H6OS	L	17.89
980	Dimethyl(1-phenylethyl)benzene	40766-31-2	210.34	mg/m^3	8.60	C16H18	L	
981	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8		mg/m^3			L	
982	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	132.18	ppm	5.40	C6.H12.O3	L	-26.4
983	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	102.21	ppm	4.18	C5.H14.N2	L	-70
984	Dimethyl-1-butanamine, N,N-	927-62-8	101.22	mg/m^3	4.14	C6.H15.N	L	<-60
985	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	151.163	mg/m^3	6.18	C8.H9.N.O2	L	15
986	Dimethyl-3-pentanone, 2,4-	565-80-0	114.21	ppm	4.67	C7.H14.O	L	-69
987	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	
988	Dimethylacetamide, N,N-	127-19-5	87.14	ppm	3.56	C4.H9.N.O	L	-20
989	Dimethylacrylamide, N,N-	2680-03-7	99.15	mg/m^3	4.05	C5.H9.N.O		
990	**Dimethylamine**	**124-40-3**	45.08	ppm	1.84	C2H7N	G	-92.18
991	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
992	Dimethylaminoazobenzene, 4-	60-11-7	225.29	mg/m^3	9.21	C14H15N3	S	117
993	Dimethylaminobenzaldehyde, p-	100-10-7	149.21	mg/m^3	6.10	C9H11NO	S	74
994	Dimethylaminocyclohexane, N,N-	98-94-2	127.26	mg/m^3	5.20	C8.H17.N	L	-77
995	Dimethylaminoethanol, 2-	108-01-0	89.16	ppm	3.64	C4.H11.N.O	L	-59
996	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7	144.06	mg/m^3	5.89	C4.H10.Cl.N.Cl.h	S	201
997	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	134.18	mg/m^3	5.48	C5.H14.N2.O2	L	
998	Dimethylaniline, N,N-	121-69-7	121.2	ppm	4.95	C8.H11.N	L	2.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
977	**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
978	Dimethyl sulfone	67-71-0	238			1.1700 @ 10°C		10/11/05	08/14/13	12/31/11
979	Dimethyl sulfoxide; (DMSO)	67-68-5	189	0.75	27.4	1.101	26000	08/21/96	08/14/13	08/14/13
980	Dimethyl(1-phenylethyl)benzene	40766-31-2						01/04/99	08/14/13	12/31/11
981	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8				1		07/11/07	08/14/13	12/31/11
982	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
983	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
984	Dimethyl-1-butanamine, N,N-	927-62-8	95			0.7206 @ 20°C		07/11/07	08/14/13	12/31/11
985	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	240			1.1402 @ 20°C		10/11/05	08/14/13	12/31/11
986	Dimethyl-3-pentanone, 2,4-	565-80-0	125.4			0.8108		10/11/05	12/11/15	12/11/15
987	Dimethyl-5-phenylphenazinium chloride, 3,7-diamino-2,8-; (Safranine; Gossypimine)	477-73-6						10/11/05	08/14/13	12/31/11
988	Dimethylacetamide, N,N-	127-19-5	165	1.3	25	0.943 @ 20°C	18000	12/08/02	03/06/15	09/27/12
989	Dimethylacrylamide, N,N-	2680-03-7						10/11/05	08/14/13	12/31/11
990	**Dimethylamine**	**124-40-3**	6.88	750	6.6	0.6804 @ 0°C	28000	11/30/92	02/13/15	08/16/07
991	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
992	Dimethylaminoazobenzene, 4-	60-11-7	dec	3.3x10-7	no temp			09/30/97	02/13/16	02/13/16
993	Dimethylaminobenzaldehyde, p-	100-10-7	176-177 @17mm					01/10/01	08/14/13	12/31/11
994	Dimethylaminocyclohexane, N,N-	98-94-2	158-165	3.6	20	0.8490 @ 20°C		07/22/10	03/06/15	12/31/11
995	Dimethylaminoethanol, 2-	108-01-0	135			0.8866 @ 20°C	16000	10/11/05	08/14/13	12/31/11
996	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7						07/11/07	08/14/13	12/31/11
997	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	60-61			1.05		07/11/07	10/09/13	12/31/11
998	Dimethylaniline, N,N-	121-69-7	193.1	0.7	25	0.9557 @ 20°C		06/13/02	08/14/13	10/30/12

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999	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	212.29	mg/m^3	8.68	C14H16N2	S	131
1000	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
1001	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	94.62	ppm	3.87	C2.H7.Cl.Si	L	-111
1002	Dimethylcyclohexane, cis-1,4-	624-29-3	112.22	ppm	4.59	C8H16	L	-87.4
1003	Dimethyldecane, 2,2-	17302-37-3	170.34	ppm	6.96	C12H26		
1004	**Dimethyldichlorosilane**	**75-78-5**	129.06	ppm	5.27	C2H6Cl2Si	L	-16
1005	Dimethyldicyclopentadiene	26472-00-4	160.28	mg/m^3	6.55	C12.H16	L	-51
1006	Dimethyldimethoxysilane	1112-39-6	120.25	mg/m^3	4.91	C4.H12.O2.Si	L	
1007	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	90.14	ppm	3.68	C4H10O2	L	-8
1008	**Dimethylformamide, N,N-**	**68-12-2**	73.09	ppm	2.99	C3H7NO	L	-60.48
1009	Dimethylglyoxime; (Diacetyldioxime)	95-45-4	116.14	mg/m^3	4.75	C4H8N2O2	S	245.5
1010	Dimethylheptane, 2,2-	1071-26-7	128.26	ppm	5.24			
1011	Dimethylhexane, 3,3-	563-16-6	114.23	ppm	4.67	C8.H18	L	-126.1
1012	**Dimethylhydrazine, 1,1-**	**57-14-7**	60.098	ppm	2.46	C2H8N2	L	-57.2
1013	**Dimethylhydrazine, 1,2-**	**540-73-8**	60.1	ppm	2.46	C2H8N2	fumes	-8.9
1014	Dimethylimidizole, 1,2-	1739-84-0	96.15	mg/m^3	3.93	C5.H8.N2	S	37-39
1015	Dimethylisopropylamine, N,N-	996-35-0	87.16	mg/m^3	3.56	C5.H13.N		
1016	Dimethylnonane, 4,5-	17302-23-7	156.31	ppm	6.39	C11.H24	L	
1017	Dimethyloctane, 3,5-	15869-93-9	142.28	ppm	5.82	C10.H22	L	
1018	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	122.18	mg/m^3	4.99	C8.H10.O	L	26
1019	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	122.18	mg/m^3	4.99	C8.H10.O	S	48-49

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
999	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	300					12/30/95	08/14/13	08/14/13
1000	Dimethylbutyric acid, 2,2-	595-37-9	94-96			0.928		07/11/07	10/09/13	10/09/13
1001	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	34.6			0.852		09/05/08	02/12/15	08/04/10
1002	Dimethylcyclohexane, cis-1,4-	624-29-3	124.4			0.7829		03/01/00	03/06/15	08/15/13
1003	Dimethyldecane, 2,2-	17302-37-3						12/08/02	03/06/15	09/03/14
1004	**Dimethyldichlorosilane**	**75-78-5**	70.3	144	25	1.064	34000	08/21/96	06/13/14	01/21/10
1005	Dimethyldicyclopentadiene	26472-00-4	200	7.5	47.8	0.941		07/11/07	03/06/15	01/17/12
1006	Dimethyldimethoxysilane	1112-39-6	81.4			0.864		07/11/07	08/15/13	12/31/11
1007	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	89dec	3.07	20	0.86		03/01/00	08/15/13	12/31/11
1008	**Dimethylformamide, N,N-**	**68-12-2**	153	7.5	38	0.9455	22000	11/30/92	10/27/09	10/11/05
1009	Dimethylglyoxime; (Diacetyldioxime)	95-45-4	234 subl					08/07/98	08/15/13	12/31/11
1010	Dimethylheptane, 2,2-	1071-26-7						12/08/02	03/06/15	10/09/14
1011	Dimethylhexane, 3,3-	563-16-6	111.9			0.7100 @ 20°C		12/08/02	03/06/15	10/09/14
1012	**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
1013	**Dimethylhydrazine, 1,2-**	**540-73-8**	81	75	26.4	0.8274 @ 20°C		09/30/97	02/12/15	12/31/11
1014	Dimethylimidizole, 1,2-	1739-84-0	204	1	20	1.084		07/11/07	08/15/13	12/31/11
1015	Dimethylisopropylamine, N,N-	996-35-0						07/11/07	08/15/13	12/31/11
1016	Dimethylnonane, 4,5-	17302-23-7						06/13/02	03/06/15	10/09/14
1017	Dimethyloctane, 3,5-	15869-93-9						06/13/02	03/06/15	10/09/14
1018	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
1019	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	203	0.274	25			06/13/02	09/24/14	09/24/14

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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)
1020	Dimethylphthalate	131-11-3	194.18	mg/m^3	7.94	C10H10O4	L	5.5
1021	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8	290.77	ppm	11.88	(C2.H6.Si)x	S	
1022	Dimethyl-p-phenylenediamine, N,N-	99-98-9	136.22	mg/m^3	5.57	C8.H12.N2	S/L	41
1023	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	72.17	ppm	2.95	C5.H12	G/L	-16.6
1024	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	107.17	ppm	4.38	C7.H9.N	L	-6.1
1025	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5	226.37	mg/m^3	9.25	C6.H18.O5.Si2	S	
1026	Dimetilan	644-64-4	240.3	mg/m^3	9.82	C10.H16.N4.O3	S	68-71
1027	Di-n-amylamine	2050-92-2	157.3	ppm	6.43	C10H23N	L	-7.85
1028	Di-n-butylamine	111-92-2	129.28	ppm	5.28	C8H19N	L	-61.9
1029	Dinitraniline orange; (Hansa orange RN)	3468-63-1	338.28	mg/m^3	13.83	C16H10N4O5	S	302
1030	Dinitroaniline, 2,4-	97-02-9	183.14	mg/m^3	7.49	C6.H5.N3.O4	S	188
1031	Dinitrobenzene, -m; (includes -o, (528-29-0) and -p isomers (100-25-4))	99-65-0	168.11	mg/m^3	6.87	C6H4N2O4	S	90.3
1032	Dinitro-o-cresol, 4,6-	534-52-1	198.13	mg/m^3	8.10	C7H6N2O5	S	86.5
1033	Dinitrophenol	25550-58-7	184.12	mg/m^3	7.53	C6H4N2O5	S	
1034	Dinitrophenol, 2,3-	66-56-8	184.11	mg/m^3	7.52	C6H4N2O5	S	144.5
1035	Dinitrophenol, 2,4-	51-28-5	184.11	mg/m^3	7.52	C6H4N2O5	S	114.8
1036	Dinitrophenol, 2,6-	573-56-8	184.12	mg/m^3	7.53	C6.H4.N2.O5	S	63
1037	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6	197.17	mg/m^3	8.06	C7H7N3O4	S	171-172
1038	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4	144.16	mg/m^3	5.89	C4.H8.N4.O2	S	158
1039	Dinitrotoluene	25321-14-6	182.14	mg/m^3	7.44	C7H6N2O4	L or S	
1040	Dinitrotoluene, 2,4-	121-14-2	182.13	mg/m^3	7.44	C7H6N2O4	S	70.5
1041	Dinitrotoluene, 2,6-	606-20-2	182.13	mg/m^3	7.44	C7H6N2O4	S	66

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
1020	Dimethylphthalate	131-11-3	283.7	7.5x10-3	27	1.1905 @ 20°C	9000	08/21/96	11/11/13	11/11/13
1021	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8						07/11/07	03/02/15	03/02/15
1022	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
1023	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
1024	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	145.7	5.65	25			12/08/02	08/15/13	12/31/11
1025	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5						10/11/05	08/15/13	12/31/11
1026	Dimetilan	644-64-4	200-210 @13mm	0.000097	20			12/08/02	08/15/13	10/30/12
1027	Di-n-amylamine	2050-92-2	202.5	0.153	25	0.777		10/11/05	08/15/13	12/31/11
1028	Di-n-butylamine	111-92-2	159.6	2.59	25	0.7613 @ 20°C	11000	09/30/97	02/13/16	12/31/11
1029	Dinitraniline orange; (Hansa orange RN)	3468-63-1		9.32x10-12	25	1.52 No temp		09/30/97	02/13/16	12/31/11
1030	Dinitroaniline, 2,4-	97-02-9	[56.7]	5.94E-07	25	1.615		12/08/02	11/11/13	10/18/13
1031	Dinitrobenzene, -m; (includes -o, (528-29-0) and -p isomers (100-25-4))	99-65-0	291	2.0x10-4	25	1.5751 @ 18°C		09/30/97	04/14/16	09/09/14
1032	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
1033	Dinitrophenol	25550-58-7						08/07/98	09/08/14	05/02/12
1034	Dinitrophenol, 2,3-	66-56-8				1.681 @ 20°C		08/21/96	09/08/14	12/31/11
1035	Dinitrophenol, 2,4-	51-28-5	subl	3.9x10-4	20	1.683 @ 24°C		12/30/95	09/18/14	09/18/14
1036	Dinitrophenol, 2,6-	573-56-8						08/07/98	09/09/14	12/31/11
1037	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6						08/07/98	08/15/13	12/31/11
1038	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4						12/08/02	10/01/13	10/01/13
1039	Dinitrotoluene	25321-14-6	250			1.3208 @ 71°C		12/30/95	09/09/14	09/09/14
1040	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
1041	Dinitrotoluene, 2,6-	606-20-2	285	5.67x10-4	25	1.2833 @ 111°C		12/30/95	04/21/15	09/09/14

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)
1042	Dinitrotoluene, 3,4-	610-39-9	182.15	mg/m^3	7.44	C7.H6.N2.O4	S	61
1043	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7	240.21	mg/m^3	9.82	C10H12N2O5	S	40
1044	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
1045	Dioctyl phthalate, n-	117-84-0	390.62	mg/m^3	15.97	C24H38O4	S	25
1046	Dioctyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	426.76	mg/m^3	17.44	C26.H50.O4	L	-48
1047	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	444.62	mg/m^3	18.17	C20H37NaO7S	S	155
1048	**Dioxane, 1,4-; (1,4-Diethyleneoxide)**	**123-91-1**	88.11	ppm	3.60	C4H8O2	L	11.7
1049	Dioxathion	78-34-2	456.56	mg/m^3	18.66	C12.H26.O6.P2.S4	L	-20
1050	Dioxolane, 1,3-	646-06-0	74.09	ppm	3.03	C3H6O2	L	-97.2
1051	Dipentaerythritol; (Dipentek)	126-58-9	254.26	mg/m^3	10.39	C10.H22.O7	S	212-220
1052	Dipentyl pentylphosphonate	6418-56-0	292.45	mg/m^3	11.95	C15H33O3P	S	
1053	Diphacinone; (Diphenadione)	82-66-6	340.39	mg/m^3	13.91	C23.H16.O3	S	147
1054	Diphenyl chlorophosphate; (Diphenylphosphoryl chloride)	2524-64-3	268.63596	mg/m^3	10.98	C12.H10.Cl.O3.P	L	
1055	Diphenyl cresol phosphate	26444-49-5	340.31466	mg/m^3	13.91	C19.H17.O4.P	L	-38
1056	Diphenyl mercury	587-85-9	354.8	mg/m^3	14.50	C12H10Hg		
1057	Diphenylamine	122-39-4	169.22	mg/m^3	6.92	C12H11N	S	53.2
1058	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	264.59	mg/m^3	10.81	C12.H10.As.Cl	S	44
1059	**Diphenyldichlorosilane**	**80-10-4**	253.21	ppm	10.35	C12.H10.Cl2.Si	L	-20
1060	Diphenylguanidine, 1,3-	102-06-7	211.29	mg/m^3	8.64	C13H13N3	S	150
1061	Diphenylhydrazine, 1,2-	122-66-7	184.24	mg/m^3	7.53	C12H12N2	S	131
1062	Diphenylmethane	101-81-5	168.25	mg/m^3	6.88	C13.H12	L-S	25.9

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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
1042	Dinitrotoluene, 3,4-	610-39-9				1.2594 @ 111°C		06/13/02	04/21/15	09/09/14
1043	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
1044	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1						12/08/02	08/15/13	10/08/12
1045	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
1046	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
1047	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
1048	**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
1049	Dioxathion	78-34-2	60-68 @ 0.5 mm			1.257 @ 26°C		12/08/02	08/15/13	12/31/11
1050	Dioxolane, 1,3-	646-06-0	78	79	20	1.066 @ 20°C		01/04/99	03/06/15	10/29/14
1051	Dipentaerythritol; (Dipentek)	126-58-9				1.33		04/14/04	08/15/13	12/31/11
1052	Dipentyl pentylphosphonate	6418-56-0						08/07/98	08/15/13	12/31/11
1053	Diphacinone; (Diphenadione)	82-66-6		13.7 nPa	25	1.281		12/08/02	08/15/13	12/31/11
1054	Diphenyl chlorophosphate; (Diphenylphosphoryl chloride)	2524-64-3	314 @ 272 mmHg			1.296		08/05/10	01/16/14	01/16/14
1055	Diphenyl cresol phosphate	26444-49-5	390			1.208		08/17/07	11/13/13	11/13/13
1056	Diphenyl mercury	587-85-9	204 @ 10mmHg			2.318		12/30/95	05/09/14	10/04/12
1057	Diphenylamine	122-39-4	302	7.5x10-3	48	1.158 @ 22°C		12/30/95	08/15/13	12/31/11
1058	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	330 dec	0.00049	20	1.333 @ 40°C		09/05/08	02/17/15	10/04/12
1059	**Diphenyldichlorosilane**	**80-10-4**	305			1.204		09/05/08	01/27/14	
1060	Diphenylguanidine, 1,3-	102-06-7	170 dec			1.13 @ 20°C		08/07/98	10/01/13	10/01/13
1061	Diphenylhydrazine, 1,2-	122-66-7	293	4.4x10-4	25	1.158 @ 16°C		12/30/95	11/13/13	11/13/13
1062	Diphenylmethane	101-81-5	264.5	1	76	1.008		10/11/05	08/15/13	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)
1063	Diphenylnitrosamine	86-30-6	198.24	mg/m^3	8.10	C12H10N2O	S	66.5
1064	Diphenyloxazole, 2,5-	92-71-7	221.25	mg/m^3	9.04	C15H11NO	S	74
1065	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2	167.1208	mg/m^3	6.83	C7.H5.N.O4	S	252
1066	Dipotassium cadmium oxide	z-0013	222.61	mg/m^3	9.10	K2.Cd.O2	S	
1067	Dipotassium dihydrogen silicate	z-0014	172.278	mg/m^3	7.04	K2.H2.Si.O2	S	
1068	Dipotassium metasilicate	10006-28-7	154.263	mg/m^3	6.30	K2.Si.O3	S	
1069	Dipropyl ketone; (4-Heptanone)	123-19-3	114.21	ppm	4.67	C7.H14.O	L	-32.6
1070	Dipropylamine	142-84-7	101.19	mg/m^3	4.14	C6H15N	L	-63
1071	Dipropylene glycol methyl ether	34590-94-8	148.2	ppm	6.06	C7H16O3	L	-80
1072	Di-sec-octylphthalate	117-81-7	390.56	mg/m^3	15.96	C24H38O4	L	-55
1073	Disodium (2-ethylhexyl)phosphate	15505-13-2	254.17	mg/m^3	10.39	C8H17O4PNa2		
1074	Disodium 3,6-endoxohexahydrophthalate	129-67-9	230.14	mg/m^3	9.41	C8H8Na2O5	S	144
1075	Disodium butylphosphate	64114-42-7	200	mg/m^3	8.17	C4.H11.04.P.2Na		
1076	Disodium cadmium oxide	z-0016	190.39	mg/m^3	7.78	Na2.Cd.O2	S	
1077	Disodium dihydrogen silicate	z-0017	140.078	mg/m^3	5.73	[Unknown]	S	
1078	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5	220.1	mg/m^3	9.00	C6.H12.N2.O4.2Na	S	
1079	Disodium hexafluorosilicate (2-)	16893-85-9	188.07	mg/m^3	7.69	F6.Si.2Na	S	
1080	Disodium iminodiacetate	928-72-3	177.08	ppm	7.24	C4.H5.N.O4.2Na	S	
1081	Disodium monoxide; (Disodium oxide; Sodium oxide)	1313-59-3	61.98	mg/m^3	2.53	Na2.O	S	1132 dec
1082	Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5		mg/m^3			L	
1083	Disulfiram	97-77-8	296.56	mg/m^3	12.12	C10.H20.N2.S4	S	70
1084	Disulfoton	298-04-4	274.42	mg/m^3	11.22	C8.H19.O2.P.S3	S	>-25

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
1063	Diphenylnitrosamine	86-30-6				1.23		01/10/01	08/15/13	08/15/13
1064	Diphenyloxazole, 2,5-	92-71-7	360			1.0940 @ 100°C		07/09/97	02/04/16	12/31/11
1065	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2						10/11/05	08/16/13	12/31/11
1066	Dipotassium cadmium oxide	z-0013						12/08/02	02/03/14	02/03/14
1067	Dipotassium dihydrogen silicate	z-0014						12/08/02	08/16/13	12/31/11
1068	Dipotassium metasilicate	10006-28-7						12/08/02	11/19/13	11/19/13
1069	Dipropyl ketone; (4-Heptanone)	123-19-3	144	5.2	20	0.815		12/08/02	03/06/15	01/24/13
1070	Dipropylamine	142-84-7	109.3	7.5	6	0.7400 @ 20°C		11/15/96	12/13/13	12/13/13
1071	Dipropylene glycol methyl ether	34590-94-8	188.3	0.4	26	0.951	11000	08/07/98	08/16/13	10/04/12
1072	Di-sec-octylphthalate	117-81-7	384	7.5x10-3	122	0.981		12/30/95	12/11/15	12/11/15
1073	Disodium (2-ethylhexyl)phosphate	15505-13-2						12/08/02	11/19/13	11/19/13
1074	Disodium 3,6-endoxohexahydrophthalate	129-67-9				1.431		01/10/01	10/01/13	10/01/13
1075	Disodium butylphosphate	64114-42-7						12/08/02	02/03/14	02/03/14
1076	Disodium cadmium oxide	z-0016						12/08/02	02/03/14	02/03/14
1077	Disodium dihydrogen silicate	z-0017						12/08/02	08/16/13	12/31/11
1078	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5						12/08/02	02/03/14	02/03/14
1079	Disodium hexafluorosilicate (2-)	16893-85-9				2.7		10/11/05	08/16/13	06/28/12
1080	Disodium iminodiacetate	928-72-3						12/08/02	03/06/15	12/31/11
1081	Disodium monoxide; (Disodium oxide; Sodium oxide)	1313-59-3				2.27		09/05/08	08/16/13	06/12/09
1082	Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	350					07/11/07	01/03/14	01/03/14
1083	Disulfiram	97-77-8	117			1.3		06/13/02	10/05/12	10/05/12
1084	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

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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)
1085	Di-tert-butyl dicarbonate	24424-99-5	218.28	mg/m^3	8.92	C10.H18.O5	L	
1086	Di-tert-butylhydroquinone, 2,5-	88-58-4	222.35	mg/m^3	9.09	C14.H22.O2	S	213.5
1087	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8	519.51	mg/m^3	21.23	C23.H24.N2.S2.I	S	248
1088	Dithiobiuret	541-53-7	135.22	mg/m^3	5.53	C2.H5.N3.S2	S	181
1089	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	154.26	mg/m^3	6.30	C4.H10.O2.S2	L	26
1090	Dithioerythritol, 1,4-	6892-68-8	154.26	mg/m^3	6.30	C4.H10.O2.S2	L	
1091	Diurethane dimethacrylate	72869-86-4	470.56	mg/m^3	19.23	C23.H38.N2.O8	S	
1092	Dodecamethylcyclohexasiloxane	540-97-6	445.02	mg/m^3	18.19	C12.H36.O6.Si6	S	
1093	Dodecane	112-40-3	170.38	ppm	6.96	C12H26	L	-9.6
1094	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	202.44	ppm	8.27	C12.H26.S	L	-7
1095	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	266.38	mg/m^3	10.89	C16.H26.O3	S	41-43
1096	Dodecenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	266.38	mg/m^3	10.89	C16H.H26.O3	L	
1097	Dodecenylsuccinic anhydride	25377-73-5	266.38	mg/m^3	10.89	C16.H27.O3	L	
1098	Dodecyl alcohol	112-53-8	186.38	mg/m^3	7.62	C12H26O	S	24
1099	Dodecyl methacrylate	142-90-5	254.46	ppm	10.40	C16.H30.O2	L	-29
1100	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	326.54	mg/m^3	13.35	C18H30O3S		
1101	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	262.48	mg/m^3	10.73	C18.H30.O	L/S	66
1102	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	
1103	**Dodecyltrichlorosilane**	**4484-72-4**	303.81	ppm	12.42	C12.H25.Cl3.Si	L	
1104	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	
1105	Dysprosium	7429-91-6	162.5	mg/m^3	6.64	Dy	S	1409
1106	Dysprosium nickelide	12175-27-8	221.19	mg/m^3	9.04	DyNi	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1085	Di-tert-butyl dicarbonate	24424-99-5						07/11/07	08/16/13	12/31/11
1086	Di-tert-butylhydroquinone, 2,5-	88-58-4						10/11/05	08/16/13	12/31/11
1087	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8		0.00001	25			06/13/02	08/16/13	10/05/12
1088	Dithiobiuret	541-53-7	dec			1.522 @ 30°C		12/08/02	08/16/13	10/30/12
1089	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	160			1.261		10/11/05	08/16/13	12/31/11
1090	Dithioerythritol, 1,4-	6892-68-8						04/14/04	10/09/13	10/09/13
1091	Diurethane dimethacrylate	72869-86-4	200			1.11		07/11/07	10/09/13	10/09/13
1092	Dodecamethylcyclohexasiloxane	540-97-6						12/08/02	11/19/13	11/19/13
1093	Dodecane	112-40-3	216.3	0.135	25	0.749 @ 20°C	6000	08/07/98	08/26/13	08/26/13
1094	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
1095	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	180-182	<1	20			07/11/07	10/25/13	12/31/11
1096	Dodecenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	350			1.005		07/11/07	08/17/13	12/31/11
1097	Dodecenylsuccinic anhydride	25377-73-5	180-182 @ 5mm			1.002		04/14/04	08/17/13	12/31/11
1098	Dodecyl alcohol	112-53-8	260	8.48E-04	25	0.831 @ 24°C		08/07/98	03/09/15	01/09/12
1099	Dodecyl methacrylate	142-90-5	142 @ 4mm	0.0012	20	0.868 @ 20°C		10/11/05	08/17/13	12/31/11
1100	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	> 204.5			1		01/04/99	08/17/13	12/31/11
1101	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	175			0.93 @ 20°C		10/11/05	08/17/13	12/31/11
1102	Dodecylsarcosine sodium salt, N-; (N-Lauryl sarcosine sodium salt)	7631-98-3						04/14/04	08/17/13	12/31/11
1103	**Dodecyltrichlorosilane**	**4484-72-4**	288			1.026		09/05/08	02/12/15	
1104	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
1105	Dysprosium	7429-91-6	2335			8.54		07/11/07	08/17/13	12/31/11
1106	Dysprosium nickelide	12175-27-8						08/07/98	08/17/13	12/31/11

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1107	Dysprosium nitrate	10143-38-1	225.51	mg/m^3	9.22	Dy3HNO3	S	88.6
1108	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8	373	mg/m^3	15.25	Dy2.O3	S	2408
1109	Ecolite	z-0018		mg/m^3		[Unspecified]		
1110	Endosulfan	115-29-7	406.93	mg/m^3	16.63	C9H6Cl6O3S	S	106
1111	Endothion	2778-04-3	280.25	mg/m^3	11.45	C9.H13.O6.P.S	S	96
1112	Endrin	72-20-8	380.91	mg/m^3	15.57	C12H8Cl6O	S	245 dec
1113	Epibatidine	140111-52-0	208.69	mg/m^3	8.53	C11H13ClN2	L	
1114	Epibromohydrin	3132-64-7	136.99	mg/m^3	5.60	C3.H5.Br.O	L	-40
1115	**Epichlorohydrin**	**106-89-8**	92.53	ppm	3.78	C3H5ClO	L	-25.6
1116	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
1117	Epoxy resin includes EPON 1001, 1007, 820, ERL-2795	25068-38-6		mg/m^3		(C18H21ClO3)x	S	
1118	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3		mg/m^3		(C18H33ClO3)x	S	
1119	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer)	25036-25-3		mg/m^3		(C21.H24.O4.C15.H16.O2)x	S	
1120	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3		mg/m^3		(C7H15ClO4)x	S	
1121	**Epoxybutane, 1,2-; (1,2-Butylene oxide)**	**106-88-7**	72.12	ppm	2.95	C4H8O	L	-150
1122	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	140.18	ppm	5.73	C8H12O2	L	< -55
1123	Erbium nitrate pentahydrate	10031-51-3	443.35	mg/m^3	18.12	Er.(N.O3)3.5(H2.O)	S	
1124	Erbium(III) nitrate	10168-80-6	353.29	mg/m^3	14.44	ErN3O9	S	
1125	Erbium(III) nitrate hexahydrate	13476-05-6	461.41	mg/m^3	18.86	ErH12N3O15	S	130 lose water
1126	Erbium(III) oxide	12061-16-4	382.52	mg/m^3	15.63	Er2.O3	S	2344
1127	Ergotamine tartrate	379-79-3	1313.56	mg/m^3	53.69	C66.H70.N10.O10.C4.H6.O6	S	203 dec

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1107	Dysprosium nitrate	10143-38-1						08/07/98	08/17/13	12/31/11
1108	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8				7.81		12/08/02	08/17/13	12/31/11
1109	Ecolite	z-0018						08/07/98	08/17/13	12/31/11
1110	Endosulfan	115-29-7	106 @ 0.7mmHg	6.2x10-6	20	1.745 @ 20°C		12/30/95	12/11/15	12/11/15
1111	Endothion	2778-04-3						12/08/02	08/17/13	10/30/12
1112	Endrin	72-20-8		3x10-6	20	1.7 @ 20°C		12/30/95	11/13/13	11/13/13
1113	Epibatidine	140111-52-0						07/09/97	11/19/14	11/19/14
1114	Epibromohydrin	3132-64-7	135			1.601		10/11/05	08/17/13	12/31/11
1115	**Epichlorohydrin**	**106-89-8**	117.9	16.4	25	1.175	38000	11/30/92	09/26/14	09/26/14
1116	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
1117	Epoxy resin includes EPON 1001, 1007, 820, ERL-2795	25068-38-6						09/30/97	02/13/16	12/31/11
1118	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3						01/04/99	08/17/13	12/31/11
1119	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer)	25036-25-3						07/11/07	02/13/16	02/13/16
1120	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3						09/30/97	02/13/16	02/13/16
1121	**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
1122	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
1123	Erbium nitrate pentahydrate	10031-51-3						09/30/97	02/13/16	02/13/16
1124	Erbium(III) nitrate	10168-80-6						09/30/97	02/13/16	12/31/11
1125	Erbium(III) nitrate hexahydrate	13476-05-6						09/30/97	02/13/16	12/31/11
1126	Erbium(III) oxide	12061-16-4	3920			8.64		12/08/02	08/19/13	12/31/11
1127	Ergotamine tartrate	379-79-3						12/08/02	08/19/13	12/31/11

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1128	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7		mg/m^3		[Unknown]	S	
1129	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
1130	Ethane	74-84-0	30.08	ppm	1.23	C2.H6	G	-172
1131	Ethanedioic acid, dimethyl ester	553-90-2	118.089	mg/m^3	4.83	C4.H6.O4	S	54.8
1132	Ethanedithiol, 1,2-	540-63-6	94.2	ppm	3.85	C2.H6.S2	L	-41.2
1133	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	182.28	mg/m^3	7.45	C14H14	S	52
1134	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	
1135	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	214.2634	mg/m^3	8.76	C14.H14.O2	S	95
1136	Ethanethiol, 2-[bis(1-methylethyl)amino]-; (Ethanethiol, 2-(Diisopropylamino)-	5842-07-9	161.34	mg/m^3	6.59	C8.H19.N.S	L	
1137	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	62.13	ppm	2.54	C2H6S	L	-147.88
1138	Ethanol, titanium(4+) salt	3087-36-3	232.16	mg/m^3	9.49	4(C2.H6.O).Ti	L	
1139	**Ethanol: (Ethyl alcohol)**	**64-17-5**	46.07	ppm	1.88	C2H6O	L	-114.14
1140	Ethanolamine	141-43-5	61.08	ppm	2.50	C2H7NO	L	10.5
1141	Ethenylsilanetriol triacetate	4130-08-9	232.263	mg/m^3	9.49	C8.H12.O6.Si	L	7
1142	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
1143	Ethion	563-12-2	384.49	mg/m^3	15.71	C9.H22.O4.P2.S4	L	-13
1144	Ethoxyethanol, 2-	110-80-5	90.12	ppm	3.68	C4H10O2	L	-70
1145	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	134.2	ppm	5.48	C6H14O3	L	
1146	Ethoxyethyl methacrylate, 2-	2370-63-0	158.2	mg/m^3	6.47	C8.H14.O3	S	
1147	Ethoxyethylacetate, 2-	111-15-9	132.16	ppm	5.40	C6H12O3	L	-61.7
1148	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	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1128	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7				1.1-1.2		04/14/04	08/19/13	12/31/11
1129	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
1130	Ethane	74-84-0	-88.6	760		0.446 as liq	30000	06/13/02	03/09/15	06/03/13
1131	Ethanedioic acid, dimethyl ester	553-90-2	163.5			1.148		10/11/05	08/19/13	12/31/11
1132	Ethanedithiol, 1,2-	540-63-6	146	5.68	25	1.124		10/11/05	08/19/13	12/31/11
1133	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	284			1		03/01/00	08/19/13	12/31/11
1134	Ethanediylbis(N-(carboxymethyl)glycine), N,N'-1,2-, dipotassium salt	2001-94-7						10/11/05	08/19/13	12/31/11
1135	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	182 @17mm					10/11/05	08/19/13	12/31/11
1136	Ethanethiol, 2-[bis(1-methylethyl)amino]-; (Ethanethiol, 2-(Diisopropylamino)-	5842-07-9						07/05/12	08/19/13	
1137	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	35	750	34.7	0.8315	28000	09/30/97	02/09/15	
1138	Ethanol, titanium(4+) salt	3087-36-3						10/11/05	08/19/13	12/31/11
1139	**Ethanol: (Ethyl alcohol)**	**64-17-5**	78.29	75	29.2	0.7893 @ 20°C	33000	08/21/96	08/19/13	12/31/11
1140	Ethanolamine	141-43-5	171	0.75	35	1.0180 @ 20°C	30000	11/30/92	03/09/15	10/08/12
1141	Ethenylsilanetriol triacetate	4130-08-9	112 @13mm			1.16		10/11/05	08/19/13	12/31/11
1142	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
1143	Ethion	563-12-2	165 @ 0.3mm			1.31 @ 20°C		12/08/02	08/19/13	12/31/11
1144	Ethoxyethanol, 2-	110-80-5	135	7.5	30	0.9253	17000	12/30/95	11/13/13	11/13/13
1145	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
1146	Ethoxyethyl methacrylate, 2-	2370-63-0						10/11/05	12/06/13	12/06/13
1147	Ethoxyethylacetate, 2-	111-15-9	156.4	0.75	14	0.9740 @ 20°C	17000	09/30/97	03/22/16	02/17/12
1148	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

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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)
1149	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6		mg/m^3			S	44-48
1150	Ethoxylated alcohols, C7-C21	68991-48-0		mg/m^3		[Unspecified]		
1151	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9		mg/m^3		(C2H4O)n (C15H24O)		42-43
1152	Ethyl (or dimethyl) pyrrolidine	z-0020	99	mg/m^3	4.05	[Unspecified]		
1153	Ethyl acetate	141-78-6	88.11	ppm	3.60	C4H8O2	L	-83.8
1154	Ethyl acetoacetate	141-97-9	130.16	mg/m^3	5.32	C6.H10.O3	L	-45
1155	**Ethyl acrylate**	**140-88-5**	100.12	ppm	4.09	C5H8O2	L	-71.2
1156	Ethyl alcohol-d; (Ethanol-d)	925-93-9	47.07	ppm	1.92	C2H5OD	L	
1157	**Ethyl benzene**	**100-41-4**	106.18	ppm	4.34	C8H10	L	-94.9
1158	Ethyl benzoate	93-89-0	150.19	mg/m^3	6.14	C9.H10.O2	L	-34.6
1159	Ethyl bromoacetate	105-36-2	167.02	ppm	6.83	C4.H7.Br.O2	L	<-20
1160	Ethyl butyl ketone; (3-Heptanone)	106-35-4	114.21	ppm	4.67	C7.H14.O	L	-36.7
1161	Ethyl chloride; (Chloroethane)	75-00-3	64.51	ppm	2.64	C2H5Cl	L or G	-138.4
1162	Ethyl chloroacetate	105-39-5	122.56	ppm	5.01	C4.H7.Cl.O2	L	-27
1163	**Ethyl chloroformate**	**541-41-3**	108.53	ppm	4.44	C3.H5.Cl.O2	L/S	-80.6
1164	Ethyl ether	60-29-7	74.12	ppm	3.03	C4H10O	L	-116.2
1165	Ethyl formate	109-94-4	74.09	ppm	3.03	C3.H6.O2	L	-79
1166	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	144.21	mg/m^3	5.89	C8H16O2	L	
1167	**Ethyl isocyanate**	**109-90-0**	71.078	ppm	2.91	C3.H5.N.O	L	
1168	Ethyl lactate; (Ethyl (S)-(-)-lactate)	687-47-8	118.13	mg/m^3	4.83	C5.H10.O3	L/S	25
1169	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7	265.1	mg/m^3	10.84	C2H5ClHg	S	192
1170	Ethyl methacrylate; (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	114.16	ppm	4.67	C6.H10.O2	L	<-75

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1149	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6				1.02		07/11/07	08/19/13	12/31/11
1150	Ethoxylated alcohols, C7-C21	68991-48-0						07/09/97	02/04/16	12/31/11
1151	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9						09/30/97	02/13/16	02/13/16
1152	Ethyl (or dimethyl) pyrrolidine	z-0020						12/08/02	11/19/13	11/19/13
1153	Ethyl acetate	141-78-6	77.11	75	20.4	0.9003 @ 20°C	20000	12/30/95	08/19/13	06/28/12
1154	Ethyl acetoacetate	141-97-9	180.8	0.78	25	1.0282 @ 20°C	14000	10/11/05	08/19/13	12/31/11
1155	**Ethyl acrylate**	**140-88-5**	99.4	75	38.5	0.9234 @ 20°C	14000	09/30/97	02/13/15	
1156	Ethyl alcohol-d; (Ethanol-d)	925-93-9	78.29				33000	07/11/07	08/19/13	12/31/11
1157	**Ethyl benzene**	**100-41-4**	136.2	10	26	0.8669	8000	12/30/95	02/13/15	
1158	Ethyl benzoate	93-89-0	213.4	1	44	1.048 @ 20°C		07/11/07	08/19/13	12/31/11
1159	Ethyl bromoacetate	105-36-2	158.8	2.6	25	1.5032 @ 20°C		07/11/07	08/20/13	06/28/12
1160	Ethyl butyl ketone; (3-Heptanone)	106-35-4	149-152			0.8198 @ 20°C	14000	12/08/02	08/20/13	12/31/11
1161	Ethyl chloride; (Chloroethane)	75-00-3	12.3	750	12	0.9239 @ 0°C	38000	12/30/95	03/09/15	10/08/12
1162	Ethyl chloroacetate	105-39-5	144	10	37.5	1.145		07/11/07	08/20/13	12/31/11
1163	**Ethyl chloroformate**	**541-41-3**	94	22.4	25	1.1442 @ 15°C		06/13/02	08/20/13	08/20/13
1164	Ethyl ether	60-29-7	34.5	750	34.1	0.7138 @ 20°C	19000	12/30/95	03/09/15	10/08/12
1165	Ethyl formate	109-94-4	54.3	100	5.4	0.9236 @ 20°C	28000	07/11/07	08/20/13	06/28/12
1166	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	228	7.5	108	0.9031	8000	09/30/97	02/13/16	02/13/16
1167	**Ethyl isocyanate**	**109-90-0**	60	200	25	0.9031		01/22/10	02/09/15	11/18/14
1168	Ethyl lactate; (Ethyl (S)-(-)-lactate)	687-47-8	154	3.75	25	1.042	15000	07/11/07	08/20/13	12/31/11
1169	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7						09/30/97	05/09/14	05/09/14
1170	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

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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)
1171	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	
1172	Ethyl nitrite	109-95-5	75.08	ppm	3.07	C2.H5.N.O3	L	-50
1173	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8	235.30566	mg/m^3	9.62	C11.H26.N.O2.P		
1174	Ethyl propionate	105-37-3	102.15	ppm	4.18	C5.H10.O2	L	-72.6
1175	Ethyl S,S-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	242.34	mg/m^3	9.90	C8H19O2PS2	L	-13
1176	Ethyl sec-amyl ketone; (5-Methyl-3-heptanone)	541-85-5	128.24	ppm	5.24	C8.H16.O	L	-23
1177	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2	106.0536	mg/m^3	4.33	C2.H6.O3.Si	S	
1178	**Ethyl trichlorosilane; (trichloroethylsilane)**	**115-21-9**	163.51	ppm	6.68	C2H5Cl3Si	L	-105.6
1179	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	146.26	ppm	5.98	C8.H18.O2	L	-40
1180	**Ethyl-1-hexanol, 2-**	**104-76-7**	130.26	ppm	5.32	C8H18O	L	-70
1181	Ethyl-2-methylheptane, 3-	14676-29-0	142.28	ppm	5.82	C.C.(C.H3).C.(C2.H5).C.C.C.C	L	
1182	Ethyl-2-methyloctane, 6-	62016-19-7	156.31	ppm	6.39	C11.H24	L	
1183	Ethyl-2-oxazoline, 2-	10431-98-8	99.13	ppm	4.05	C5.H9.N.O.	L	-62
1184	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester); Ethylparaben	120-47-8	166.19	mg/m^3	6.79	C9.H10.O3	S	116
1185	Ethyl-5-methylheptane, 3-	52896-90-9	142.28	ppm	5.82	C10.H22	L	
1186	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 (?)	
1187	**Ethylamine; (Monoethylamine; Ethylamine anhydrous)**	**75-04-7**	45.1	ppm	1.84	C2.H7.N	L	-80.6
1188	Ethylbenzaldehyde, 2-	22927-13-5	134.1774	ppm	5.48	C9.H100	S	
1189	**Ethylchlorothioformate**	**2941-64-2**	132.56	ppm	5.42	C3.H5.Cl.O.S	L	
1190	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	174.89	mg/m^3	7.15	C2.H5.As.Cl2	L	-65
1191	Ethylene	74-85-1	28.05	ppm	1.15	C2H4	G	-169.15

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1171	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
1172	Ethyl nitrite	109-95-5	17			0.900 @ 15.5°C	40000	12/08/02	03/09/15	12/31/11
1173	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8						10/11/05	08/20/13	12/31/11
1174	Ethyl propionate	105-37-3	99	40	27.2	0.891 @ 20°C	19000	04/14/04	03/09/15	12/31/11
1175	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
1176	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
1177	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2						07/11/07	08/20/13	12/31/11
1178	**Ethyl trichlorosilane; (trichloroethylsilane)**	**115-21-9**	97.9	47.18	25	1.238 @ 20°C		06/13/02	02/09/15	
1179	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
1180	**Ethyl-1-hexanol, 2-**	**104-76-7**	184.6	0.36	20	0.834	8800	01/04/99	10/01/13	12/08/09
1181	Ethyl-2-methylheptane, 3-	14676-29-0	163			0.7398		06/13/02	03/09/15	10/09/14
1182	Ethyl-2-methyloctane, 6-	62016-19-7						12/08/02	10/09/14	10/09/14
1183	Ethyl-2-oxazoline, 2-	10431-98-8	128.4			0.982		07/11/07	12/06/13	12/06/13
1184	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester); Ethylparaben	120-47-8	297-298					07/11/07	01/29/14	01/29/14
1185	Ethyl-5-methylheptane, 3-	52896-90-9						12/08/02	03/09/15	10/09/14
1186	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
1187	**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
1188	Ethylbenzaldehyde, 2-	22927-13-5	83 @ 1 mmHg			0.979		06/13/02	03/09/15	12/31/11
1189	**Ethylchlorothioformate**	**2941-64-2**	132			1.195		09/05/08	02/17/15	12/31/11
1190	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	156 dfc	2.29	21.5	1.742 @ 14°C		09/05/08	02/17/15	10/03/12
1191	Ethylene	74-85-1	-103.77	5.12E+04	25	0.568 @ -104°C	27000	08/07/98	08/20/13	02/17/12

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1192	**Ethylene chlorohydrin; (2-Chloroethanol)**	**107-07-3**	80.52	ppm	3.29	C2H5ClO	L	-67.5
1193	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	187.86	ppm	7.68	C2H2Br2	L	9.84
1194	**Ethylene dichloride; (1,2-Dichloroethane)**	**107-06-2**	98.96	ppm	4.04	C2H4Cl2	L	-35.7
1195	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	64.07	ppm	2.62	C2.H5.F.O	L	-26.45
1196	Ethylene glycol	107-21-1	62.08	ppm	2.54	C2H6O2	L	-12.69
1197	Ethylene glycol diacetate	111-55-7	146.16	mg/m^3	5.97	C6.H10.O4	L	-31
1198	Ethylene glycol dimethacrylate	97-90-5	198.1	mg/m^3	8.10	C10.H14.O4	L	-40
1199	Ethylene glycol dinitrate; ethanediol dinitrate, 1,2-	628-96-6	152.08	ppm	6.22	C2H4N2O6	L	-22.3
1200	Ethylene glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	118.15	ppm	4.83	C5.H10.O3	L	-70
1201	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	76.11	ppm	3.11	C3H8O2	L	-86.5
1202	Ethylene glycol monopropyl ether; (Propyl cellosolve; Ektasolve EP)	2807-30-9	104.15	ppm	4.26	C5H12O2	L	
1203	Ethylene glycol mono-sec-butyl ether	7795-91-7	118.2	mg/m^3	4.83	C6H14O2	S (?)	
1204	**Ethylene oxide; (Oxirane)**	**75-21-8**	44.05	ppm	1.80	C2H4O	L or G	-112.5
1205	Ethylene/vinyl acetate copolmer	24937-78-8		mg/m^3		(C4.H6.O2.C2.H4)x	S	100
1206	Ethylenediamine dihydrochloride	333-18-6	133.04	mg/m^3	5.44	C2.H8.N2.2(Cl.H)	S	subl.
1207	**Ethylenediamine, 1,2-**	**107-15-3**	60.12	ppm	2.46	C2H8N2	L	11.14
1208	Ethylenediaminetetraacetic acid, disodium salt	139-33-3	336.24	mg/m^3	13.74	C10H14N2Na2O8	S	
1209	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
1210	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9	362.1	mg/m^3	14.80	C10H16FeN3O8	S	
1211	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1	416.2	mg/m^3	17.01	C10.H12.N2.O8.4Na.2(H2.O)	S	
1212	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	380.2	mg/m^3	15.54	C10H12N2O8.4Na	S	300 dec
1213	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4	292.24	mg/m^3	11.94	C10H16N2O8	S	245 dec

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1192	**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
1193	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	131.6	7.5	18	2.1683		12/30/95	02/13/15	05/16/08
1194	**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
1195	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
1196	Ethylene glycol	107-21-1	197.3	7.5x10-2	24	1.1135 @ 20°C	32000	11/30/92	03/28/16	03/28/16
1197	Ethylene glycol diacetate	111-55-7	190-191	0.0774	25	1.104	16000	07/11/07	08/20/13	08/20/13
1198	Ethylene glycol dimethacrylate	97-90-5	260			1.055 @ 20°C		10/11/05	08/20/13	12/31/11
1199	Ethylene glycol dinitrate; ethanediol dinitrate, 1,2-	628-96-6	105.5			1.483 @ 8°C		04/30/15		
1200	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
1201	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
1202	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
1203	Ethylene glycol mono-sec-butyl ether	7795-91-7						09/30/97	02/13/16	12/31/11
1204	**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
1205	Ethylene/vinyl acetate copolmer	24937-78-8				1.07		10/11/05	08/20/13	12/31/11
1206	Ethylenediamine dihydrochloride	333-18-6						10/11/05	08/20/13	06/28/12
1207	**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
1208	Ethylenediaminetetraacetic acid, disodium salt	139-33-3		7.57x10-17	25			08/07/98	10/03/13	10/03/13
1209	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6						04/14/04	08/20/13	12/31/11
1210	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9						03/01/00	06/10/14	06/10/14
1211	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1						04/14/04	08/20/13	08/20/13
1212	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	240 dec					07/09/97	08/20/13	08/20/13
1213	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4						07/09/97	08/20/13	06/05/13

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1214	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	292.43	mg/m^3	11.95	C14H32N2O4	L	
1215	**Ethyleneimine**	**151-56-4**	43.07	ppm	1.76	C2H5N	L	-77.9
1216	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7	102.16	mg/m^3	4.18	C3H6N2S	S	203
1217	Ethylheptane, 4-	2216-32-2	128.26	ppm	5.24	C9.H20	L	
1218	Ethylhexyl acrylate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	184.31	ppm	7.53	C11.H20.O2	L	-90
1219	Ethylhexyl bromide, 2-	18908-66-2	193.1962	mg/m^3	7.90	C8.H17.Br	L	69.44
1220	**Ethylhexylchloroformate, 2-**	**24468-13-1**	192.71	ppm	7.88	C9.H17.Cl.O2	L	
1221	Ethylhexyloxy)ethanol, 2-(2-	1559-35-9	174.32	mg/m^3	7.12	C10H22O2	L	
1222	Ethylidene chloride, 1,1-; (1,1-Dichloroethane)	75-34-3	98.96	ppm	4.04	C2H4Cl2	L	-96.9
1223	**Ethylidene norbornene**	**16219-75-3**	120.19	ppm	4.91	C9.H12	L	
1224	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3	88.82	mg/m^3	3.63	C2.H5.Cl.Mg	S	
1225	**Ethylphosphorodichloridate**	**1498-51-7**	162.94	ppm	6.66	C2.H5.Cl2.O2.P	L	
1226	Ethylthiocyanate	542-90-5	87.15	mg/m^3	3.56	C3.H5.N.S	L	-85.5
1227	Ethyltoluene, o-	611-14-3	120.21	mg/m^3	4.91	C9H12	L	-79.83
1228	Ethyltoluene, p-	622-96-8	120.21	mg/m^3	4.91	C9H12	L	-62.4
1229	Europium	7440-53-1	151.96	mg/m^3	6.21	Eu	S	822
1230	Europium nitrate; (Europium trinitrate)	10138-01-9	337.99	mg/m^3	13.81	EuN3O9	S	
1231	Europium oxide	1308-96-9	351.928	mg/m^3	14.38	Eu2.O3	S	2350
1232	Europium(II) iodide	22015-35-6	405.77	mg/m^3	16.58	Eu.I2	S	580
1233	Farnesol	4602-84-0	222.41	mg/m^3	9.09	C15.H26.O	L	
1234	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0		mg/m^3		[Unknown]		
1235	Fenamiphos	22224-92-6	303.39	mg/m^3	12.40	C13.H22.N.O3.P.S	S	49.2

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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
1214	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	190			1.03		10/11/05	08/20/13	02/17/12
1215	**Ethyleneimine**	**151-56-4**	56	75	4.1	0.832	33000	12/30/95	02/09/15	04/02/09
1216	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7						12/30/95	08/20/13	02/17/12
1217	Ethylheptane, 4-	2216-32-2	141.2			0.7241		06/13/02	03/09/15	10/29/14
1218	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
1219	Ethylhexyl bromide, 2-	18908-66-2	75-77 @ 16 mm			1.086		10/11/05	08/20/13	12/31/11
1220	**Ethylhexylchloroformate, 2-**	**24468-13-1**	106					09/05/08	02/17/15	12/31/11
1221	Ethylhexyloxy)ethanol, 2-(2-	1559-35-9	227.7					08/17/07	06/05/13	06/05/13
1222	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
1223	**Ethylidene norbornene**	**16219-75-3**	70.2-70.4 @ 58 mm					04/14/04	03/09/15	08/16/07
1224	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3				0.978		07/11/07	08/20/13	12/31/11
1225	**Ethylphosphorodichloridate**	**1498-51-7**	167			1.35 @ 19°C		01/22/10	02/12/15	02/12/15
1226	Ethylthiocyanate	542-90-5	145	4	25	1.020 @ 16°C		12/08/02	07/23/14	07/23/14
1227	Ethyltoluene, o-	611-14-3	164.1			0.88		01/04/99	09/24/14	09/24/14
1228	Ethyltoluene, p-	622-96-8	162.2			.86 @ 20°C		01/04/99	09/24/14	09/24/14
1229	Europium	7440-53-1	1529			5.24		01/04/99	08/20/13	12/31/11
1230	Europium nitrate; (Europium trinitrate)	10138-01-9						09/30/97	02/13/16	12/31/11
1231	Europium oxide	1308-96-9				7.42		12/08/02	08/20/13	12/31/11
1232	Europium(II) iodide	22015-35-6						07/11/07	08/20/13	12/31/11
1233	Farnesol	4602-84-0	110 - 113			0.8871 @ 20°C		07/11/07	08/20/13	12/31/11
1234	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0						09/30/97	02/13/16	02/13/16
1235	Fenamiphos	22224-92-6	450	0.000001	25	1.15 @ 20°C		12/08/02	03/02/15	08/27/14

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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)
1236	Fensulfothion	115-90-2	308.37	mg/m^3	12.60	C11.H17.O4.P.S2	L	
1237	Fenthion	55-38-9	278.34	mg/m^3	11.38	C10.H15.O3.P.S2	L	7
1238	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
1239	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2	269.02	mg/m^3	11.00	H4FeNO8S2	S	
1240	Ferric chloride	7705-08-0	162.2	mg/m^3	6.63	Cl3Fe	S plates	307.6
1241	Ferric chloride hexahydrate	10025-77-1	270.32	mg/m^3	11.05	Cl3FeH12O6	S	37
1242	Ferric fluoride	7783-50-8	112.85	mg/m^3	4.61	Fe.F3	S	1000
1243	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	106.87	mg/m^3	4.37	FeH3O3	S	500
1244	Ferric nitrate	10421-48-4	241.86	mg/m^3	9.89	FeN3O9	S	35
1245	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
1246	Ferric phosphate	10045-86-0	150.82	mg/m^3	6.16	FeO4P	S	
1247	Ferric sulfate; (Iron(III) sulfate)	10028-22-5	399.88	mg/m^3	16.34	Fe2O12S3	S	480 dec
1248	Ferrous ammonium sulfate	10045-89-3	284.07	mg/m^3	11.61	FeH8N2O8S2	S	100-110
1249	Ferrous carbonate	563-71-3	115.86	mg/m^3	4.74	FeCO3	S	dec
1250	Ferrous chloride	7758-94-3	126.75	mg/m^3	5.18	Cl2Fe	S hygr	676
1251	Ferrous disulfide; (Iron disulfide)	12068-85-8	119.97	mg/m^3	4.90	FeS2	S	>600
1252	Ferrous hydroxide; (Iron(II) hydroxide)	18624-44-7	89.86	mg/m^3	3.67	FeH2O2	S	140 dec
1253	Ferrous Oxalate; (Iron(II) oxalate)	516-03-0	143.87	mg/m^3	5.88	C.Fe.O4	S	
1254	Ferrous sulfamate	14017-39-1	155.96	mg/m^3	6.37	FeH6N2O6S2	S	
1255	Ferrous sulfate	7720-78-7	151.91	mg/m^3	6.21	FeO4S	S	
1256	Ferrous sulfate heptahydrate	7782-63-0	278.01	mg/m^3	11.36	FeH14O11S	S	~ 60 dec
1257	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3		mg/m^3		[Unspecified]	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
1236	Fensulfothion	115-90-2	440	0.00005	25	1.202 @ 20°C		12/08/02	08/20/13	12/31/11
1237	Fenthion	55-38-9	87 @ 0.01 mm	4 mPa	20	1.25		07/11/07	08/20/13	06/28/12
1238	Ferric ammonium sulfate dodecahydrate	7783-83-7				1.71		04/14/04	02/18/14	12/31/11
1239	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2						08/07/98	02/18/14	12/31/11
1240	Ferric chloride	7705-08-0	~ 316	1	194	2.9		07/09/97	04/01/14	04/01/14
1241	Ferric chloride hexahydrate	10025-77-1				1.82		01/04/99	02/18/14	06/26/13
1242	Ferric fluoride	7783-50-8				3.52		06/13/02	04/08/14	04/08/14
1243	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	dec			3.65		01/10/01	02/18/14	08/21/13
1244	Ferric nitrate	10421-48-4				1.68 @ 21°C		08/21/96	04/01/14	12/31/11
1245	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
1246	Ferric phosphate	10045-86-0				2.87		01/04/99	02/18/14	12/31/11
1247	Ferric sulfate; (Iron(III) sulfate)	10028-22-5				3.1		12/30/95	02/19/14	10/09/12
1248	Ferrous ammonium sulfate	10045-89-3				1.865		08/07/98	04/01/14	12/31/11
1249	Ferrous carbonate	563-71-3				3.9		10/11/05	02/19/14	12/31/11
1250	Ferrous chloride	7758-94-3	1023	10	700	3.16		08/07/98	02/18/14	02/18/14
1251	Ferrous disulfide; (Iron disulfide)	12068-85-8				5.2		08/07/98	04/01/14	12/06/13
1252	Ferrous hydroxide; (Iron(II) hydroxide)	18624-44-7				3.4		09/30/97	02/18/14	02/18/14
1253	Ferrous Oxalate; (Iron(II) oxalate)	516-03-0						07/22/10	02/18/14	12/31/11
1254	Ferrous sulfamate	14017-39-1						08/07/98	02/18/14	12/31/11
1255	Ferrous sulfate	7720-78-7				3.65		08/21/96	02/18/14	10/09/12
1256	Ferrous sulfate heptahydrate	7782-63-0				1.895		12/30/95	04/01/14	04/01/14
1257	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3						09/30/97	03/21/16	01/24/12

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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)
1258	Fluenetil	4301-50-2	258.31	mg/m^3	10.56	C16.H15.F.O2	S	
1259	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	87.82	mg/m^3	3.59	B.F4.H	L	
1260	Fluoranthene	206-44-0	202.25	mg/m^3	8.27	C16H10	S	110.19
1261	Fluorene, 9H-	86-73-7	166.22	mg/m^3	6.79	C13H10	S	114.77
1262	Fluorides (as F)	16984-48-8	19	mg/m^3	0.78	F	S	
1263	**Fluorine**	**7782-41-4**	38	ppm	1.55	F2	G	-219.4 triple point
1264	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	141.1	mg/m^3	5.77	F.C6.H4.N.O2	S	27
1265	Fluoro-4-nitrophenol, 2-	403-19-0	157.1	mg/m^3	6.42	C6.H4.F.N.O3	S	120-122
1266	Fluoro-6-nitrophenol, 2-	1526-17-6	157.1	mg/m^3	6.42	C6.H4.F.N.O3		
1267	Fluoroacetamide	640-19-7	77.07	mg/m^3	3.15	C2.H4.F.N.O	S	107-109
1268	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8	100.03	mg/m^3	4.09	C2.H2.F.O2.Na	S	200
1269	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	78.05	mg/m^3	3.19	C2.H3.F.O2	S	35.3
1270	Fluoroacetyl chloride	359-06-8	96.49	mg/m^3	3.94	C2.H2.Cl.F.O	L	
1271	Fluoroaniline, p-	371-40-4	111.13	mg/m^3	4.54	C6.H6.F.N	L	-1.9
1272	Fluorobenzene	462-06-6	96.11	mg/m^3	3.93	C6.H5.F	L	-40
1273	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	100.07	mg/m^3	4.09	F.H.O3.S	L	-89
1274	Fluorotrimethylsilane	420-56-4	92	ppm	3.76	C3H9FSi	L	
1275	Fluorouracil	51-21-8	130.09	mg/m^3	5.32	C4.H3.F.N2.O2	S	282-283
1276	Fonofos	944-22-9	246.34	mg/m^3	10.07	C10.H15.O.P.S2	L	
1277	Forane	26675-46-7	184.5	ppm	7.54	C3.H2.Cl.F5.O		
1278	**Formaldehyde**	**50-00-0**	30.03	ppm	1.23	CH2O	G	-92
1279	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	57.06	ppm	2.33	C2.H3.N.O	L	<-72

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1258	Fluenetil	4301-50-2		0.0000025	25			12/08/02	08/21/13	10/09/12
1259	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	130 dec			1.84		04/14/04	08/21/13	12/31/11
1260	Fluoranthene	206-44-0	384	9.22x10-6	25	1.252 @ 0°C		09/30/97	02/13/16	02/13/16
1261	Fluorene, 9H-	86-73-7	295	7.5	137.4	1.203 @ 0°C		09/30/97	02/13/16	12/31/11
1262	Fluorides (as F)	16984-48-8						08/07/98	08/21/13	10/09/12
1263	**Fluorine**	**7782-41-4**	-188.12	750	-188.3	1.553		11/30/92	02/12/15	
1264	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	206-207			1.338		10/11/05	10/09/13	10/09/13
1265	Fluoro-4-nitrophenol, 2-	403-19-0						12/08/02	09/26/14	11/19/13
1266	Fluoro-6-nitrophenol, 2-	1526-17-6						12/08/02	09/26/14	11/19/13
1267	Fluoroacetamide	640-19-7	250	0.001	25			12/08/02	01/24/13	01/24/13
1268	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8						06/13/02	10/18/13	12/31/11
1269	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
1270	Fluoroacetyl chloride	359-06-8	73	80	25			12/08/02	01/24/13	01/24/13
1271	Fluoroaniline, p-	371-40-4	188	1	25	1.1725 @ 20°C		07/11/07	08/21/13	12/31/11
1272	Fluorobenzene	462-06-6	85.2			1.024		04/14/04	08/21/13	12/31/11
1273	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	163			1.726		09/05/08	08/21/13	
1274	Fluorotrimethylsilane	420-56-4						03/01/00	03/09/15	12/06/13
1275	Fluorouracil	51-21-8	361	0.00001	25			06/13/02	08/21/13	12/31/11
1276	Fonofos	944-22-9	380	0.00021	25	1.16		12/08/02	03/02/15	08/27/14
1277	Forane	26675-46-7						10/11/05	06/06/13	06/06/13
1278	**Formaldehyde**	**50-00-0**	-19.1	750	-19.3	0.815 @ -20°C		11/30/92	03/09/15	
1279	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	183	1.8	25	1.1		12/08/02	08/21/13	06/28/12

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1280	Formamide	75-12-7	45.05	ppm	1.84	CH3NO	L	2.5
1281	Formetanate hydrochloride	23422-53-9	257.72	mg/m^3	10.53	C11H15N3O2ClH	S powder	201 dec
1282	**Formic acid**	**64-18-6**	46.03	ppm	1.88	CH2O2	L	8.3
1283	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	86.1	mg/m^3	3.52	C4.H6.O2	L	
1284	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	102.15	ppm	4.18	C5-H10-O2	L	-90
1285	Formothion	2540-82-1	257.27	mg/m^3	10.51	C6H12NO4PS2	L	25.5
1286	Formparanate	17702-57-7	235.32	mg/m^3	9.62	C12.H17.N3.O2	S	
1287	Formylpiperidine, 1-	2591-86-8	113.18	ppm	4.63	C6.H11.N.O.	L	-30.8
1288	Fosthietan	21548-32-3	241.28	mg/m^3	9.86	C6.H12.N.O3.P.S2	L	
1289	Fuberidazole	3878-19-1	184.21	mg/m^3	7.53	C11H8N2O	S	286
1290	Fulminic acid; (Carbyloxime)	506-85-4	43.02	ppm	1.76	CHNO	L unstabl	
1291	**Furan**	**110-00-9**	68.07	ppm	2.78	C4H4O	L	-85.61
1292	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	96.09	ppm	3.93	C5H4O2	L	-38.1
1293	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	140.14	ppm	5.73	C7H8O3	S	34.5
1294	Furfuryl alcohol	98-00-0	98.1	ppm	4.01	C5H6O2	L	-14.6
1295	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1	466.58	mg/m^3	19.07	C24H34O9	S	151-152
1296	Gadolinium	7440-54-2	157.25	mg/m^3	6.43	Gd	S	1312
1297	Gadolinium chloride hexahydrate	13450-84-5	371.72	mg/m^3	15.19	Gd.Cl3.6(H2.O)	S	
1298	Gadolinium hydroxide	16469-18-4	208.27	mg/m^3	8.51	Gd.(O.H)3	S	
1299	Gadolinium nitrate, solid	10168-81-7	343.28	mg/m^3	14.03	GdN3O9	S	92
1300	Gadolinium nitrite	z-0022	295.25	mg/m^3	12.07	Gd.(N.O2)3	S	
1301	Gadolinium(III) oxide	12064-62-9	362.4982	mg/m^3	14.82	Gd2.O3	S hygr	2339

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1280	Formamide	75-12-7	220	0.061	25	1.134 @ 20°C		01/04/99	03/09/15	10/09/12
1281	Formetanate hydrochloride	23422-53-9		0.027 mPa	25			12/08/02	08/21/13	07/26/12
1282	**Formic acid**	**64-18-6**	101	75	37	1.220 @ 20°C	180000	10/31/92	03/09/15	06/23/10
1283	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	83			0.948 @ 18°C		12/08/02	08/21/13	12/31/11
1284	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
1285	Formothion	2540-82-1		0.0000085	30	1.361 @ 20°C		12/08/02	10/02/13	08/19/13
1286	Formparanate	17702-57-7	385	0.0000025	25			12/08/02	08/21/13	10/09/12
1287	Formylpiperidine, 1-	2591-86-8	222.5			1.019		10/11/05	08/21/13	07/10/12
1288	Fosthietan	21548-32-3	250	0.0000065	25	1.3		12/08/02	08/21/13	10/09/12
1289	Fuberidazole	3878-19-1		0.00001	25			12/08/02	08/21/13	12/31/11
1290	Fulminic acid; (Carbyloxime)	506-85-4						07/11/07	10/09/13	10/09/13
1291	**Furan**	**110-00-9**	31.5	750	31	0.9514 @ 20°C	23000	12/30/95	08/21/13	12/31/11
1292	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	161.7	0.75	16	1.1594 @ 20°C	21000	11/15/96	11/12/09	
1293	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
1294	Furfuryl alcohol	98-00-0	171	0.75	25	1.1296 @ 20°C	18000	09/30/97	08/21/13	06/06/13
1295	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1						03/01/00	01/07/15	01/07/15
1296	Gadolinium	7440-54-2	3273			7.898		04/14/04	08/21/13	06/28/12
1297	Gadolinium chloride hexahydrate	13450-84-5						07/11/07	08/21/13	10/29/12
1298	Gadolinium hydroxide	16469-18-4						12/08/02	11/19/13	11/19/13
1299	Gadolinium nitrate, solid	10168-81-7						08/07/98	08/21/13	12/31/11
1300	Gadolinium nitrite	z-0022						01/10/01	02/03/14	02/03/14
1301	Gadolinium(III) oxide	12064-62-9	3900			7.407 @ 15°C		12/08/02	08/21/13	02/17/12

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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)
1302	Gallic acid monohydrate	5995-86-8	188.1366	mg/m^3	7.69	C7.H8.O6	S	251
1303	Gallium	7440-55-3	69.72	mg/m^3	2.85	Ga	S	29.78
1304	Gallium oxide	12024-21-4	187.44	mg/m^3	7.66	Ga2O3	S	1807
1305	Gallium trichloride	13450-90-3	176.07	mg/m^3	7.20	Ga.Cl3	S/L	78
1306	Gallium trifluoride	7783-51-9	126.72	mg/m^3	5.18	F3Ga	S	> 1000
1307	**Gasoline**	**86290-81-5**	72	ppm	2.94	[Unspecified]	L	-90.5
1308	**Germane; (Germanium tetrahydride)**	**7782-65-2**	76.63	ppm	3.13	Ge.H4	G	-165
1309	Germanium	7440-56-4	72.59	mg/m^3	2.97	Ge	S crystals	938.25
1310	Germanium oxide	1310-53-8	104.59	mg/m^3	4.27	GeO2	S	1115 sol
1311	Germanium tetrafluoride	7783-58-6	148.6	mg/m^3	6.07	Ge.F4	G	-15
1312	Germanous acid	z-0023	122.604	mg/m^3	5.01	Ge.H2.O3	S	
1313	Giemsa's stain; (Blood stain)	51811-82-6		mg/m^3		[Unknown]	S	300
1314	Gluconic acid, D-	526-95-4	196.18	mg/m^3	8.02	C6.H12.O7	S	131
1315	**Gluteraldehyde**	**111-30-8**	100.13	ppm	4.09	C5H8O2	L	-14
1316	Glycerine (mist); (Glycerol; Glycerin)	56-81-5	92.09	mg/m^3	3.76	C3H8O3	L	18.1
1317	Glycerine carbonate; (4-Hydroxymethyl-1,3-dioxolan-2-one)	931-40-8	118.09	mg/m^3	4.83	C4.H6.O4	S	
1318	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1	358.63	mg/m^3	14.66	C21H42O4	S	56-58
1319	Glycidaldehyde	765-34-4	72.06	ppm	2.95	C3H4O2	L	-62
1320	Glycidol; (Oxiranemethanol, 1-Propanol, 2,3-epoxy)	556-52-5	74.09	ppm	3.03	C3.H6.O2	L	-45
1321	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethoxysilane)	2530-83-8	236.38	mg/m^3	9.66	C9.H20.O5.Si	L	
1322	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	128.14	ppm	5.24	C6.H8.O3	L	-41.5
1323	Glycol carbonate; (Ethylene carbonate)	96-49-1	88.07	mg/m^3	3.60	C3.H4.O3	S	36.4

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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
1302	Gallic acid monohydrate	5995-86-8						10/11/05	10/17/113	08/21/13
1303	Gallium	7440-55-3	2204			5.904		08/07/98	08/21/13	12/31/11
1304	Gallium oxide	12024-21-4				5.88		08/07/98	08/21/13	01/16/12
1305	Gallium trichloride	13450-90-3	201.3			2.47 @ 26°C		06/13/02	08/21/13	06/28/12
1306	Gallium trifluoride	7783-51-9				4.47		08/07/98	08/21/13	12/31/11
1307	**Gasoline**	**86290-81-5**	32-210	304-684	37.8	0.70-0.80	13000	09/30/97	08/21/13	06/23/10
1308	**Germane; (Germanium tetrahydride)**	**7782-65-2**	-90			1.523 @ -142°C		12/08/02	02/17/15	01/21/10
1309	Germanium	7440-56-4	2,833	0	25	5.323		10/11/05	08/21/13	12/31/11
1310	Germanium oxide	1310-53-8				4.25		08/07/98	08/21/13	12/31/11
1311	Germanium tetrafluoride	7783-58-6	-36.5					10/11/05	08/21/13	12/31/11
1312	Germanous acid	z-0023						12/08/02	10/29/14	10/29/14
1313	Giemsa's stain; (Blood stain)	51811-82-6				0.89		04/14/04	08/21/13	12/31/11
1314	Gluconic acid, D-	526-95-4				1.24		07/11/07	08/21/13	12/31/11
1315	**Gluteraldehyde**	**111-30-8**	188 dec	0.6	30	0.72		01/04/99	05/15/15	08/24/07
1316	Glycerine (mist); (Glycerol; Glycerin)	56-81-5	290	7.5x10-3	96	1.2613 @ 20°C		08/21/96	01/15/16	01/15/16
1317	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
1318	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1				0.97		11/15/96	01/15/16	12/31/11
1319	Glycidaldehyde	765-34-4	112.5			1.1403 @ 20°C		09/30/97	10/29/13	10/29/13
1320	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
1321	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethoxysilane)	2530-83-8	290			1.065-1.075		07/11/07	08/21/13	12/31/11
1322	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
1323	Glycol carbonate; (Ethylene carbonate)	96-49-1	248	0.01	20	1.322 @ 40°C		04/14/04	08/21/13	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)
1324	Glycolic acid; (Hydroxyacetic acid)	79-14-1	76.06	mg/m^3	3.11	C2H4O3	S	63(alpha) 79(beta)
1325	Glycols, polyethylene, dimethyl ether	24991-55-7		mg/m^3		(C2.H4.O)n.C2.H6.O	L	
1326	Glycols, polyethylene, mono(p-nonylphenyl) ether	26027-38-3		mg/m^3		(C2H4O)n C15H24O	L (n<15)	
1327	Glycoluril; (Acetyleneurea)	496-46-8	142.117	mg/m^3	5.81	C2.H6.N2.O4	S	300 dec
1328	Glyoxal; (Ethanedione, 1, 2-)	107-22-2	58.04	mg/m^3	2.37	C2.H2.O2	L	15
1329	Gold	7440-57-5	196.97	mg/m^3	8.05	Au	S	1064.76
1330	Guanidine hydrochloride	50-01-1	95.53	mg/m^3	3.90	C.H5.N3.Cl.H	S	183
1331	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	147.12	mg/m^3	6.01	C2.H5.N5.O3	S	118
1332	Hafnium	7440-58-6	178.49	mg/m^3	7.30	Hf	S	2233
1333	Hafnium oxide	12055-23-1	210.49	mg/m^3	8.60	HfO2	S	2800
1334	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	165.37	ppm	6.76	BrCClF2	G	-160.5
1335	Hansa yellow	13515-40-7	390.61	mg/m^3	15.96	C17H15ClN4O5		
1336	**HCFC-123; (Dichloro-1,1,1-trifluoroethane, 2,2-)**	**306-83-2**	152.93	ppm	6.25	C2.H.Cl2.F3	L	-107
1337	**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
1338	Helium	7440-59-7	4	ppm	0.16	He	G	-272.2
1339	Heptachlor	76-44-8	373.32	mg/m^3	15.26	C10H5Cl7	S	95.5
1340	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3	389.32	mg/m^3	15.91	C10H5Cl7O		160
1341	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	
1342	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	
1343	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	
1344	Heptadecane	629-78-7	240.53	ppm	9.83	C17-H36	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
1324	Glycolic acid; (Hydroxyacetic acid)	79-14-1	100 dec	8.1	80	1.49		01/10/01	08/22/13	12/31/11
1325	Glycols, polyethylene, dimethyl ether	24991-55-7						10/11/05	08/22/13	12/31/11
1326	Glycols, polyethylene, mono(p-nonylphenyl) ether	26027-38-3				1.06		01/04/99	06/07/13	06/07/13
1327	Glycoluril; (Acetyleneurea)	496-46-8						04/14/04	08/22/13	12/31/11
1328	Glyoxal; (Ethanedione, 1, 2-)	107-22-2	51 @ 776mm	255	25	1.29 @ 20°C		04/14/04	03/09/15	06/26/13
1329	Gold	7440-57-5	2856	1	1869	19.3		01/04/99	08/22/13	06/28/12
1330	Guanidine hydrochloride	50-01-1						04/14/04	08/22/13	12/31/11
1331	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7						06/13/02	11/30/15	11/30/15
1332	Hafnium	7440-58-6	4603	7.5x10-3	2416	13.3		09/30/97	02/24/16	12/31/11
1333	Hafnium oxide	12055-23-1	5400			9.68		08/07/98	05/06/14	12/31/11
1334	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	-4	2070	25	1.85		08/07/98	05/04/15	05/04/15
1335	Hansa yellow	13515-40-7						09/30/97	02/24/16	12/31/11
1336	**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
1337	**HCFC-141b; (Dichloro-1-fluoroethane, 1,1-, Freon 141)**	**1717-00-6**	32	412	25			06/13/02	03/06/15	10/11/05
1338	Helium	7440-59-7	-268.9			0.147 @ -270.8°C		01/10/01	04/10/14	08/17/07
1339	Heptachlor	76-44-8	145 @ 1.5mmHg	4.0x10-4	25	1.57 @ 9°C		12/30/95	08/22/13	01/10/12
1340	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3						08/21/96	08/22/13	06/07/13
1341	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
1342	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
1343	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
1344	Heptadecane	629-78-7						12/08/02	03/09/15	12/31/11

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1345	Heptafluorobutyric acid	375-22-4	214.05	mg/m^3	8.75	C4.H.F7.O2	L	-19.9
1346	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	
1347	Heptane	142-82-5	100.23	ppm	4.10	C7H16	L	-91.61
1348	Heptanoic acid	111-14-8	130.21	ppm	5.32	C7.H14.O2	L	-7.5
1349	Heptanol, 1-; (Heptyl alcohol)	111-70-6	116.23	mg/m^3	4.75	C7-H16-O	L	-34.6
1350	Heptene, 1-	592-76-7	98.21	ppm	4.01	C7.H14	L	-10
1351	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6	220.06	mg/m^3	8.99	Cr.(CO)6	S	152-155
1352	Hexachloroacetone	116-16-5	264.73	mg/m^3	10.82	C3.Cl6.O	L	-2
1353	Hexachlorobenzene	118-74-1	284.78	mg/m^3	11.64	C6Cl6	S	228.83
1354	**Hexachlorobutadiene**	**87-68-3**	260.76	ppm	10.66	C4Cl6	L	-21
1355	Hexachlorocylopentadiene	77-47-4	272.77	ppm	11.15	C5Cl6	L	-9
1356	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
1357	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	374.84	mg/m^3	15.32	C12H2Cl6O	S (?)	
1358	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9	374.84	mg/m^3	15.32	C12H2Cl6O	S (?)	
1359	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	
1360	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5	374.84	mg/m^3	15.32	C12H2Cl6O	S (?)	
1361	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7	390.86	mg/m^3	15.97	C12H2Cl6O2	S	285
1362	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	
1363	Hexachloroethane	67-72-1	236.74	ppm	9.68	C2Cl6	S	186.8 triple point
1364	Hexachloronaphthalene	1335-87-1	334.74	mg/m^3	13.68	C10H2Cl6	S	137.2
1365	Hexachloropropene	1888-71-7	248.73	ppm	10.17	C3Cl6	L	-72.9

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1345	Heptafluorobutyric acid	375-22-4	120.8			1.645		10/11/05	08/22/13	12/31/11
1346	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
1347	Heptane	142-82-5	98.52	40	22.3	0.684	10500	08/07/98	03/09/15	06/07/13
1348	Heptanoic acid	111-14-8	222.2	0.0056	25	0.918		10/11/05	08/22/13	12/31/11
1349	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
1350	Heptene, 1-	592-76-7	93.6	59.3	25	0.6969 @ 20°C		10/11/05	08/22/13	12/31/11
1351	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6						12/08/02	10/30/14	10/30/14
1352	Hexachloroacetone	116-16-5	202.2	0.376	20	1.74 @ 12°C		07/11/07	10/22/13	12/31/11
1353	Hexachlorobenzene	118-74-1	325	4.9x10-5	25	2.044 @ 23°C		12/30/95	09/20/13	09/20/13
1354	**Hexachlorobutadiene**	**87-68-3**	215	7.5x10-2	22	1.556		11/30/92	08/22/13	
1355	Hexachlorocylopentadiene	77-47-4	239	0.06	25	1.7019		12/30/95	11/18/14	11/18/14
1356	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
1357	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9						09/30/97	12/11/14	12/11/14
1358	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9						09/30/97	12/11/14	12/11/14
1359	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
1360	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5						09/30/97	12/11/14	12/11/14
1361	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
1362	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
1363	Hexachloroethane	67-72-1	184.7 subl	0.75	33.6	2.091 @ 21°C		12/30/95	08/22/13	12/31/11
1364	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
1365	Hexachloropropene	1888-71-7	209-210	0.244	25	1.76 @ 20°C		06/13/02	08/22/13	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)
1366	Hexadecanamine, 1-	143-27-1	241.52	mg/m^3	9.87	C16.H35.N	S	46.2
1367	Hexadecane	544-76-3	226.5	mg/m^3	9.26	C16H34	L	18.14
1368	Hexadecanoic acid; (Palmitic acid)	57-10-3	256.48	mg/m^3	10.48	C16H32O2	S	63-64
1369	Hexadecanol, 1-	36653-82-4	242.5	mg/m^3	9.91	C16H34O	S	50
1370	Hexadecene, 1-	629-73-2	224.48	ppm	9.17	C16-H32	L	4.1
1371	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5	340.05	mg/m^3	13.90	C21.H38.N.Cl	S	80
1372	Hexadecyltrimethylammonium chloride	112-02-7	320.07	mg/m^3	13.08	C19.H40.Cl.N	S	
1373	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	168.05	ppm	6.87	C3.H2.F6.O	L	-2
1374	**Hexafluoroacetone**	**684-16-2**	166.02	ppm	6.79	C3F6O	G	-125.45
1375	Hexafluorobenzene	392-56-3	186.06	ppm	7.60	C6.F6	L	4-Mar
1376	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	162.04	ppm	6.62	C4.F6	G	-117.4
1377	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	138.02	ppm	5.64	C2.F6	G	
1378	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	150.02	ppm	6.13	C3F6	G	-156.5
1379	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0		mg/m^3		(-C3-F6.C2-H2-F2)x	S	
1380	Hexamethylcyclotrisiloxane	541-05-9	222.46	mg/m^3	9.09	C6H18O3Si3	S	64.5
1381	Hexamethyldisilazane	999-97-3	161.44	mg/m^3	6.60	C6H19NSi2	L	
1382	Hexamethyldisiloxane	107-46-0	162.42	ppm	6.64	C6H18OSi	L	-59
1383	Hexamethylene diisocyanate polymer	28182-81-2		mg/m^3		(C8H12N2O2)x	S	
1384	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	168.19	ppm	6.87	C8H12N2O2	L	-67
1385	Hexamethyleneimine	111-49-9	99.2	mg/m^3	4.05	C6.H13.N	L	-37
1386	Hexamethylenetetraamine hydrochloride	58713-21-6		mg/m^3		[Unknown]		
1387	Hexamethylenetetraamine; (Methenamine)	100-97-0	140.19	mg/m^3	5.73	C6H12N4	S	>250

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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
1366	Hexadecanamine, 1-	143-27-1	322.5			0.8129 @ 20°C		10/11/05	03/09/15	10/03/13
1367	Hexadecane	544-76-3	286.5	1	105.3	0.77335		01/04/99	08/23/13	02/17/12
1368	Hexadecanoic acid; (Palmitic acid)	57-10-3	271.5@100			0.849		03/01/00	08/23/13	05/29/12
1369	Hexadecanol, 1-	36653-82-4	178-182			0.8176 @ 50°C/4°C		03/01/00	08/23/13	12/31/11
1370	Hexadecene, 1-	629-73-2	284.4			0.7811 @ 20°C		12/08/02	08/23/13	08/23/13
1371	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5						04/15/07	08/23/13	12/31/11
1372	Hexadecyltrimethylammonium chloride	112-02-7						07/11/07	03/09/15	12/31/11
1373	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	59			1.46		07/11/07	08/23/13	12/31/11
1374	**Hexafluoroacetone**	**684-16-2**	-27.4	750	-27.6	1.33		12/30/95	02/12/15	10/29/14
1375	Hexafluorobenzene	392-56-3	81-82			1.61 @ 20°C		07/11/07	06/07/13	06/07/13
1376	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
1377	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	-78.2			4.76 (air=1)		10/11/05	06/26/13	06/26/13
1378	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	-29.6	750	-30.6	1.583 @ -40°C		08/21/96	02/13/15	12/31/07
1379	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0				1.78		04/14/04	08/23/13	12/31/11
1380	Hexamethylcyclotrisiloxane	541-05-9	134			1.12		03/01/00	12/06/13	12/06/13
1381	Hexamethyldisilazane	999-97-3	125	13.8	25	0.76		08/07/98	10/03/13	10/03/13
1382	Hexamethyldisiloxane	107-46-0	101			0.76 @ 20°C		12/08/02	03/09/15	12/31/11
1383	Hexamethylene diisocyanate polymer	28182-81-2						09/30/97	02/24/16	12/31/11
1384	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
1385	Hexamethyleneimine	111-49-9	138	8.09	25	0.8643 @ 22°C		07/11/07	03/09/15	12/31/11
1386	Hexamethylenetetraamine hydrochloride	58713-21-6						07/09/97	02/04/16	12/31/11
1387	Hexamethylenetetraamine; (Methenamine)	100-97-0	subl	4.0x10-3	25	1.331 @ -5°C		07/09/97	02/04/16	01/25/12

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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)
1388	Hexamethylphosphoramide	680-31-9	179.2	ppm	7.32	C6H18N3OP	L	7.2
1389	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	422.92	ppm	17.29	C30.H62	L	-38
1390	Hexanal	66-25-1	100.18	ppm	4.09	C6-H12-O	L	-56.3
1391	**Hexane**	**110-54-3**	86.18	ppm	3.52	C6H14	L	-95.35
1392	Hexanediol diacrylate, 1,6-	13048-33-4	226.3	mg/m^3	9.25	C12.H18.O4	L	
1393	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	118.2	mg/m^3	4.83	C6.H14.O2	S hygr.	42
1394	Hexanenitrile	628-73-9	97.18	ppm	3.97	C8-H11-N	L	
1395	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	118.26	ppm	4.83	C6.H14.S	L	-80.56
1396	Hexanoic acid; (caproic acid)	142-62-1	116.18	mg/m^3	4.75	C6H12O2	L	-3
1397	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	102.2	mg/m^3	4.18	C6.H14.O	L	
1398	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	102.2	ppm	4.18	C6H14O	L	-46.7
1399	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	100.18	ppm	4.09	C6H12O	L	-56.9
1400	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	100.18	ppm	4.09	C6-H12-O	L	
1401	Hexanoyl chloride	142-61-0	134.603	mg/m^3	5.50	C6.H11.Cl.O	L	-87
1402	Hexaphenylcyclotrisiloxane	512-63-0	594.8892	mg/m^3	24.31	C36.H30.O3.Si3	S	184-188
1403	**Hexene, 1-**	**592-41-6**	84.158	ppm	3.44	C6H12	L	-139.9
1404	Hexylene glycol	107-41-5	118.2	ppm	4.83	C6H14O2	L	-50
1405	**Hexyltrichlorosilane**	**928-65-4**	219.63	ppm	8.98	C6.H13.Cl3.Si	L	
1406	**HFC 134a; (Tetrafluoroethane, 1,1,1,2-)**	**811-97-2**	102.04	ppm	4.17	C2H2F4	G	
1407	**HFO-1234yf; 2,3,3,3-Tetrafluoropropene**	**754-12-1**	114.04	ppm	4.66	C3F4H2		
1408	**HFO-1234ze; 1,3,3,3-Tetrafluoropropylene**	**29118-24-9**	114.04	ppm	4.66	C3F4H2		
1409	Holmium	7440-60-0	164.93	mg/m^3	6.74	Ho	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
1388	Hexamethylphosphoramide	680-31-9	232.5	0.03	25	1.03 @ 20°C		09/30/97	10/29/13	10/29/13
1389	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
1390	Hexanal	66-25-1	131	11.3	25	0.8335 @ 20°C		12/08/02	08/23/13	12/31/11
1391	**Hexane**	**110-54-3**	68.73	75	9.8	0.6606	11000	11/15/96	03/09/15	02/09/15
1392	Hexanediol diacrylate, 1,6-	13048-33-4		0.017	25	1.01		07/11/07	08/23/13	01/25/12
1393	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
1394	Hexanenitrile	628-73-9	163.6					12/08/02	08/23/13	12/31/11
1395	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	151.11			0.84		04/15/07	08/23/13	12/31/11
1396	Hexanoic acid; (caproic acid)	142-62-1	205	0.18	20	0.9295	13000	01/04/99	08/23/13	12/31/11
1397	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	139			0.814		10/11/05	09/23/14	10/29/13
1398	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
1399	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
1400	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	124			0.813 @ 21.8°C	10000	12/08/02	09/15/14	12/31/11
1401	Hexanoyl chloride	142-61-0	123			0.9784 @ 20°C		07/11/07	10/09/13	12/31/11
1402	Hexaphenylcyclotrisiloxane	512-63-0	300					10/11/05	10/09/13	10/09/13
1403	**Hexene, 1-**	**592-41-6**	64.5	183.7	25	0.6732	12000	01/04/99	03/02/15	08/27/14
1404	Hexylene glycol	107-41-5	197.1	0.05	20	0.9234 @ 15°C		01/04/99	09/11/15	09/11/15
1405	**Hexyltrichlorosilane**	**928-65-4**	190			1.1100 @ 20°C		09/05/08	02/12/15	01/03/08
1406	**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
1407	**HFO-1234yf; 2,3,3,3-Tetrafluoropropene**	**754-12-1**						07/06/12	08/23/13	
1408	**HFO-1234ze; 1,3,3,3-Tetrafluoropropylene**	**29118-24-9**						07/06/12	03/09/15	
1409	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)
1410	Holmium trioxide	12055-62-8	377.859	mg/m^3	15.44	Ho2-O3	S	2415
1411	**Hydrazine**	**302-01-2**	32.05	ppm	1.31	H4N2	L	1.54
1412	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
1413	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	68.52	mg/m^3	2.80	ClH5N2	S	89
1414	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6	95.06	mg/m^3	3.89	H4N2-HNO3	S	70
1415	Hydrazine sulfate	10034-93-2	130.14	mg/m^3	5.32	H4N2.H2SO4	S/L	254 decom
1416	Hydrazine, dihydrochloride	5341-61-7	104.98	mg/m^3	4.29	Cl.H.0.5 H4.N2	S	197 dec
1417	Hydrogen	1333-74-0	2.02	ppm	0.08	H2	G	-259.18
1418	**Hydrogen bromide; (Hydrobromic acid)**	**10035-10-6**	80.92	ppm	3.31	BrH	G	-87
1419	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	36.46	ppm	1.49	ClH	G	-114.17
1420	**Hydrogen cyanide; (Hydrocyanic acid)**	**74-90-8**	27.03	ppm	1.10	CHN	L or G	-13.29
1421	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	20.01	ppm	0.82	FH	G	-83.36
1422	**Hydrogen iodide; (Hydriodic acid)**	**10034-85-2**	127.91	ppm	5.23	HI	G	-50.8
1423	**Hydrogen peroxide**	**7722-84-1**	34.02	ppm	1.39	H2O2	L	-0.43
1424	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
1425	**Hydrogen selenide**	**7783-07-5**	80.98	ppm	3.31	H2Se	G	-64
1426	**Hydrogen sulfide**	**7783-06-4**	34.08	ppm	1.39	H2S	G	-85.5
1427	Hydrogenated terphenyl	61788-32-7	298	ppm	12.18		L	
1428	Hydroquinone	123-31-9	110.12	mg/m^3	4.50	C6H6O2	S	172
1429	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	104.11	mg/m^3	4.26	C4.H8.O3	S	82.5
1430	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9	224.28	mg/m^3	9.17	C12.H16.O4	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1410	Holmium trioxide	12055-62-8				8.41		12/08/02	08/23/13	12/31/11
1411	**Hydrazine**	**302-01-2**	113.55	14.4	25	1.0036	29000	11/30/92	02/09/15	06/02/09
1412	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
1413	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	240 dec			1.5		08/07/98	03/28/16	03/28/16
1414	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6						09/30/97	03/22/16	12/09/11
1415	Hydrazine sulfate	10034-93-2				1.378		06/13/02	12/11/15	12/11/15
1416	Hydrazine, dihydrochloride	5341-61-7				1.42		10/11/05	08/23/13	12/31/11
1417	Hydrogen	1333-74-0	-252.8	1240000	25	0.070 @ -253°C	40000	06/13/02	04/10/14	08/17/07
1418	**Hydrogen bromide; (Hydrobromic acid)**	**10035-10-6**	-66.5	18,410	25	3.31 g/L		08/07/98	02/12/15	09/26/14
1419	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	-85	750	-85.2	1.49		11/30/92	02/12/15	10/11/05
1420	**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
1421	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	20	750	19.2	0.818		11/30/92	02/12/15	06/02/09
1422	**Hydrogen iodide; (Hydriodic acid)**	**10034-85-2**	-35.38	5940	25	5.66		08/07/98	02/17/15	02/16/12
1423	**Hydrogen peroxide**	**7722-84-1**	150.2	0.75	13	1.44		11/30/92	06/23/10	04/20/07
1424	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
1425	**Hydrogen selenide**	**7783-07-5**	-41.4	7600	23.4			03/01/00	09/11/15	09/11/15
1426	**Hydrogen sulfide**	**7783-06-4**	-59.55	750	-60.5	1.393	40000	11/30/92	02/12/15	06/22/07
1427	Hydrogenated terphenyl	61788-32-7	340			1.006		07/11/07	08/23/13	12/31/11
1428	Hydroquinone	123-31-9	285	1.9x10-5	25	1.358 @ 20°C		08/07/98	09/18/15	06/10/13
1429	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	212					04/14/04	08/23/13	12/31/11
1430	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9						10/11/05	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)
1431	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	116.18	ppm	4.75	C6H12O2	L	-44
1432	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5	502.31	mg/m^3	20.53	Ca5.OH.(PO4)3	S	
1433	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9	174.18	mg/m^3	7.12	C6.H6.O4.S	S	
1434	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7	138.1226	mg/m^3	5.65	C7.H6.O3	S	214.5
1435	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2	135.14	mg/m^3	5.52	C6.H5.N3.O	S	157-158
1436	Hydroxyethyl acrylate, 2-; (Acrylic acid, 2-hydroxyethyl ester)	818-61-1	116.13	ppm	4.75	C5.H8.O3	L	
1437	Hydroxyethyl methacrylate, 2-	868-77-9	130.14	mg/m^3	5.32	C6H10O3	L	-12
1438	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9	238.24	mg/m^3	9.74	C6.H18.N2.O4.S	S	
1439	Hydroxyethylenediaminetriacetic acid, N-	150-39-0	278.3	mg/m^3	11.37	C10H18N2O7	S	160-5 dec
1440	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4	206.03	mg/m^3	8.42	C2H8O7P2	S	105
1441	Hydroxylamine	7803-49-8	33.04	mg/m^3	1.35	H3NO	L	34
1442	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	69.5	mg/m^3	2.84	ClH4NO	S	159 dec
1443	Hydroxylamine nitrate	13465-08-2	96.04	mg/m^3	3.93	H4N2O4	L	
1444	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0	164.16	mg/m^3	6.71	H8N2O6S	S	170
1445	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0	119.1	mg/m^3	4.87	C.H4.O3.S.Na	S	63
1446	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1	213.2354	mg/m^3	8.72	C13.H11.N.O2		118-120
1447	Hydroxyphenyl)benzothiazole, 2-(2-	3411-95-8	227.28	mg/m^3	9.29	C13.H9.N.O.S	S	131-133
1448	Hydroxyphenylacetic acid, alpha-	90-64-2	152.16	mg/m^3	6.22	C8.H8.O3	S	117-119
1449	Hydroxyquinoline sulfate, 8-	134-31-6	388.42	mg/m^3	15.88	C18.H14.N2.O2.H2.O4.S	S	177.5
1450	Hypophosphorous acid-d3; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2O)	57583-56-9	69.01	mg/m^3	2.82	D3.P.O2		
1451	Hypophosphorus acid; (Phosphonic acid)	6303-21-5	66	mg/m^3	2.70	H3.O2.P	S	26.5
1452	Imidazole	288-32-4	68.09	mg/m^3	2.78	C3.H4.N2	S	90-91

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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
1431	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
1432	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5						05/19/07	08/26/13	08/26/13
1433	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9				1.337		07/11/07	08/26/13	12/31/11
1434	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7		1.90E-07	25	1.46		08/17/07	08/26/13	12/31/11
1435	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2						07/11/07	08/26/13	12/31/11
1436	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
1437	Hydroxyethyl methacrylate, 2-	868-77-9	67	0.126	25	1.034		10/11/05	08/26/13	01/16/12
1438	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9						04/14/04	08/26/13	07/12/12
1439	Hydroxyethylenediaminetriacetic acid, N-	150-39-0						01/10/01	08/26/13	12/31/11
1440	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4						01/10/01	10/18/13	02/17/12
1441	Hydroxylamine	7803-49-8	58	53	32	1.227		08/07/98	08/26/13	12/31/11
1442	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	expl			1.6717		08/07/98	05/29/12	05/29/12
1443	Hydroxylamine nitrate	13465-08-2	~100			1.156		08/07/98	04/02/15	04/02/15
1444	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0						08/07/98	08/26/13	12/31/11
1445	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0						10/11/05	08/26/13	12/31/11
1446	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1						10/11/05	08/26/13	12/31/11
1447	Hydroxyphenyl)benzothiazole, 2-(2-	3411-95-8						07/11/07	08/26/13	12/31/11
1448	Hydroxyphenylacetic acid, alpha-	90-64-2	dec			1.3		10/11/05	08/26/13	12/31/11
1449	Hydroxyquinoline sulfate, 8-	134-31-6	267	0.00166	25	1.034 @ 20°C		10/11/05	08/26/13	12/31/11
1450	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
1451	Hypophosphorus acid; (Phosphonic acid)	6303-21-5	130			1.439		08/07/98	08/26/13	12/31/11
1452	Imidazole	288-32-4	257			1.0303 @ 101°C		04/14/04	10/03/13	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)
1453	Imidazole hydrochloride	1467-16-9	104.54	mg/m^3	4.27	C3.H4.N2.H.Cl	S	158-161
1454	Iminodiacetic acid	142-73-4	133.12	mg/m^3	5.44	C4H7NO4	S	220-250
1455	Iminodiacetic acid, disodium salt hydrate	17593-73-6	195.08	mg/m^3	7.97	C4.H7.N.Na2.O5	S	180
1456	Indan	496-11-7	118.19	mg/m^3	4.83	C9H10	L	-51.4
1457	Indene	95-13-6	116.16	ppm	4.75	C9H8	L	-1.5
1458	Indeno(1,2,3-cd)pyrene	193-39-5	276.34	mg/m^3	11.29	C22H12	S	161-163.5
1459	Indigo carmine; (FD&C blue No 2)	860-22-0	466.36	mg/m^3	19.06	C16H8N2Na2O8S2	S	
1460	Indium	7440-74-6	114.82	mg/m^3	4.69	In	S	156.61
1461	Indium oxide (vapor); (Diindium monoxide)	12030-22-7	249.67	mg/m^3	10.20	H4In2-O	V	
1462	Indium sulfate	13464-82-9	517.82	mg/m^3	21.16	O12.S3.In2	S	
1463	Indium trichloride	10025-82-8	221.17	mg/m^3	9.04	Cl3In	S	583
1464	Indium(III) oxide	1312-43-2	277.64	mg/m^3	11.35	In2-O3	S	1913
1465	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8	145.17	ppm	5.93	C9-H7-N-O		
1466	Iodic acid	7782-68-5	175.91	mg/m^3	7.19	HIO3	S	110 dec
1467	**Iodine**	**7553-56-2**	253.81	ppm	10.37	I2	S	113.7
1468	Iodine 125	17144-19-3	250	ppm	10.22	I2	S	sublimes
1469	Iodobenzene	591-50-4	204.01	mg/m^3	8.34	C6.H5.I	L	-29
1470	Iodoethane; (Ethyl iodide)	75-03-6	155.97	ppm	6.37	C2.H5.I	L	-108
1471	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	295.93	ppm	12.10	C3.F7.I	L	
1472	Iodopentane, 1-	628-17-1	198.06	mg/m^3	8.09	C5.H11.I	L	85.6
1473	Iotalamic acid	2276-90-6	613.92	mg/m^3	25.09	C11.H9.I3.N2.O4	S	285 dec.
1474	Iridium	7439-88-5	192.2	mg/m^3	7.86	Ir	S	2446

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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
1453	Imidazole hydrochloride	1467-16-9						10/11/05	10/03/13	10/03/13
1454	Iminodiacetic acid	142-73-4	247.5 dec					01/10/01	08/26/13	12/31/11
1455	Iminodiacetic acid, disodium salt hydrate	17593-73-6						10/11/05	12/06/13	12/06/13
1456	Indan	496-11-7	176.5			0.963 @ 20°C		01/04/99	08/26/13	12/31/11
1457	Indene	95-13-6	182	0.75	12	0.996		09/30/97	03/09/15	10/29/12
1458	Indeno(1,2,3-cd)pyrene	193-39-5						12/08/02	12/09/13	12/09/13
1459	Indigo carmine; (FD&C blue No 2)	860-22-0						08/07/98	08/26/13	08/26/13
1460	Indium	7440-74-6	2080			7.31 @ 20°C		04/14/04	05/16/14	05/30/12
1461	Indium oxide (vapor); (Diindium monoxide)	12030-22-7						07/02/08	05/16/14	06/26/13
1462	Indium sulfate	13464-82-9				3.44		10/11/05	05/16/14	07/13/13
1463	Indium trichloride	10025-82-8	600			4		08/07/98	05/16/14	06/10/13
1464	Indium(III) oxide	1312-43-2				7.18		12/08/02	05/16/14	10/02/13
1465	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8						12/08/02	08/26/13	12/31/11
1466	Iodic acid	7782-68-5				4.629		08/21/96	08/26/13	10/29/12
1467	**Iodine**	**7553-56-2**	184.4	0.75	35.9	4.933		08/21/96	08/26/13	
1468	Iodine 125	17144-19-3						04/14/04	08/26/13	
1469	Iodobenzene	591-50-4	188			1.823		07/11/07	10/02/13	10/02/13
1470	Iodoethane; (Ethyl iodide)	75-03-6	72.4	100	18	1.948 @ 15°C		10/11/05	10/02/13	10/02/13
1471	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	41			2.04		07/11/07	08/15/13	08/15/13
1472	Iodopentane, 1-	628-17-1	157			1.5161 @ 20°C		07/11/07	08/26/13	12/31/11
1473	Iotalamic acid	2276-90-6						10/11/05	08/26/13	12/23/11
1474	Iridium	7439-88-5	4428			21.56		07/11/07	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)
1475	Iron	7439-89-6	55.85	mg/m^3	2.28	Fe	S	1538
1476	Iron carbide	12011-67-5	179.55	mg/m^3	7.34	Fe3-C	S	
1477	Iron hydroxide oxide	20344-49-4	88.85	mg/m^3	3.63	FeHO2	S	
1478	Iron oxide; (Ferric oxide)	1309-37-1	159.69	mg/m^3	6.53	Fe2O3	S	1539
1479	**Iron pentacarbonyl**	**13463-40-6**	195.9	ppm	8.01	C5FeO5	L	-25
1480	Iron sulfide	1317-37-9	87.91	mg/m^3	3.59	FeS	S	1188
1481	Iron(II) chloride tetrahydrate	13478-10-9	198.83	mg/m^3	8.13	Cl2Fe.4H2O	S	105 dec
1482	Iron(II) oxide; (Ferrous oxide)	1345-25-1	73.85	mg/m^3	3.02	Fe.O	S	1377
1483	Iron(II) perchlorate hexahydrate	13520-69-9	353.34	mg/m^3	14.44	Fe.Cl.O4.6(H2.O)		
1484	Iron(II,III) oxide; (Ferrosoferric oxide)	1317-61-9	231.53	mg/m^3	9.46	Fe3.O4	S	1597
1485	Iron(III) perchlorate	13537-24-1	354.2	mg/m^3	14.48	Cl3FeO12	S	
1486	Iron(III) sulfate heptahydrate	35139-28-7	525.7	mg/m^3	21.49	Fe.S.O4.7H2.O	Shygr.	64
1487	Isoamyl acetate; (Isopentyl acetate)	123-92-2	130.21	ppm	5.32	C7H14O2	L	-78.5
1488	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
1489	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	117.15	ppm	4.79	C5H11NO2	L	
1490	Isobenzan	297-78-9	411.73	mg/m^3	16.83	C9H4Cl8O	S	120-122
1491	Isobutanol-2-amine	124-68-5	89.16	mg/m^3	3.64	C4H11NO	S	30-31
1492	Isobutyl acetate	110-19-0	116.16	ppm	4.75	C6H12O2	L	-98.8
1493	Isobutyl alcohol	78-83-1	74.12	ppm	3.03	C4H10O	L	-101.9
1494	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	92.57	ppm	3.78	C4.H9.Cl	L	-130.3
1495	**Isobutyl chloroformate**	**543-27-1**	136.5779	ppm	5.58	C5.H9.Cl.O2	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1475	Iron	7439-89-6	2861	7.5x10-3	1455	7.87		09/30/97	02/19/14	08/09/12
1476	Iron carbide	12011-67-5						12/08/02	06/10/14	12/31/11
1477	Iron hydroxide oxide	20344-49-4				4.26		08/07/98	02/18/14	12/31/11
1478	Iron oxide; (Ferric oxide)	1309-37-1				5.25		08/21/96	02/19/14	01/25/12
1479	**Iron pentacarbonyl**	**13463-40-6**	103	40	30.3	1.46-1.52 @ 20°C		03/01/00	03/09/15	10/29/12
1480	Iron sulfide	1317-37-9	dec			4.7		02/08/12	04/01/14	04/01/14
1481	Iron(II) chloride tetrahydrate	13478-10-9				1.93		06/13/02	02/18/14	02/18/14
1482	Iron(II) oxide; (Ferrous oxide)	1345-25-1				6		05/24/10	02/19/14	02/19/14
1483	Iron(II) perchlorate hexahydrate	13520-69-9						10/11/05	02/18/14	12/31/11
1484	Iron(II,III) oxide; (Ferrosoferric oxide)	1317-61-9				5.17		04/14/04	02/19/14	12/31/11
1485	Iron(III) perchlorate	13537-24-1						10/11/05	02/19/14	12/31/11
1486	Iron(III) sulfate heptahydrate	35139-28-7				2.99 - 3.08		10/11/05	04/01/14	04/01/14
1487	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
1488	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
1489	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	99.2			0.8828 @ 20°C		12/30/95	03/09/15	12/31/11
1490	Isobenzan	297-78-9		0.00001	25	1.87		12/08/02	02/06/13	10/29/12
1491	Isobutanol-2-amine	124-68-5	165			0.934		01/10/01	08/26/13	12/31/11
1492	Isobutyl acetate	110-19-0	116.5	7.5	10	0.8712 @ 20°C	13000	09/30/97	02/24/16	12/31/11
1493	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
1494	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
1495	**Isobutyl chloroformate**	**543-27-1**	128.7			1.053		04/15/07	02/17/15	12/31/11

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1496	Isobutyl isobutyrate	97-85-8	144.24	mg/m^3	5.90	C8H16O2	L	-81
1497	Isobutylamine	78-81-9	73.16	ppm	2.99	C4H11N	L	-85.5
1498	Isobutyraldehyde	78-84-2	72.12	ppm	2.95	C4H8O	L	-65
1499	Isobutyric acid	79-31-2	88.12	ppm	3.60	C4H8O2	L	-47
1500	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	158.22	ppm	6.47	C8.H14.O3	L	-53.5
1501	**Isobutyronitrile**	**78-82-0**	69.11	ppm	2.82	C4H7N	L	-71.5
1502	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**	155.15	ppm	6.34	C7H9NO3	L	
1503	Isocyanic acid	75-13-8	43.02	ppm	1.76	CHNO	G unstabl	
1504	Isocyanic acid, 3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	188.01	mg/m^3	7.68	C7H3Cl2NO	S	42-43
1505	Isodrin	465-73-6	364.9	mg/m^3	14.91	C12H8Cl6	S	240-242
1506	Isonate 181 MDI prepolymer	z-0113		mg/m^3			L	
1507	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	114.26	ppm	4.67	C18H18	L	-107.5
1508	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	72.17	ppm	2.95	C5H12	S	-160.5
1509	Isophorone	78-59-1	138.21	ppm	5.65	C9H14O	L	-8.1
1510	Isophorone diisocyanate	4098-71-9	222.32	ppm	9.09	C12H18N2O2	S	-60
1511	Isophthalic acid; (Phthalic acid, m isomer)	121-91-5	166.14	mg/m^3	6.79	C8.H6.O4	S	347.5
1512	**Isoprene**	**78-79-5**	68.13	ppm	2.78	H2C=C(CH3)CH=CH2	L	-146.7
1513	Isopropyl acetate	108-21-4	102.15	ppm	4.18	C5H10O2	L	-73
1514	Isopropyl alcohol	67-63-0	60.1	ppm	2.46	C3H8O	L	-87.9
1515	Isopropyl chloride; (2-Chloropropane)	75-29-6	78.54	ppm	3.21	CH3CHClCH3	L	-117
1516	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	122.56	ppm	5.01	C4H7ClO2	L	-80

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1496	Isobutyl isobutyrate	97-85-8	147.5	4.33	25	0.85 @ 20°C	9600	01/04/99	08/26/13	12/31/11
1497	Isobutylamine	78-81-9	68.6	138	25	0.731 @ 20°C	34000	06/13/02	08/26/13	12/31/11
1498	Isobutyraldehyde	78-84-2	64	173	25	0.7938 @ 20°C	16000	06/13/02	08/26/13	10/29/12
1499	Isobutyric acid	79-31-2	118-119	1	14.7	0.949 @ 20°C	20000	06/13/02	08/26/13	12/31/11
1500	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
1501	**Isobutyronitrile**	**78-82-0**	103.9	32.7	25	0.7704 @ 20°C		11/30/92	10/29/14	10/29/14
1502	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**						12/30/95	08/27/13	12/31/11
1503	Isocyanic acid	75-13-8		996	25			07/11/07	12/09/13	12/09/13
1504	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
1505	Isodrin	465-73-6	344	0.00001	25			12/08/02	08/27/13	10/30/12
1506	Isonate 181 MDI prepolymer	z-0113	200					12/08/02	12/09/13	12/09/13
1507	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
1508	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	30.2	595	21.1	0.62	14000	06/13/02	03/09/15	04/21/14
1509	Isophorone	78-59-1	215.2	0.75	33.1	0.9255 @ 20°C	8000	09/30/97	11/19/14	11/19/14
1510	Isophorone diisocyanate	4098-71-9	360	0.00001	25	1.062 @ 20°C		12/08/02	02/05/15	02/05/15
1511	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
1512	**Isoprene**	**78-79-5**	34	400	550	0.679 @ 20°C	15000	06/13/02	03/09/15	07/18/08
1513	Isopropyl acetate	108-21-4	88.4	60.37	25	0.874	18000	01/04/99	03/09/15	02/06/13
1514	Isopropyl alcohol	67-63-0	82.3	75	33.6	0.7809	20000	11/30/92	07/03/13	05/04/12
1515	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
1516	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	105	72	21	1.078		03/01/00	02/13/15	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)
1517	Isopropyl ether; (Diisopropyl ether)	108-20-3	102.2	ppm	4.18	(CH3)2.CHOCH.(CH3)2	L	-60
1518	Isopropyl nitrate	1712-64-7	105.11	ppm	4.30	C3.H7.N.O3	L	
1519	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	72.07	mg/m^3	2.95	C3.H8.O.1/4 Ti	L	~20
1520	Isopropylamine; (2-Propanamine)	75-31-0	59.13	ppm	2.42	(CH3)2CHNH2	L	-101.2
1521	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9	102.8513	mg/m^3	4.20	C3.H7.Cl.Mg	L	
1522	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	211.3	mg/m^3	8.64	C10H17N3O2	L	
1523	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	134.24	mg/m^3	5.49	C10.H14	L	-68.9
1524	Jeffamine M-600	77110-54-4	600	mg/m^3	24.52		S	-40
1525	**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	
1526	Kepone; (Chlordecone)	143-50-0	490.64	mg/m^3	20.05	C10Cl10O	S	350 dec
1527	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	42.04	ppm	1.72	C2H2O	G	-151
1528	Krypton	7439-90-9	83.8	ppm	3.43	Kr	G	-157.1
1529	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	
1530	Lactonitrile	78-97-7	71.09	mg/m^3	2.91	C3H5NO	L	-40
1531	Lanthanum	7439-91-0	138.91	mg/m^3	5.68	La	S	920
1532	Lanthanum alizarin	z-0026		mg/m^3		[Unknown]		
1533	Lanthanum boride	12008-21-8	203.7655	mg/m^3	8.33	La.B6	S	2715
1534	Lanthanum carbonate	6487-39-4	601.96	mg/m^3	24.60	La2(CO3)3.8H2O	S	
1535	Lanthanum chloride	10099-58-8	245.26	mg/m^3	10.02	La.Cl3	S deliq	860
1536	Lanthanum fluoride	13709-38-1	195.9	mg/m^3	8.01	LaF3	S	1493
1537	Lanthanum hydroxide	14507-19-8	189.93	mg/m^3	7.76	La(OH)3	S	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
1517	Isopropyl ether; (Diisopropyl ether)	108-20-3	68.5	150	25	0.719	14000	04/15/07	03/09/15	02/06/13
1518	Isopropyl nitrate	1712-64-7	102			1.036		07/11/07	08/27/13	12/31/11
1519	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	220			0.9711 @ 20°C		04/14/04	08/27/13	12/31/11
1520	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
1521	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9				0.834		04/14/04	12/09/13	12/09/13
1522	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	295	0.001	25	1.07 @ 20°C		12/08/02	08/27/13	10/30/12
1523	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	177.1	1.5	25	0.853	7000	07/11/07	06/26/13	06/26/13
1524	Jeffamine M-600	77110-54-4						10/11/05	08/27/13	10/11/05
1525	**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
1526	Kepone; (Chlordecone)	143-50-0		2.25x10-7	25	1.61		12/30/95	08/16/13	08/16/13
1527	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	-49.8	750	-50			09/30/97	02/09/15	02/09/15
1528	Krypton	7439-90-9	-152.9			2.89		04/14/04	06/03/09	08/17/07
1529	Lactic acid, sodium salt, DL-; (Propanoic acid, 2-hydroxy-, monosodium salt)	312-85-6						07/11/07	08/27/13	12/31/11
1530	Lactonitrile	78-97-7	221	0.119	25	0.9834		12/08/02	08/27/13	05/30/12
1531	Lanthanum	7439-91-0	3464			6.166		01/04/99	08/27/13	12/31/11
1532	Lanthanum alizarin	z-0026						08/07/98	08/27/13	12/31/11
1533	Lanthanum boride	12008-21-8				4.76		04/14/04	08/27/13	12/31/11
1534	Lanthanum carbonate	6487-39-4				2.6		08/07/98	08/27/13	12/31/11
1535	Lanthanum chloride	10099-58-8	1000			3.84		10/11/05	10/08/13	10/08/13
1536	Lanthanum fluoride	13709-38-1				5.9		08/07/98	08/27/13	12/31/11
1537	Lanthanum hydroxide	14507-19-8						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)
1538	Lanthanum nitrate	10099-59-9	324.94	mg/m^3	13.28	LaN3O9	Sdeliq	~40
1539	Lanthanum oxide	1312-81-8	325.82	mg/m^3	13.32	La2O3	S	2304
1540	Lanthanum phosphate	14913-14-5	233.876	mg/m^3	9.56	LaPO4	S	
1541	Lanthanum(III) nitrate hexahydrate	10277-43-7	433.06	mg/m^3	17.70	La.3(NO3).6 H2O	S	~40
1542	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	238.47	mg/m^3	9.75	C15.H30.N2	L	
1543	Lauryl sulfate; (Dodecyl sulfate)	151-41-7	266.4	mg/m^3	10.89	C12.H26.O4.S	S	
1544	Lead	7439-92-1	207.2	mg/m^3	8.47	Pb	S	327.462
1545	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4	379.35	mg/m^3	15.50	C4H12O7Pb	S	75 dec
1546	Lead acetate, basic; (Lead subacetate)	1335-32-6	807.7	mg/m^3	33.01	C4H10O8Pb3	S	dec
1547	Lead acetate; (Lead diacetate)	301-04-2	325.29	mg/m^3	13.30	C4H6O4Pb	Pwdr	280
1548	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9	347.1	mg/m^3	14.19	AsHO4Pb	S	280 dec
1549	Lead arsenate; (Trilead diarsenate)	3687-31-8	899.4	mg/m^3	36.76	As2O8Pb3	S	1042 dec
1550	Lead bromide	10031-22-8	367.01	mg/m^3	15.00	Br2Pb	S	373
1551	Lead carbonate	598-63-0	267.21	mg/m^3	10.92	Pb.CO3	S	315
1552	Lead chloride	7758-95-4	278.09	mg/m^3	11.37	Cl2Pb	S	501
1553	Lead chromate	7758-97-6	323.2	mg/m^3	13.21	CrO4Pb	S	844
1554	Lead dioxide	1309-60-0	239.2	mg/m^3	9.78	O2Pb	S	290 dec
1555	Lead fluoborate	13814-96-5	380.81	mg/m^3	15.56	Pb.B2F8	L	
1556	Lead fluoride	7783-46-2	245.2	mg/m^3	10.02	F2Pb	S	830
1557	Lead hydroxide	19783-14-3	241.21	mg/m^3	9.86	Pb.(OH)2	S	
1558	Lead iodide	10101-63-0	461.01	mg/m^3	18.84	I2Pb	S	410
1559	Lead nitrate	10099-74-8	331.2	mg/m^3	13.54	N2O6Pb	S	470

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1538	Lanthanum nitrate	10099-59-9	~126					09/30/97	03/21/16	01/25/12
1539	Lanthanum oxide	1312-81-8	3620			6.51		08/21/96	08/27/13	12/31/11
1540	Lanthanum phosphate	14913-14-5						12/08/02	02/03/14	02/03/14
1541	Lanthanum(III) nitrate hexahydrate	10277-43-7	126 dec					04/14/04	08/27/13	12/31/11
1542	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	93-100			0.94		09/30/97	02/24/16	12/31/11
1543	Lauryl sulfate; (Dodecyl sulfate)	151-41-7						07/11/07	08/27/13	12/31/11
1544	Lead	7439-92-1	1749	7.5x10-3	705	11.3		12/30/95	05/22/14	12/23/11
1545	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4				2.55		12/30/95	06/10/14	06/10/14
1546	Lead acetate, basic; (Lead subacetate)	1335-32-6	200 dec					12/30/95	06/10/14	08/27/13
1547	Lead acetate; (Lead diacetate)	301-04-2	dec			3.25		01/04/99	06/10/14	06/10/14
1548	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9				5.943		09/30/97	01/28/14	01/28/14
1549	Lead arsenate; (Trilead diarsenate)	3687-31-8				5.8		09/30/97	01/27/14	01/27/14
1550	Lead bromide	10031-22-8	892			6.66		08/07/98	05/22/14	12/31/11
1551	Lead carbonate	598-63-0	400 dec			6.61		12/08/02	05/22/14	01/25/12
1552	Lead chloride	7758-95-4	950	1	547	5.85		08/07/98	05/22/14	05/22/14
1553	Lead chromate	7758-97-6	dec			6.12		09/30/97	03/06/15	03/06/15
1554	Lead dioxide	1309-60-0				9.64		09/30/97	05/22/14	12/31/11
1555	Lead fluoborate	13814-96-5				1.75 @ 20°C		06/13/02	05/22/14	12/31/11
1556	Lead fluoride	7783-46-2	1290	10	904	8.44		08/07/98	05/22/14	01/09/12
1557	Lead hydroxide	19783-14-3						05/20/08	05/22/14	12/31/11
1558	Lead iodide	10101-63-0	872 dec			6.16		08/07/98	05/22/14	12/31/11
1559	Lead nitrate	10099-74-8				4.53		07/09/97	05/22/14	02/17/12

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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)
1560	Lead nitrite	13826-65-8	299.2	mg/m^3	12.23	Pb(NO2)2	S	
1561	Lead oxalate	814-93-7	295.22	mg/m^3	12.07	Pb.(COOH)2	S	
1562	Lead oxide; (Lead monoxide)	1317-36-8	223.2	mg/m^3	9.12	OPb	S	888
1563	Lead phosphate	7446-27-7	811.51	mg/m^3	33.17	3Pb.P2O8	S	1014
1564	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2	303.25	mg/m^3	12.39	O4PbS	S	1087
1565	Lead sulfide	1314-87-0	239.25	mg/m^3	9.78	Pb.S	S	1114
1566	Lead tetroxide	1314-41-6	685.6	mg/m^3	28.02	O4Pb3	S	830
1567	Lead(II) arsenite	10031-13-7	421	mg/m^3	17.21	As2O4Pb	S	
1568	Lead(II) perchlorate trihydrate	13453-62-8	460.15	mg/m^3	18.81	Cl2H6O11Pb	S	
1569	Leco set 7007 powder	z-0027		mg/m^3		[Unknown]		
1570	Leptophos; (Fosvel)	21609-90-5	412.07	mg/m^3	16.84	C13.H10.Br.Cl.O2.P.S	S	70.2-70.4
1571	**Lewisite 1; (Chlorovinylarsine dichloride)**	**541-25-3**	207.31	mg/m^3	8.47	C2.H2.As.Cl3	L	-13
1572	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**	233.35	mg/m^3	9.54	C4.H4.As.Cl3	L	
1573	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**	259.394	mg/m^3	10.60	C6.H6.As.Cl3	L	
1574	Lignosulfonate (aqueous)	8062-15-5		mg/m^3		[Unknown]	L	
1575	Limonene, d-	5989-27-5	136.26	ppm	5.57	C10H16	L	-74.35
1576	Lindane; (gamma-Benzenehexachloride); includes the isomers (319-84-6, 319-85-7, 608-73-1)	58-89-9	290.83	mg/m^3	11.89	C6H6Cl6	S	112.5
1577	Liquified petroleum gas; (L.P.G.)	68476-85-7	43.9	ppm	1.79	[Unspecified]	G	
1578	Lithium	7439-93-2	6.94	mg/m^3	0.28	Li	S	180.5
1579	Lithium acetate dihydrate	6108-17-4	102.02	mg/m^3	4.17	Li.C2.H3.O2.2 H2O	S	58
1580	Lithium aluminate	12003-67-7	65.92	mg/m^3	2.69	Al.Li.O2	S	
1581	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7	49.92	mg/m^3	2.04	AlLiO	S	1900-2000

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1560	Lead nitrite	13826-65-8						12/08/02	05/22/14	12/31/11
1561	Lead oxalate	814-93-7						12/08/02	05/22/14	05/22/14
1562	Lead oxide; (Lead monoxide)	1317-36-8		7.5x10-3	724	9.35		08/21/96	05/22/14	01/09/12
1563	Lead phosphate	7446-27-7				6.9-7.3		06/13/02	05/22/14	01/25/12
1564	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2				6.2		01/04/99	05/22/14	12/31/11
1565	Lead sulfide	1314-87-0	1281	1	852	7.5		06/13/02	05/22/14	05/22/14
1566	Lead tetroxide	1314-41-6				8.92		09/30/97	05/22/14	12/31/11
1567	Lead(II) arsenite	10031-13-7				5.85		01/10/01	01/27/14	01/27/14
1568	Lead(II) perchlorate trihydrate	13453-62-8						10/11/05	05/22/14	12/31/11
1569	Leco set 7007 powder	z-0027						08/07/98	08/27/13	12/31/11
1570	Leptophos; (Fosvel)	21609-90-5	380	0.000002	25	1.53		12/08/02	08/27/13	01/25/13
1571	**Lewisite 1; (Chlorovinylarsine dichloride)**	**541-25-3**	190 dec	0.4	20	1.888 @ 20°C		12/08/02	02/12/15	02/12/15
1572	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**						10/11/05	09/14/15	09/14/15
1573	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**						10/11/05	09/14/15	09/14/15
1574	Lignosulfonate (aqueous)	8062-15-5						09/30/97	08/27/13	07/12/12
1575	Limonene, d-	5989-27-5	178	1.98	25	0.84 @ 20°C		01/04/99	05/28/15	05/28/15
1576	Lindane; (gamma-Benzenehexachloride); includes the isomers (319-84-6, 319-85-7, 608-73-1)	58-89-9	323.4	4.20x10-5	20	1.85 no temp		12/30/95	03/07/16	03/07/16
1577	Liquified petroleum gas; (L.P.G.)	68476-85-7						01/04/99	03/09/15	06/03/13
1578	Lithium	7439-93-2	1342	5.92E-13	127	0.534		12/30/95	01/07/14	01/07/14
1579	Lithium acetate dihydrate	6108-17-4				1.3		04/14/04	08/27/13	12/31/11
1580	Lithium aluminate	12003-67-7						10/11/05	02/27/14	12/31/11
1581	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7				2.5525		08/07/98	02/27/14	08/27/13

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1582	Lithium aluminum silicate; (Petalite)	1302-66-5	306.28	mg/m^3	12.52	AlLiO10Si4	S	
1583	Lithium azide	19597-69-4	48.96	mg/m^3	2.00	LiN3	S	115-298
1584	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	21.78	mg/m^3	0.89	BH4Li	S pwd	268
1585	Lithium bromide	7550-35-8	86.85	mg/m^3	3.55	BrLi	S	550
1586	Lithium carbonate	554-13-2	73.89	mg/m^3	3.02	CLi2O3	S	732
1587	Lithium chloride	7447-41-8	42.39	mg/m^3	1.73	Li.Cl	S	610
1588	Lithium chromate; (Lithium chromium oxide)	14307-35-8	129.88	mg/m^3	5.31	CrLi2O4	S	75 dec
1589	Lithium deuteride	13587-16-1	8.96	mg/m^3	0.37	LiD	S	680
1590	Lithium diisopropylamide; (LDA)	4111-54-0	107.1233	mg/m^3	4.38	C6.H14.Li.N	S	
1591	Lithium fluoride	7789-24-4	25.94	mg/m^3	1.06	FLi	S	848
1592	Lithium hexafluorophosphate	21324-40-3	151.91	mg/m^3	6.21	F6LiP	S	200
1593	**Lithium hydride**	**7580-67-8**	7.95	mg/m^3	0.32	HLi	S	692
1594	Lithium hydroxide	1310-65-2	23.95	mg/m^3	0.98	HLiO	S crystals	473
1595	Lithium hydroxide monohydrate	1310-66-3	41.97	mg/m^3	1.72	Li.OH.H2O	S	
1596	Lithium iodide	10377-51-2	133.8445	mg/m^3	5.47	Li.I	S	469
1597	Lithium metaborate, anhydrous	13453-69-5	49.751	mg/m^3	2.03	Li.B.O2	S hygr	849
1598	Lithium molybdate	13568-40-6	173.82	mg/m^3	7.10	Li2MoO4	S	705
1599	Lithium niobium oxide; (Lithium niobate)	12031-63-9	147.85	mg/m^3	6.04	LiNbO3	S	1250
1600	Lithium nitrate	7790-69-4	68.95	mg/m^3	2.82	LiNO3	S	253
1601	Lithium nitride	26134-62-3	34.83	ppm	1.42	Li3N	S	813
1602	Lithium nitrite	13568-33-7	52.94	mg/m^3	2.16	Li.N.O2	S	
1603	Lithium oxide	12057-24-8	29.88	mg/m^3	1.22	Li2.O	S crystals	1438

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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
1582	Lithium aluminum silicate; (Petalite)	1302-66-5						08/07/98	02/27/14	12/31/11
1583	Lithium azide	19597-69-4				1.83		08/07/98	08/27/13	12/31/11
1584	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	380 dec			0.66		07/11/07	02/04/14	08/27/13
1585	Lithium bromide	7550-35-8	~ 1300	7.5x10-2	630	3.464		11/30/92	03/28/16	03/28/16
1586	Lithium carbonate	554-13-2	1300 dec			2.11		08/07/98	12/11/15	12/11/15
1587	Lithium chloride	7447-41-8	1350	1	547	2.07		04/14/04	01/15/16	01/15/16
1588	Lithium chromate; (Lithium chromium oxide)	14307-35-8				2.15		11/30/92	10/30/14	10/30/14
1589	Lithium deuteride	13587-16-1				0.906		08/07/98	08/27/13	06/04/09
1590	Lithium diisopropylamide; (LDA)	4111-54-0				0.79		07/11/07	08/27/13	12/31/11
1591	Lithium fluoride	7789-24-4	1676	1	1047	2.635		08/07/98	08/27/13	12/31/11
1592	Lithium hexafluorophosphate	21324-40-3				1.5		10/28/13		
1593	**Lithium hydride**	**7580-67-8**		~0	no temp	0.78		11/30/92	08/27/15	04/20/07
1594	Lithium hydroxide	1310-65-2	1626			1.45		11/30/92	08/27/13	12/31/11
1595	Lithium hydroxide monohydrate	1310-66-3				1.51		04/14/04	08/27/13	08/27/13
1596	Lithium iodide	10377-51-2	1171			4.06		10/11/05	08/27/13	12/31/11
1597	Lithium metaborate, anhydrous	13453-69-5	1719			2.18		12/08/02	02/04/14	02/04/14
1598	Lithium molybdate	13568-40-6				2.66		08/07/98	04/10/14	12/31/11
1599	Lithium niobium oxide; (Lithium niobate)	12031-63-9						08/07/98	09/14/15	12/31/11
1600	Lithium nitrate	7790-69-4				2.38		09/30/97	02/25/16	02/25/16
1601	Lithium nitride	26134-62-3				1.27		09/30/97	02/25/16	02/22/16
1602	Lithium nitrite	13568-33-7						12/08/02	01/10/14	01/10/14
1603	Lithium oxide	12057-24-8				2.013		01/29/10	08/27/13	03/06/12

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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)
1604	Lithium perchlorate, anhydrous	7791-03-9	106.39	mg/m^3	4.35	Li.Cl.O4	L	
1605	Lithium silicon	68848-64-6	97.82	mg/m^3	4.00	Li6.Si2	S	
1606	Lithium stearate	4485-12-5	290.47	mg/m^3	11.87	Li.C18.H35.O2	S	220
1607	Lithium sulfate	10377-48-7	109.94	mg/m^3	4.49	Li2O4S	S	859
1608	Lithium tetraborate	12007-60-2	169.12	mg/m^3	6.91	B4Li2O7	S	930
1609	Lithium tetraborate pentahydrate	1303-94-2	259.19	mg/m^3	10.59	B4H10Li2O12	S	845
1610	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3	37.96	mg/m^3	1.55	Al.H4.Li	S reacts H2O	125 dec
1611	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6	106.9494	mg/m^3	4.37	C6.H15.B.D.Li		
1612	Lithium triethylborohydride; (Super-hydride)	22560-16-3	105.94	mg/m^3	4.33	Li.(C2.H5)3. BH	S	
1613	Lutetium	7439-94-3	174.967	mg/m^3	7.15	Lu	S	1663
1614	Lutetium oxide	12032-20-1	397.93	mg/m^3	16.26	Lu2O3	S	2500
1615	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	107.17	ppm	4.38	C7.H9.N	L	-5.8
1616	Magnesium	7439-95-4	24.31	mg/m^3	0.99	Mg	S	650
1617	Magnesium acetate	142-72-3	142.41	mg/m^3	5.82	C4H6O4Mg		
1618	Magnesium acetate tetrahydrate	16674-78-5	250.3	mg/m^3	10.23	Mg.C4.H6.O4.6 H2O	L	
1619	**Magnesium aluminum phosphide**	**z-0116**	192.82	ppm	7.88	Mg3.Al.P3	S	
1620	Magnesium carbonate hydroxide	7760-50-1	395.58	mg/m^3	16.17	C2.H2.Mg5.O14	S	
1621	Magnesium carbonate; (Magnesite)	546-93-0	84.31	mg/m^3	3.45	CMgO3	S crystals	990
1622	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0	395.58	mg/m^3	16.17	C4.H2.Mg5.O14	S	
1623	Magnesium chloride	7786-30-3	95.21	mg/m^3	3.89	Cl2Mg	S	714
1624	Magnesium chloride hexahydrate	7791-18-6	203.33	mg/m^3	8.31	Mg.Cl2-6H2O	S	118 dec
1625	Magnesium ethoxide	2414-98-4	116.44	mg/m^3	4.76	C4.H10.Mg.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
1604	Lithium perchlorate, anhydrous	7791-03-9						10/11/05	12/09/13	12/09/13
1605	Lithium silicon	68848-64-6						09/02/08	01/26/15	01/26/15
1606	Lithium stearate	4485-12-5				1.03		04/14/04	08/27/13	12/31/11
1607	Lithium sulfate	10377-48-7						01/04/99	01/15/16	12/17/15
1608	Lithium tetraborate	12007-60-2				2.4		08/07/98	02/04/14	02/04/14
1609	Lithium tetraborate pentahydrate	1303-94-2				1.39741		08/07/98	02/04/14	02/04/14
1610	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3				0.92		10/11/05	02/27/14	06/13/13
1611	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6				0.898		07/11/07	08/27/13	12/31/11
1612	Lithium triethylborohydride; (Super-hydride)	22560-16-3						07/11/07	10/09/13	12/31/11
1613	Lutetium	7439-94-3	3402			9.84		07/11/07	08/27/13	08/27/13
1614	Lutetium oxide	12032-20-1				9.42		08/07/98	06/05/09	12/31/11
1615	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
1616	Magnesium	7439-95-4	1090	7.5x10-3	428	1.74		07/09/97	08/27/13	05/25/12
1617	Magnesium acetate	142-72-3						04/30/15		
1618	Magnesium acetate tetrahydrate	16674-78-5						04/14/04	04/30/15	04/30/15
1619	**Magnesium aluminum phosphide**	**z-0116**						09/05/08	09/21/15	09/21/15
1620	Magnesium carbonate hydroxide	7760-50-1						10/11/05	08/27/13	12/31/11
1621	Magnesium carbonate; (Magnesite)	546-93-0				3.01		07/09/97	08/27/13	08/08/12
1622	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0						10/11/05	08/27/13	12/31/11
1623	Magnesium chloride	7786-30-3	1412			2.325		08/07/98	08/27/13	12/31/11
1624	Magnesium chloride hexahydrate	7791-18-6				1.59		04/14/04	08/27/13	12/31/11
1625	Magnesium ethoxide	2414-98-4						10/11/05	10/22/13	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)
1626	Magnesium fluoride	7783-40-6	62.3	mg/m^3	2.55	F2Mg	S	1263
1627	Magnesium formate	557-39-1	114.34	mg/m^3	4.67	C2H2MgO4	S	
1628	Magnesium hydroxide	1309-42-8	58.33	mg/m^3	2.38	H2MgO2	S amor	350
1629	Magnesium iodate tetrahydrate	7790-32-1	446.172	mg/m^3	18.24	Mg.(I.O3)2.4(H2.O)	S	210 dec
1630	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	148.33	mg/m^3	6.06	MgN2O6	S	95-100
1631	Magnesium oxide	1309-48-4	40.3	mg/m^3	1.65	MgO	S pwd	2825
1632	**Magnesium phosphide**	**12057-74-8**	134.87	ppm	5.51	Mg3.P2	S	
1633	Magnesium silicate hydrate	1343-90-4	278.91	mg/m^3	11.40	H2Mg2O9Si3	S	
1634	Magnesium silicate; (Florisil)	1343-88-0		mg/m^3			S	
1635	Magnesium sulfate (1:1)	7487-88-9	120.37	mg/m^3	4.92	Mg.S.O4	S	1127
1636	Magnesium sulfate heptahydrate	10034-99-8	246.51	mg/m^3	10.08	Mg.S.O4.7H2O	S	loses 7H2O @ 200
1637	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	256.45	mg/m^3	10.48	Mg.N2.O6.6H2.O	S delq	89
1638	**Malathion**	**121-75-5**	330.36	mg/m^3	13.50	C10H19O6PS2	L	1.4
1639	Maleic acid	110-16-7	116.08	mg/m^3	4.74	C4H4O4	S	138-139
1640	Maleic acid, disodium salt	371-47-1	277.01	mg/m^3	11.32	C4.H4.O4.xNa	S	
1641	**Maleic anhydride**	**108-31-6**	98.06	ppm	4.01	C4H2O3	S	52.56
1642	Maleic hydrazide; (3,6-Pyridazinedione, 1,2-dihydro-)	123-33-1	112.1	mg/m^3	4.58	C4.H4.N2.O2	S	>300
1643	Malic acid; (Malic acid, DL)	6915-15-7	134.09	mg/m^3	5.48	C4.H6.O5	S	132
1644	Malonic acid; (Carboxyacetic acid)	141-82-2	104.07	mg/m^3	4.25	C3H4O4	S	135 dec
1645	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.
1646	Manganese	7439-96-5	54.94	mg/m^3	2.25	Mn	S	1246
1647	Manganese carbonate	598-62-9	114.95	mg/m^3	4.70	Mn.C.H2.O3	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1626	Magnesium fluoride	7783-40-6	2227			3.148		09/30/97	08/27/13	12/31/11
1627	Magnesium formate	557-39-1						08/07/98	08/27/13	12/31/11
1628	Magnesium hydroxide	1309-42-8				2.36		01/04/99	08/27/13	08/09/12
1629	Magnesium iodate tetrahydrate	7790-32-1				3.3		10/11/05	08/27/13	12/31/11
1630	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
1631	Magnesium oxide	1309-48-4	3600	51.5	2832	3.6		12/30/95	08/27/13	02/17/12
1632	**Magnesium phosphide**	**12057-74-8**						09/05/08	02/13/15	02/13/12
1633	Magnesium silicate hydrate	1343-90-4						09/30/97	02/25/16	02/25/16
1634	Magnesium silicate; (Florisil)	1343-88-0				2.5		07/02/08	02/25/16	02/25/16
1635	Magnesium sulfate (1:1)	7487-88-9				2.66		04/14/04	08/27/13	08/27/13
1636	Magnesium sulfate heptahydrate	10034-99-8	1124 dec			1.68		04/14/04	12/11/15	12/11/15
1637	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	330 dec			1.464		04/14/04	08/27/13	12/31/11
1638	**Malathion**	**121-75-5**	156 @ 0.7mmHg	1.78x10-4	25	1.2076 @ 20°C		09/30/97	02/13/15	01/21/10
1639	Maleic acid	110-16-7	135 dec	3.59E-05	25	1.59 @ 20°C		08/07/98	09/15/14	12/31/11
1640	Maleic acid, disodium salt	371-47-1						10/11/05	09/15/14	12/31/11
1641	**Maleic anhydride**	**108-31-6**	202	7.5	73.7	1.314 @ 60°C	14000	12/30/95	04/10/14	03/11/11
1642	Maleic hydrazide; (3,6-Pyridazinedione, 1,2-dihydro-)	123-33-1				1.6		06/13/02	08/27/13	01/19/12
1643	Malic acid; (Malic acid, DL)	6915-15-7				1.25		10/11/05	09/15/14	09/15/14
1644	Malonic acid; (Carboxyacetic acid)	141-82-2	subl			1.63 @ 10°C		08/07/98	08/28/13	12/31/11
1645	Mancozeb; (Dithane M-45)	8018-01-7						07/11/07	08/28/13	12/31/11
1646	Manganese	7439-96-5	2061	7.5x10-3	955	7.3		09/30/97	08/28/13	12/31/11
1647	Manganese carbonate	598-62-9	200 dec			3.7		12/08/02	05/16/14	12/31/11

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1648	Manganese dioxide	1313-13-9	86.94	mg/m^3	3.55	MnO2	S	535 dec
1649	Manganese hydroxide	18933-05-6	88.953	mg/m^3	3.64	H2MnO2	S	dec
1650	Manganese nitrite	18488-90-9	146.9474	mg/m^3	6.01	Mn(NO2)2	S	
1651	Manganese oxalate	640-67-5	142.95	mg/m^3	5.84	MnC2O4	S	
1652	Manganese oxide; (Manganese tetroxide)	1317-35-7	228.82	mg/m^3	9.35	Mn3O4	S	1567
1653	Manganese phosphate	10124-54-6	354.75	mg/m^3	14.50	Mn3.(P.O4)2	S	
1654	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	218.1	mg/m^3	8.91	MnO3C9H7	L/S	1.5
1655	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	125.84	mg/m^3	5.14	Cl2Mn	S deliq	654
1656	Manganese(II) chloride tetrahydrate	13446-34-9	197.92	mg/m^3	8.09	Mn.Cl2.4 H2O	S	58
1657	Manganese(II) nitrate	10377-66-9	178.96	mg/m^3	7.31	MnN2O6	S	28-Dec
1658	Manganese(II) nitrate hydrate	15710-66-4	196.963	mg/m^3	8.05	H2.Mn.N2.O7	S	
1659	Manganese(II) sulfate monohydrate	10034-96-5	169.02	mg/m^3	6.91	Mn.O4.S.H2.O	S	700
1660	Manganese(III) oxide	1317-34-6	157.88	mg/m^3	6.45	Mn2.O3	S	871-887
1661	Manganese(VII) oxide	12057-92-0	221.88	mg/m^3	9.07	Mn2O7	L	5.9
1662	Manganous oxide; (Manganese(II) oxide)	1344-43-0	70.94	mg/m^3	2.90	MnO	S	1650
1663	Manganous sulfate	7785-87-7	151	mg/m^3	6.17	MnO4S	S	700
1664	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6	87	mg/m^3	3.56	MnS	S	1610
1665	Mastic (resin)	61789-92-2		mg/m^3		[Unspecified]	S	
1666	Melamine	108-78-1	126.15	mg/m^3	5.16	C3H6N6	S	345 dec
1667	Memtetrahydrophthalic anhydride; (Tetrahydrophthalic anhydride)	85-43-8	152.1494	mg/m^3	6.22	C8.H8.O3	S	101.9
1668	Mephosfolan	950-10-7	269.34	mg/m^3	11.01	C8H16NO3PS2	S	
1669	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	92.12	ppm	3.77	C2.H4.O2.S	L	-16.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1648	Manganese dioxide	1313-13-9				5.08		08/21/96	08/28/13	12/31/11
1649	Manganese hydroxide	18933-05-6				3.26		01/10/01	05/16/14	12/31/11
1650	Manganese nitrite	18488-90-9						12/08/02	05/16/14	12/31/11
1651	Manganese oxalate	640-67-5						12/08/02	05/16/14	12/31/11
1652	Manganese oxide; (Manganese tetroxide)	1317-35-7				4.84		08/07/98	05/16/14	07/05/12
1653	Manganese phosphate	10124-54-6						12/08/02	05/16/14	12/31/11
1654	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	233	7.3	100	1.388 @ 20°C		06/13/02	10/29/14	10/29/14
1655	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	1225			2.977		01/10/01	05/16/14	05/30/12
1656	Manganese(II) chloride tetrahydrate	13446-34-9				2.01		04/14/04	05/19/14	12/31/11
1657	Manganese(II) nitrate	10377-66-9				1.8		09/30/97	05/19/14	06/25/13
1658	Manganese(II) nitrate hydrate	15710-66-4						10/11/05	05/19/14	12/31/11
1659	Manganese(II) sulfate monohydrate	10034-96-5	850 dec			3.25		04/14/04	05/19/14	10/03/13
1660	Manganese(III) oxide	1317-34-6	dec			5		10/11/05	05/19/14	05/02/12
1661	Manganese(VII) oxide	12057-92-0						12/08/02	05/19/14	12/31/11
1662	Manganous oxide; (Manganese(II) oxide)	1344-43-0				5.45		01/10/01	05/19/14	04/27/12
1663	Manganous sulfate	7785-87-7	850 dec			3.25		11/15/96	01/15/16	12/31/11
1664	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6				4		08/07/98	05/19/14	12/31/11
1665	Mastic (resin)	61789-92-2						09/30/97	02/25/16	02/25/16
1666	Melamine	108-78-1	subl	3.59x10-10	20	1.573 @ 16°C		01/04/99	06/12/13	06/12/13
1667	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
1668	Mephosfolan	950-10-7	410	1.00E-10	25	1.539 @ 26°C		12/08/02	07/02/13	06/25/13
1669	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	108 @ 15mm	0.0868	25	1.325		07/11/07	03/09/15	11/02/12

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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)
1670	Mercaptobenzoic acid, o-	147-93-3	154.19	mg/m^3	6.30	C7.H6.O2.S	S	164
1671	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4	167.25	mg/m^3	6.84	C7H5NS2	S	181
1672	Mercaptoethanol, 2-	60-24-2	78.14	ppm	3.19	C2.H6.O.S	L	
1673	Mercaptopropionic acid, 3-	107-96-0	106.15	mg/m^3	4.34	C3.H6.O2.S	I	16.8
1674	Mercuric acetate	1600-27-7	318.69	mg/m^3	13.03	Hg.C4.H6.O4	S	178-180
1675	Mercuric cyanide	592-04-1	252.63	mg/m^3	10.33	Hg.C2N2	S	320 decom
1676	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	454.4	mg/m^3	18.57	HgI2	S	259
1677	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9	296.65	mg/m^3	12.12	Hg.SO4	S	decom
1678	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8	316.79	mg/m^3	12.95	C2HgN2S2	S	~165 dec
1679	Mercuric trifluoroacetate	13257-51-7	426.62	mg/m^3	17.44	Hg.(C.F3.C.O.O)2	S	171-173
1680	Mercurol; (Mercury nucleate)	12002-19-6	252.66	mg/m^3	10.33	C4H4Hg	S pwd	
1681	Mercurous chloride; (Mercury monochloride)	7546-30-7	236.04	mg/m^3	9.65	ClHg	S	400 subl
1682	Mercurous nitrate monohydrate	7782-86-7	281.62	mg/m^3	11.51	Hg.(NO3)H.H2O	S	79.1 del
1683	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5	262.6	mg/m^3	10.73	Hg.NO3	S	70 decom
1684	Mercurous oxide; (Mercury(I) oxide)	15829-53-5	417.18	mg/m^3	17.05	Hg2O	S	100 dec
1685	Mercury hydroxide	12135-13-6	234.61	mg/m^3	9.59	H2HgO2	S	
1686	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0	324.6	mg/m^3	13.27	HgN2O6	S	79
1687	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5	292.59	mg/m^3	11.96	Hg.(N.O2)2	S	
1688	**Mercury vapor**	**7439-97-6**	200.59	mg/m^3	8.20	Hg	L	-38.9
1689	Mercury(I) chloride; (Dimercury dichloride)	10112-91-1	472.08	mg/m^3	19.29	Cl2.Hg2	S	400 subl.
1690	Mercury(II) chloride; (Mercury bichloride)	7487-94-7	271.5	mg/m^3	11.10	Cl2Hg	S	277
1691	Mercury(II) nitrate monohydrate	7783-34-8	342.62	mg/m^3	14.00	Hg(N.O3)2.H2.O	S hygr.	79

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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
1670	Mercaptobenzoic acid, o-	147-93-3		subl.				10/11/05	08/28/13	12/31/11
1671	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4				1.42 @ 20°C		08/07/98	10/22/13	11/02/12
1672	Mercaptoethanol, 2-	60-24-2	157-158	1	20	1.1168 @ 20°C		04/14/04	03/09/15	12/31/11
1673	Mercaptopropionic acid, 3-	107-96-0	114-115.5			1.218 @ 21°C		07/11/07	03/09/15	07/05/12
1674	Mercuric acetate	1600-27-7	decom			3.28		06/13/02	05/09/14	05/09/14
1675	Mercuric cyanide	592-04-1				3.996		06/13/02	05/09/14	05/09/14
1676	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
1677	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9				6.47		06/13/02	05/09/14	05/09/14
1678	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8				3.71		08/07/98	05/09/14	05/09/14
1679	Mercuric trifluoroacetate	13257-51-7						07/11/07	05/12/14	05/12/14
1680	Mercurol; (Mercury nucleate)	12002-19-6						01/04/99	08/28/13	08/28/13
1681	Mercurous chloride; (Mercury monochloride)	7546-30-7				7.15		08/07/98	05/12/14	05/12/14
1682	Mercurous nitrate monohydrate	7782-86-7				4.3		04/15/07	05/12/14	05/12/14
1683	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5				4.78		06/13/02	05/12/14	05/12/14
1684	Mercurous oxide; (Mercury(I) oxide)	15829-53-5				9.8		09/30/97	05/12/14	05/12/14
1685	Mercury hydroxide	12135-13-6						12/08/02	05/12/14	05/12/14
1686	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0				4.3		12/30/95	05/12/14	05/12/14
1687	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5						12/08/02	05/12/14	05/12/14
1688	**Mercury vapor**	**7439-97-6**	356.7	2.0x10-3	25	13.5336		11/30/92	02/17/15	12/31/11
1689	Mercury(I) chloride; (Dimercury dichloride)	10112-91-1				7.15		10/11/05	05/12/14	05/12/14
1690	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
1691	Mercury(II) nitrate monohydrate	7783-34-8				4.3		09/30/97	05/12/14	05/12/14

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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)
1692	Mercury(II) oxide; (Mercuric oxide)	21908-53-2	216.59	mg/m^3	8.85	HgO	S	500 dec
1693	Metaphosphoric acid	37267-86-0	79.98	mg/m^3	3.27	H.P.O3	S hygr	21
1694	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	172.2	mg/m^3	7.04	C8H12O4	L	
1695	**Methacrylaldehyde**	**78-85-3**	70.1	ppm	2.87	C4H6O	L	-81
1696	Methacrylamide	79-39-0	85.12	mg/m^3	3.48	C4.H7.N.O	S	105-107
1697	**Methacrylic acid**	**79-41-4**	86.1	ppm	3.52	H2C=C(CH3)CO.OH	L	16
1698	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	286.36	mg/m^3	11.70	C14H22O6	L	
1699	Methacrylic anhydride	760-93-0	154.18	mg/m^3	6.30	C8H10O3	L	
1700	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	67.1	ppm	2.74	C4H5N	L	-36
1701	Methacryloyl chloride	920-46-7	104.54	ppm	4.27	C4H5ClO	L	-60
1702	Methamidophos	10265-92-6	141.14	mg/m^3	5.77	C2H8NO2PS	S	40
1703	Methane	74-82-8	16.04	ppm	0.66	CH4	G	-182.47
1704	Methane-d3	676-80-2	19.07	ppm	0.78	C.H.D3	G	-183
1705	Methanesulfonic acid	75-75-2	96.01	mg/m^3	3.92	CH4O3S	S/L	20
1706	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	124.17	mg/m^3	5.07	C3H8O3S	L	
1707	**Methanesulfonyl chloride**	**124-63-0**	114.55	ppm	4.68	C.H3.Cl.O2.S	L	-32
1708	Methanesulfonyl fluoride	558-25-8	98.1	ppm	4.01	CH3FO2S	L	
1709	**Methanol; (Methyl alcohol)**	**67-56-1**	32.04	ppm	1.31	CH4O	L	-97.53
1710	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
1711	Methiocarb; (Mercaptodimethur)	2032-65-7	225.33	mg/m^3	9.21	C11H15NO2S	S	117-118
1712	Methomyl	16752-77-5	162.23	mg/m^3	6.63	C5H10N2O2S	S	78-79
1713	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	136.15	mg/m^3	5.56	C8.H8.O2	L	0

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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
1692	Mercury(II) oxide; (Mercuric oxide)	21908-53-2				11.14		07/09/97	05/12/14	12/31/11
1693	Metaphosphoric acid	37267-86-0	260	0.03	25			10/11/05	08/28/13	12/31/11
1694	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
1695	**Methacrylaldehyde**	**78-85-3**	68-70	120	20	0.830 @ 20°C		12/08/02	08/27/15	08/27/15
1696	Methacrylamide	79-39-0	215					10/11/05	08/28/13	01/09/12
1697	**Methacrylic acid**	**79-41-4**	163	1	25.5	1.014	16000	06/13/02	02/13/15	12/12/06
1698	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	170 @ 5 mmHg			1.09 @ 20°C		09/30/97	03/21/16	01/25/12
1699	Methacrylic anhydride	760-93-0	240	0.01	25	1.035		12/08/02	08/28/13	12/31/11
1700	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	90.3	71.2	25	0.805 @ 20°C	20000	01/04/99	08/31/15	02/09/15
1701	Methacryloyl chloride	920-46-7	96	40	25			12/08/02	08/28/13	12/31/11
1702	Methamidophos	10265-92-6	dec	0.0003	25	1.31 @ 44.5°C		12/08/02	08/28/13	07/05/12
1703	Methane	74-82-8	-161.48	750	-161.7	0.4228 @ -162°C	50000	12/30/95	06/03/13	06/03/13
1704	Methane-d3	676-80-2	-163				50000	07/11/07	11/02/12	11/02/12
1705	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
1706	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
1707	**Methanesulfonyl chloride**	**124-63-0**	62 @ 18 mm	18	62	1.4805 @ 18°C		04/15/07	02/10/16	02/10/16
1708	Methanesulfonyl fluoride	558-25-8	124	10	25			12/08/02	08/28/13	05/30/12
1709	**Methanol; (Methyl alcohol)**	**67-56-1**	64.6	75	15.2	0.7914 @ 20°C	55000	11/30/92	02/13/15	
1710	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
1711	Methiocarb; (Mercaptodimethur)	2032-65-7	325	0.0001	25			12/08/02	08/28/13	07/09/13
1712	Methomyl	16752-77-5	335	0.00005	25	1.2946 @ 24°C		12/08/02	09/11/15	09/11/15
1713	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	249.5	1	73	1.123 @ 20°C		07/11/07	08/28/13	02/17/12

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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)
1714	Methoxybenzyl alcohol, 4-	105-13-5	138.18	mg/m^3	5.65	C8.H10.O2	L/S	25
1715	Methoxychlor	72-43-5	345.65	mg/m^3	14.13	C16H15Cl3O2	S	87
1716	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	120.17	ppm	4.91	C5H12O3	L	< -84
1717	Methoxyethylamine, 2-	109-85-3	75.13	ppm	3.07	C3H9NO	L	
1718	Methoxyethylmercuric acetate	151-38-2	318.74	mg/m^3	13.03	C5H10HgO3	S	42
1719	Methoxyphenol, p-	150-76-5	124.15	mg/m^3	5.07	C7.H8.O2	S	52.5
1720	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	89.16	ppm	3.64	C4H11NO	L	-75.7
1721	Methoxytrimethylsilane	1825-61-2	104.22	ppm	4.26	C4-H12-O-Si		
1722	Methyl 2-cyanoacrylate; (Permabond 910 adhesive)	137-05-3	111.11	ppm	4.54	C5-H5-N-O2	L	-22.5
1723	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	99.15	ppm	4.05	C5H9NO	L	-23.09
1724	Methyl acetate	79-20-9	74.09	ppm	3.03	C3.H6.O2	L	-98.7
1725	Methyl acetylene	74-99-7	40.07	ppm	1.64	C3H4	G	-102.7
1726	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8	80.19	ppm	3.28	[Unspecified]	G	-18
1727	Methyl acrylate	96-33-3	86.1	ppm	3.52	CH3OCO-CH=CH2	L	-76.5
1728	Methyl alcohol-d	1455-13-6	33.05	ppm	1.35	D.O.C.H3	L	11
1729	Methyl alcohol-d4	811-98-3	36.07	ppm	1.47	D.O.C.D3	L	11
1730	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	136.16	ppm	5.57	C8.H8.O2	L	-12.5
1731	**Methyl bromide; (Bromomethane)**	**74-83-9**	94.94	ppm	3.88	CH3Br	G	-93.68
1732	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	142.22	mg/m^3	5.81	C8.H14.O2	L	-75
1733	**Methyl chloride**	**74-87-3**	50.49	ppm	2.06	CH3Cl	G	-97.7
1734	**Methyl chloroformate; (Methyl chlorocarbonate)**	**79-22-1**	94.5	ppm	3.86	C2H3ClO2	L	< -81

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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
1714	Methoxybenzyl alcohol, 4-	105-13-5	259.1			1.108		07/11/07	08/28/13	12/31/11
1715	Methoxychlor	72-43-5		4.2x10-5	25	1.41		12/30/95	12/11/15	12/11/15
1716	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
1717	Methoxyethylamine, 2-	109-85-3	95					08/07/98	08/28/13	12/31/11
1718	Methoxyethylmercuric acetate	151-38-2		0.00001	25			12/08/02	05/12/14	06/25/13
1719	Methoxyphenol, p-	150-76-5	246			1.55 @ 20°C		10/11/05	08/28/13	12/31/11
1720	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	117.5	20	30	0.8615 @ 20°C		01/04/99	07/02/13	07/02/13
1721	Methoxytrimethylsilane	1825-61-2						12/08/02	11/20/13	11/20/13
1722	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
1723	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	202	0.345	25	1.027		01/04/99	03/09/15	06/13/13
1724	Methyl acetate	79-20-9	57.8	100	9.4	0.92438	31000	07/11/07	08/28/13	06/25/13
1725	Methyl acetylene	74-99-7	-23.3	4310	25	.607 (p> 1 atm)	17000	08/07/98	11/18/14	11/18/14
1726	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8						08/07/98	03/09/15	12/31/11
1727	Methyl acrylate	96-33-3	85	100	28	0.9561 @ 20°C	28000	06/13/02	04/10/14	01/25/12
1728	Methyl alcohol-d	1455-13-6	65.5			0.81	55000	04/15/07	08/28/13	06/06/09
1729	Methyl alcohol-d4	811-98-3	65.4			0.888	55000	07/11/07	08/28/13	06/06/09
1730	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	199.6	1	39	1.082		04/15/07	08/28/13	12/31/11
1731	**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
1732	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
1733	**Methyl chloride**	**74-87-3**	-24.09	750	-24.4	0.911	81000	11/30/92	05/29/13	05/29/13
1734	**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

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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)
1735	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	80.59	ppm	3.29	CH5ClSi	G	-135
1736	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	
1737	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	115.04	ppm	4.70	C.H4.Cl2.Si	L	-93
1738	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	100.01	mg/m^3	4.09	CH3F2OP	L	
1739	Methyl ether; (Dimethyl ether)	115-10-6	46.08	ppm	1.88	C2H6O	G	-141.5
1740	Methyl ethyl ketone peroxide	1338-23-4	176.21	ppm	7.20	C8H16O4	L	
1741	Methyl fluoride; (Fluoromethane)	593-53-3	34.03	mg/m^3	1.39	CH3F	G	-143.3
1742	Methyl fluoroacetate	453-18-9	92.08	mg/m^3	3.76	C3H5FO2	L	
1743	Methyl fluorosulfate	421-20-5	114.1	ppm	4.66	CH3FO3S	L	
1744	Methyl formate; (Formic acid, methyl ester)	107-31-3	60.06	ppm	2.45	C2H4O2	L	-99.8
1745	**Methyl iodide**	**74-88-4**	141.94	ppm	5.80	CH3I	L	-66.4
1746	Methyl isobutyl ketone; (Hexone)	108-10-1	100.16	ppm	4.09	C6H12O	L	-84
1747	**Methyl isocyanate**	**624-83-9**	57.05	ppm	2.33	C2H3NO	L	-45
1748	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	86.15	ppm	3.52	C5H10O	L	
1749	**Methyl isothiocyanate; (Isothiocyanatomethane)**	**556-61-6**	73.12	ppm	2.99	C2H3NS	S/L	36
1750	Methyl lithium	917-54-4	21.98	mg/m^3	0.90	Li.C.H3	L	
1751	**Methyl mercaptan**	**74-93-1**	48.11	ppm	1.97	CH4S	G	-123
1752	Methyl mercury	22967-92-6	215.63	mg/m^3	8.81	CH3Hg	S	
1753	**Methyl methacrylate**	**80-62-6**	100.12	ppm	4.09	C5H8O2	L	-47.55
1754	Methyl n-amyl ketone	110-43-0	114.19	ppm	4.67	C7H14O	L	-35
1755	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	77.05	ppm	3.15	C.H3.N.O3	L	-83

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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
1735	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	-45					12/08/02	03/09/15	
1736	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
1737	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	41	429	25	1.10 @ 27°C	6000	09/05/08	03/09/15	01/22/10
1738	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	98			1.33		03/01/00	08/28/13	12/31/11
1739	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
1740	Methyl ethyl ketone peroxide	1338-23-4	19					09/30/97	08/28/13	08/28/13
1741	Methyl fluoride; (Fluoromethane)	593-53-3	-78.4	750	-78.6	0.557		11/30/92	03/09/15	12/31/11
1742	Methyl fluoroacetate	453-18-9	104.5			1.161 @ 15°C		12/08/02	12/14/15	12/14/15
1743	Methyl fluorosulfate	421-20-5	92			1.427 @ 16°C		12/08/02	08/28/13	12/31/11
1744	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
1745	**Methyl iodide**	**74-88-4**	42.43	750	42.1	2.2789 @ 20°C		11/30/92	03/09/15	
1746	Methyl isobutyl ketone; (Hexone)	108-10-1	116.5	7.5	9	0.7965	12000	03/24/10	05/04/12	05/04/12
1747	**Methyl isocyanate**	**624-83-9**	38.3	750	38.8	0.9588 @ 20°C	53000	12/30/95	02/17/15	10/11/05
1748	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
1749	**Methyl isothiocyanate; (Isothiocyanatomethane)**	**556-61-6**	119	19	20	1.069 @ 37°C		06/13/02	02/10/16	02/10/16
1750	Methyl lithium	917-54-4				0.701		04/14/04	12/09/13	12/09/13
1751	**Methyl mercaptan**	**74-93-1**	5.9	750	5.7	0.8665 @ 20°C	39000	11/30/92	02/09/15	02/09/15
1752	Methyl mercury	22967-92-6						03/01/00	05/12/14	05/12/14
1753	**Methyl methacrylate**	**80-62-6**	100.5	75	39.7	0.9377	17000	12/30/95	02/13/15	12/12/06
1754	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
1755	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	65 expl			1.208 @ 20°C		10/11/05	08/30/13	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)
1756	**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	
1757	**Methyl parathion**	**298-00-0**	263.21	mg/m^3	10.76	C8H10NO5PS	S	38
1758	Methyl phencapton	3735-23-7	349.25	mg/m^3	14.27	C9H11Cl2O2PS2	L	
1759	Methyl phosphonic dichloride	676-97-1	132.91	mg/m^3	5.43	CH3Cl2OP	S	32
1760	Methyl phosphonothioic dichloride	676-98-2	148.97	mg/m^3	6.09	CH3Cl2PS	L	-25.6
1761	Methyl pyridine, 3-; (3-Picoline)	108-99-6	93.14	ppm	3.81	C6H7N	L	-18.14
1762	Methyl salicylate	119-36-8	152.16	ppm	6.22	C8H8O3	L	-8.6
1763	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	84.15	ppm	3.44	C2.D6.O.S	L	18
1764	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	88.15	ppm	3.60	C5H12O	L	-108.6
1765	Methyl thiocyanate	556-64-9	73.12	ppm	2.99	C2H3NS	L	-51
1766	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	72.12	ppm	2.95	C4H8O	L	<-80
1767	**Methyl vinyl ketone; (3-Buten-2-one)**	**78-94-4**	70.1	ppm	2.87	C4H6O	L	-7
1768	Methyl-1-butene, 2-	563-46-2	70.14	ppm	2.87	C5H10	L	-137.5
1769	Methyl-1H-benzotriazole	29385-43-1	133.17	mg/m^3	5.44	C7H7N3		
1770	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	174.22	mg/m^3	7.12	C10H10N2O	Pwdr	128.9
1771	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	90.19	ppm	3.69	C4.H10.S	L	-165
1772	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	70.09	ppm	2.86	C4H6O	L	-97.5
1773	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	150.24	mg/m^3	6.14	C10.H14.O	S	51
1774	Methyl-2-butene, 2-; (Amylene)	513-35-9	70.133	ppm	2.87	C5.H10	L	-133.72
1775	Methyl-2-chloroacrylate	80-63-7	120.54	ppm	4.93	C4H5ClO2	L	
1776	Methyl-2-heptanone, 6-	928-68-7	128.21	mg/m^3	5.24	C8.H16.O	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
1756	**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
1757	**Methyl parathion**	**298-00-0**	35-36	0.2 mPa	20	1.358 @ 20°C		11/15/96	02/13/15	12/31/11
1758	Methyl phencapton	3735-23-7	400	0.0000035	25			12/08/02	08/30/13	12/31/11
1759	Methyl phosphonic dichloride	676-97-1	162					03/01/00	08/30/13	12/31/11
1760	Methyl phosphonothioic dichloride	676-98-2	177-178			1.35-1.42		01/10/01	12/09/13	12/09/13
1761	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
1762	Methyl salicylate	119-36-8	223.3	0.0343	25	1.184		03/01/00	12/14/15	08/30/13
1763	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	55 @ 5 mmHg			1.19		04/14/04	08/30/13	11/13/12
1764	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	55	75	-2	0.7353	16000	09/30/97	02/17/15	02/22/08
1765	Methyl thiocyanate	556-64-9	130-133			1.068		03/01/00	02/05/15	02/05/15
1766	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	97			0.831 @ 20°C		12/08/02	01/15/16	01/15/16
1767	**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	
1768	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
1769	Methyl-1H-benzotriazole	29385-43-1						11/15/96	01/20/16	12/31/11
1770	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
1771	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
1772	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	34					03/01/00	08/30/13	12/31/11
1773	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	233	1	64	0.972		10/11/05	08/30/13	01/16/12
1774	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
1775	Methyl-2-chloroacrylate	80-63-7	140	12	25	1.189 @ 20°C		12/08/02	08/30/13	12/31/11
1776	Methyl-2-heptanone, 6-	928-68-7	167			0.8151 @ 20°C		10/11/05	08/30/13	12/31/11

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1777	Methyl-2-hexanone, 5-; (Methyl isoamyl ketone)	110-12-3	114.21	ppm	4.67	C7H14O	L	-73.9
1778	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	98.16	ppm	4.01	C6H10O	L	-59
1779	Methyl-4-penten-2-one, 4-	3744-02-3	98.14	ppm	4.01	C6H10O	L	-72.6
1780	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
1781	Methyl-5-vinylpyridine, 2-	140-76-1	119.18	mg/m^3	4.87	C8H9N	L	
1782	Methyl-8-quinolinol, 2-	826-81-3	159.2	mg/m^3	6.51	C10.H9.N.O.	S	73.8
1783	Methylal; (Dimethoxymethane)	109-87-5	76.1	ppm	3.11	C3H8O2	L	-105.1
1784	Methylamine hydrochloride	593-51-1	67.53	mg/m^3	2.76	C.H5.N.Cl.H	S	232-234
1785	Methylamino)ethanol, 2-(	109-83-1	75.11	ppm	3.07	C3.H9.N.O	L	-4.5
1786	Methylaniline, N-	100-61-8	107.17	ppm	4.38	C7H9N	L	-57
1787	Methylaziridine, 1-	1072-44-2	57.11	ppm	2.33	C3-H7-N	L	
1788	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	101.15	mg/m^3	4.13	C5H11NO	S	137
1789	Methylbutylamine, N-	110-68-9	87.19	ppm	3.56	C5.H13.N	L	-75
1790	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7	110.75	ppm	4.53	CH7ClSi2		
1791	Methylcholanthrene, 3-	56-49-5	268.35	mg/m^3	10.97	C21H16	S	180
1792	Methylcyclohexane	108-87-2	98.21	ppm	4.01	C7H14	L	-126.4
1793	Methylcyclohexanone	1331-22-2	112.19	ppm	4.59	C7H12O	L	-14
1794	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	112.19	ppm	4.59	C7H12O	L	-14
1795	Methylcyclopentane	96-37-7	84.18	ppm	3.44	C6.H12	L	-142.5
1796	Methyldecane, 4-	2847-72-5	156.31	ppm	6.39	C11.H24	L	-77.5
1797	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	160.86	mg/m^3	6.57	C.H3.As.Cl2	L	-59

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1777	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
1778	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
1779	Methyl-4-penten-2-one, 4-	3744-02-3	124.2			0.8411		03/01/00	03/09/15	11/13/12
1780	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
1781	Methyl-5-vinylpyridine, 2-	140-76-1	181	1.7	25	0.98 @ 20°C		12/08/02	08/30/13	12/31/11
1782	Methyl-8-quinolinol, 2-	826-81-3	267					10/11/05	08/30/13	12/31/11
1783	Methylal; (Dimethoxymethane)	109-87-5	42	750	41.7	0.8593 @ 20°C	22000	09/30/97	11/18/14	11/18/14
1784	Methylamine hydrochloride	593-51-1	227 @ 15C					10/11/05	08/30/13	12/31/11
1785	Methylamino)ethanol, 2-(	109-83-1	156	0.7	20	0.937 @ 20°C		10/11/05	08/30/13	12/31/11
1786	Methylaniline, N-	100-61-8	196.2	0.453	25	0.99 @ 20°C		01/04/99	08/30/13	10/08/12
1787	Methylaziridine, 1-	1072-44-2	27.5			0.7572 @ 19°C		12/08/02	08/30/13	08/30/13
1788	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	226					03/01/00	09/03/13	12/31/11
1789	Methylbutylamine, N-	110-68-9	91			0.7335		07/11/07	09/03/13	12/31/11
1790	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7						12/08/02	09/03/13	12/31/11
1791	Methylcholanthrene, 3-	56-49-5	280 @ 80mmHg	4.3x10-8	25	1.28 @ 20°C		12/30/95	09/03/13	12/31/11
1792	Methylcyclohexane	108-87-2	100.3	46	25	0.77 @ 20°C	12000	01/04/99	03/09/15	11/13/12
1793	Methylcyclohexanone	1331-22-2	160-170			0.925		01/04/99	09/23/14	09/15/14
1794	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	165.1			0.92		01/10/01	03/09/15	12/31/11
1795	Methylcyclopentane	96-37-7	71.8	100	17.9	0.750 @ 20°C	10000	10/11/05	09/03/13	09/03/13
1796	Methyldecane, 4-	2847-72-5	187			1.4352 @ 20°C		10/11/05	04/22/15	04/22/15
1797	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	90 @ 200 mm	10	24.3	1.84 @ 20°C		09/05/08	02/17/15	10/08/12

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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)
1798	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4	267.15	ppm	10.92	C13H12Cl2N2	S	110
1799	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1	262.39	ppm	10.72	C15H22NO2	L	
1800	**Methylene chloride; (Dichloromethane)**	**75-09-2**	84.93	ppm	3.47	CH2Cl2	L	-97.2
1801	**Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)**	**101-68-8**	250.25	mg/m^3	10.23	C15H10N2O2	S	37
1802	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5	52.03	ppm	2.13	C.H2.F2	L	
1803	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5	250.26	mg/m^3	10.23	C15.H10.N2.O		
1804	Methylenebisacrylamide, N,N'-	110-26-9	154.19	mg/m^3	6.30	C7.H10.N2.O2	S	185
1805	Methylenedianiline, 4,4'-	101-77-9	198.26	ppm	8.10	C13H14N2	S	92.5
1806	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	76.09	mg/m^3	3.11	C3H8O2	S	
1807	Methylformamide, N-	123-39-7	59.08	ppm	2.41	C2.H5.N.O	L	-5.4
1808	Methylfuran, 2-	534-22-5	82.11	ppm	3.36	C5-H6-O	L	-88.7
1809	Methylheptane, 2-	592-27-8	114.23	ppm	4.67	C8.H18	L	-109
1810	Methylheptane, 4-	589-53-7	114.23	ppm	4.67	C8H18	L	-121
1811	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2		mg/m^3				
1812	Methylimidazole, 1-	616-47-7	82.12	mg/m^3	3.36	C4.H6.N2	L	-6
1813	Methylimidazole, 4-	822-36-6	82.12	mg/m^3	3.36	C4.H6.N2	S	56
1814	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7	132.18	mg/m^3	5.40	C6H12O3	L	
1815	**Methyllactonitrile, 2-; (Acetone cyanohydrin)**	**75-86-5**	85.11	ppm	3.48	C4H7NO	L	-19
1816	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1	119.26	ppm	4.87	C.H3.BrMg	L	
1817	Methylmagnesium chloride	676-58-4	74.793	mg/m^3	3.06	C.H3.Cl.Mg	S	
1818	Methylmercuric dicyanamide	502-39-6	298.72	mg/m^3	12.21	C3H6HgN4	S	156

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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
1798	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
1799	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1						06/13/02	11/18/14	11/18/14
1800	**Methylene chloride; (Dichloromethane)**	**75-09-2**	40	750	39.3	1.3266 @ 20°C	130000	12/30/95	03/09/15	
1801	**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
1802	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5						10/11/05	11/13/12	11/13/12
1803	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5						07/11/07	07/23/14	11/06/12
1804	Methylenebisacrylamide, N,N'-	110-26-9	dec			1.235 @ 30°C		10/11/05	03/09/15	12/31/11
1805	Methylenedianiline, 4,4'-	101-77-9	398	2.03x10-7	25	1.070 @ 103°C		07/09/97	12/04/15	12/04/15
1806	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	107-109					03/01/00	10/22/13	09/03/13
1807	Methylformamide, N-	123-39-7	180-185	0.253	25	0.9961		07/11/07	03/09/15	12/31/11
1808	Methylfuran, 2-	534-22-5	63.7	139	20	0.827 @ 20°C		12/08/02	07/09/13	06/27/13
1809	Methylheptane, 2-	592-27-8	118			0.608		10/11/05	03/09/15	10/09/14
1810	Methylheptane, 4-	589-53-7	117.7			0.7046 @ 20°C		12/08/02	03/09/15	10/09/14
1811	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2						07/11/07	09/03/13	12/31/11
1812	Methylimidazole, 1-	616-47-7	196			1.0325		04/14/04	09/03/13	12/31/11
1813	Methylimidazole, 4-	822-36-6	263					08/17/07	09/03/13	12/31/11
1814	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7						01/10/01	11/19/14	11/19/14
1815	**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
1816	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1						07/11/07	11/14/13	11/14/13
1817	Methylmagnesium chloride	676-58-4				1.02		07/11/07	03/09/15	12/31/11
1818	Methylmercuric dicyanamide	502-39-6		0.00003	25			12/08/02	05/12/14	05/12/14

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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)
1819	Methylmorpholine, 4-	109-02-4	101.17	ppm	4.13	C5.H11.N.O	L	-64.4
1820	Methylnaphthalene, 1-	90-12-0	142.21	mg/m^3	5.81	C11H10	L	-30.43
1821	Methylnaphthalene, 2-	91-57-6	142.2	mg/m^3	5.81	C11H10	S	34.6
1822	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1	128	ppm	5.23	C6-H12-N2-O		
1823	Methylnonane, 4-	17301-94-9	142.28	ppm	5.82	C10.H22	L	-99
1824	Methylpentane, 2-; (Isohexane)	107-83-5	86.2	ppm	3.52	C6H14	L	-154
1825	Methylpentane, 3-	96-14-0	86.18	ppm	3.52	C6.H14	L	-118
1826	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	102.2	ppm	4.18	C6.H14.O	L	
1827	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8	166.26	mg/m^3	6.80	C8H10N2S	S	151-152
1828	Methylphosphonate	993-13-5	96.02246	mg/m^3	3.92	C.H5.O3.P	S	108.5
1829	Methylphosphonothioic acid, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	309.29	mg/m^3	12.64	C13H12NO4PS	L	
1830	Methylphosphonothioic acid-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	262.34	mg/m^3	10.72	C10H15O2PS2	L	
1831	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8	211.29	ppm	8.64	C7.H18.N.O2.P.S	L	
1832	Methylpropane, 2-; (Isobutane)	75-28-5	58.12	ppm	2.38	C4H10	G	-159.4
1833	Methylpropene, 2-; (Isobutene)	115-11-7	56.12	ppm	2.29	C4H8	L or G	-140.3
1834	Methylpyridine, 2-; (2-Picoline)	109-06-8	93.14	ppm	3.81	N-CHCH-CHCH-CCH3	L	-70
1835	Methylpyrrole, N-	96-54-8	81.12	mg/m^3	3.32	C5.H7.N	L	-56.32
1836	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	85.15	mg/m^3	3.48	C5-H11-N	L	-90
1837	Methylstyrene, alpha-	98-83-9	118.19	ppm	4.83	C9.H10	L	-24
1838	Methyltetrahydrofuran, 2-	96-47-9	86.15	ppm	3.52	C5.H10.O	L	
1839	Methyltriacetoxysilane	4253-34-3	220.25	mg/m^3	9.00	C7H12O6Si		40.5

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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
1819	Methylmorpholine, 4-	109-02-4	115			0.9		10/11/05	03/09/15	12/31/11
1820	Methylnaphthalene, 1-	90-12-0	244.7	0.067	25	1.025 @ 20°C		01/04/99	09/03/13	11/13/12
1821	Methylnaphthalene, 2-	91-57-6	241.1	0.75	57	1.0058 @ 20°C		09/30/97	03/09/15	11/13/12
1822	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1						12/08/02	09/03/13	12/31/11
1823	Methylnonane, 4-	17301-94-9	165.7			0.7323 @ 20°C		10/11/05	10/09/14	10/09/14
1824	Methylpentane, 2-; (Isohexane)	107-83-5	60.3	400	41.6	0.669	12000	08/07/98	03/09/15	11/13/12
1825	Methylpentane, 3-	96-14-0	63.3	190	25	0.69576	12000	07/11/07	09/08/14	11/13/12
1826	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	130			0.804	11000	07/11/07	10/25/13	12/31/11
1827	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8		0.000002	25			12/08/02	11/13/12	11/13/12
1828	Methylphosphonate	993-13-5	dec.					10/11/05	09/03/13	12/31/11
1829	Methylphosphonothioic acid, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	400	0.00001	25			12/08/02	11/13/12	11/13/12
1830	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
1831	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8						07/11/07	09/03/13	08/09/12
1832	Methylpropane, 2-; (Isobutane)	75-28-5	-11.73	750	-12	0.551	18000	09/30/97	03/10/15	11/13/12
1833	Methylpropene, 2-; (Isobutene)	115-11-7	-6.9	2308	25	0.6	18000	01/04/99	08/21/14	08/21/14
1834	Methylpyridine, 2-; (2-Picoline)	109-06-8	129	11.2	25	0.950 @ 15°C		06/13/02	03/10/15	11/13/12
1835	Methylpyrrole, N-	96-54-8	112.81	15	20.2	0.9145 @ 15°C		07/11/07	03/10/15	10/09/13
1836	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	80.5			0.8054		04/14/04	09/03/13	12/31/11
1837	Methylstyrene, alpha-	98-83-9	167-170			0.913 @ 17°C	19000	10/11/05	03/10/15	11/13/12
1838	Methyltetrahydrofuran, 2-	96-47-9	80			0.853 @ 20°C		04/14/04	09/03/13	12/31/11
1839	Methyltriacetoxysilane	4253-34-3	111 @ 17mmHg			1.175 @ 20°C		09/30/97	02/25/16	02/25/16

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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)
1840	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	149.48	ppm	6.11	CH3Cl3Si	L	-90
1841	Methyltriethoxysilane	2031-67-6	178.34	ppm	7.29	C7.H18.O3.Si	L	
1842	Methyl-trifluoromethanesulfonate	333-27-7	164.1051	mg/m^3	6.71	C2.H3.F3.O3.S	?	
1843	Methyltrimethoxysilane	1185-55-3	136.25	mg/m^3	5.57	C4.H12.O3.Si	L	
1844	Methyltrioctylammonium chloride	5137-55-3	404.25	mg/m^3	16.52	C25H54ClN	L	-20
1845	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	141.08	ppm	5.77	C3.H6.Cl2.Si	L	
1846	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1		mg/m^3				
1847	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	165.21	mg/m^3	6.75	C9H11NO2	S	76-77
1848	Mevinphos; (Phosdrin)	7786-34-7	224.17	mg/m^3	9.16	C7H13O6P	S	6.7
1849	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4	222.32	mg/m^3	9.09	C12H18N2O2	S	85
1850	Mica; (mica silicates)	12001-26-2	398.3	mg/m^3	16.28	[Unspecified]	S	1387
1851	Michler's ketone; (4,4'-Bis(dimethylamino)benzophenone)	90-94-8	268.39	mg/m^3	10.97	C17H20N2O	S	179
1852	Microcystins	101043-37-2	995.17	mg/m^3	40.67	C49H74N10O12	S	
1853	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	
1854	Mirex; (Perchloropentacyclodecane)	2385-85-5	545.54	mg/m^3	22.30	C10Cl12	S	485 dec
1855	Modeccin toxin; (Adenia digitata toxin)	65988-88-7	57kDa	mg/m^3		[Unspecified]	S	
1856	Molybdate orange	12656-85-8		mg/m^3		[Unspecified]	S	
1857	Molybdenum	7439-98-7	95.94	mg/m^3	3.92	Mo	S	2623
1858	Molybdenum carbide	12011-97-1	107.95	mg/m^3	4.41	Mo.C	S	2692
1859	Molybdenum dioxide	18868-43-4	127.94	mg/m^3	5.23	MoO2	S ins	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1840	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	65.6	75	7	1.273 @ 20°C	76000	08/21/96	08/09/12	01/22/10
1841	Methyltriethoxysilane	2031-67-6	144.5			0.895 @ 20°C		10/11/05	09/03/13	12/31/11
1842	Methyl-trifluoromethanesulfonate	333-27-7	100-102			1.45		04/14/04	09/03/13	12/31/11
1843	Methyltrimethoxysilane	1185-55-3	103.5			0.949 @ 20°C		10/11/05	09/03/13	12/31/11
1844	Methyltrioctylammonium chloride	5137-55-3	225			0.884		08/07/98	09/03/13	12/31/11
1845	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	92			1.08 @ 20°C		09/05/08	02/09/15	
1846	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1						07/11/07	09/03/13	12/31/11
1847	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	360	0.00001	25			12/08/02	09/03/13	12/31/11
1848	Mevinphos; (Phosdrin)	7786-34-7	280	2.9	25			06/13/02	01/30/15	01/30/15
1849	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4		0.000002	25			12/08/02	09/03/13	12/31/11
1850	Mica; (mica silicates)	12001-26-2				2.6-3.2		09/30/97	02/25/16	12/31/11
1851	Michler's ketone; (4,4'-Bis(dimethylamino)benzophenone)	90-94-8	>360 decom					06/13/02	10/22/13	04/23/12
1852	Microcystins	101043-37-2						01/12/15		
1853	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
1854	Mirex; (Perchloropentacyclodecane)	2385-85-5		8x10-7	25			09/30/97	09/03/13	08/21/12
1855	Modeccin toxin; (Adenia digitata toxin)	65988-88-7						01/16/15		
1856	Molybdate orange	12656-85-8						01/04/99	04/30/14	04/10/14
1857	Molybdenum	7439-98-7	4639	7.5x10-3	2469	10.2		09/30/97	04/10/14	07/16/12
1858	Molybdenum carbide	12011-97-1				8.2		04/14/04	04/10/14	07/16/12
1859	Molybdenum dioxide	18868-43-4						12/08/02	04/10/14	07/16/12

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1860	Molybdenum disilicide	12136-78-6	152.111	mg/m^3	6.22	Mo.Si2	S	~1900
1861	Molybdenum hexacarbonyl	13939-06-5	264	mg/m^3	10.79	Mo.(CO)6	S	
1862	Molybdenum pentachloride	10241-05-1	273.19	mg/m^3	11.17	Mo.Cl5	S hygr	194
1863	Molybdenum trioxide (Molybdenum(VI) oxide)	1313-27-5	143.94	mg/m^3	5.88	Mo.O3	S	802
1864	Molybdenum(IV) sulfide	1317-33-5	160.07	mg/m^3	6.54	Mo.S2	S	1185
1865	Molybdic acid	7782-91-4	161.9534	mg/m^3	6.62	H2-Mo-O4	V	
1866	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3	224.28	mg/m^3	9.17		S	
1867	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0	205.92	mg/m^3	8.42	MoNa2O4	S	686
1868	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	1163.89	mg/m^3	47.57	H24Mo7N6O24	S	90
1869	Molybdophosphoric acid	12026-57-2	1825.25346	mg/m^3	74.60	Mo12.O40.P.3H	S	
1870	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4	2786.8778	mg/m^3	113.90	6H.Mo18.O62.P2	S	104
1871	Monobutyl phosphite	16456-56-7	138.12	mg/m^3	5.65	C4H11O3P	L	
1872	Monochloroamine; (Chloramide)	10599-90-3	51.48	ppm	2.10	Cl.H2.N	L	-66
1873	Monochloropentafluoroethane; (CFC-115)	76-15-3	154.47	ppm	6.31	C2ClF5	G	-106
1874	Monochlorophenyl ether	55398-86-2	204.66	mg/m^3	8.36	C12H9ClO		
1875	Monocrotophos	6923-22-4	223.19	mg/m^3	9.12	C7H14NO5P	S	54-55
1876	**Monomethylamine; (Methylamine)**	**74-89-5**	31.06	ppm	1.27	CH5N	G	-93.5
1877	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	46.07	ppm	1.88	CH6N2	L	-52.36
1878	Monosodium titanate	60704-88-3	102.87	mg/m^3	4.20	NaTiO2	S	
1879	Morpholine	110-91-8	87.14	ppm	3.56	C4H9NO	L	-4.9
1880	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4	114.12	mg/m^3	4.66	C4H6N2O2	S	174-176
1881	Mustard gas sulfoxide; (bis(2-Chloroethyl)sulfoxide)	5819-08-9	175.08	mg/m^3	7.16	C4.H8.C12.O.S		

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1860	Molybdenum disilicide	12136-78-6	2030			6.2		04/14/04	04/10/14	12/31/11
1861	Molybdenum hexacarbonyl	13939-06-5						10/11/05	06/10/14	12/31/11
1862	Molybdenum pentachloride	10241-05-1	268			2.93		10/11/05	04/11/14	12/31/11
1863	Molybdenum trioxide (Molybdenum(VI) oxide)	1313-27-5	1155			4.696		01/04/99	04/11/14	11/16/12
1864	Molybdenum(IV) sulfide	1317-33-5				4.80 @ 14°C		04/14/04	04/30/14	04/11/14
1865	Molybdic acid	7782-91-4						12/08/02	04/11/14	12/31/11
1866	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3						10/11/05	04/30/14	04/30/14
1867	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0				~3.5		01/04/99	04/11/14	07/17/12
1868	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	dec			2.498		01/04/99	04/30/14	04/30/14
1869	Molybdophosphoric acid	12026-57-2						10/11/05	04/11/14	12/31/11
1870	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4				1.62		04/14/04	04/11/14	12/31/11
1871	Monobutyl phosphite	16456-56-7						01/04/99	09/04/13	12/31/11
1872	Monochloroamine; (Chloramide)	10599-90-3						06/13/02	09/04/13	12/31/11
1873	Monochloropentafluoroethane; (CFC-115)	76-15-3	-37.7			1.5678 @ -42°C		06/13/02	09/04/13	12/31/11
1874	Monochlorophenyl ether	55398-86-2						05/13/15		
1875	Monocrotophos	6923-22-4	125	0.000007	25	1.22 @ 20°C		12/08/02	09/15/15	10/03/13
1876	**Monomethylamine; (Methylamine)**	**74-89-5**	-6.32	750	-6.6	0.656	49000	11/30/92	03/10/15	10/15/06
1877	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	87.5	75	32.9	0.874	25000	11/30/92	10/30/13	09/04/13
1878	Monosodium titanate	60704-88-3						12/30/95	09/04/13	12/31/11
1879	Morpholine	110-91-8	128.9	10.1	25	1.007 @ 20°C	14000	01/04/99	09/04/13	11/16/12
1880	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4		0.00001	25			12/08/02	09/04/13	07/17/12
1881	Mustard gas sulfoxide; (bis(2-Chloroethyl)sulfoxide)	5819-08-9						07/11/07	09/04/13	07/17/12

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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)
1882	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1	284.54	ppm	11.63	C18-H36-O2		
1883	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	270.46	mg/m^3	11.05	C17-H34-O2	L	~3
1884	Nabumetone; (Relafen; 4-(6-Methoxy-2-naphthyl)-2-butanone)	42924-53-8	228.29	mg/m^3	9.33	C15H16O2	S	80
1885	Nadic methyl anhydride	25134-21-8	178.2	mg/m^3	7.28	C10.H10.O3	L	18
1886	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	
1887	Naphtha (petroleum),hydrotreated light	64742-49-0	112	mg/m^3	4.58	[Not specified]	L	
1888	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	171.27	mg/m^3	7.00	[Unspecified]	L	-71
1889	Naphthalenamine, 1-; (1-Naphthylamine)	134-32-7	143.19	mg/m^3	5.85	C10H9N	S	49.2
1890	Naphthalene	91-20-3	128.17	ppm	5.24	C10H8	S	80.26
1891	Naphthaleneacetamide, 1-	86-86-2	185.24	mg/m^3	7.57	C12H11NO	S	
1892	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4	452.30861	mg/m^3	18.49	C10.H7.Na3.O10.S3	S	
1893	Naphthenic acid, lead salt	61790-14-5	1578.52	mg/m^3	64.52	[Unspecified]	L	~0
1894	Naphthol, 1-	90-15-3	144.18	mg/m^3	5.89	C10.H8.O	S	96
1895	Naphthol, 2-	135-19-3	144.18	mg/m^3	5.89	C10.H8.O	S	122
1896	Naphthol-6-sulfonic acid, 6-; (Schaeffer's acid)	93-01-6	224.24	mg/m^3	9.16	C10H8O4S	S	125
1897	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9	247.22	mg/m^3	10.10	C10H8NaO4S		
1898	Naphthoquinone, 1,4-	130-15-4	158.15	mg/m^3	6.46	C10H6O2	S	128.5
1899	Naphthylamine, beta-	91-59-8	143.2	mg/m^3	5.85	C10H9N	S	113
1900	Naphthylthiourea, alpha-; (ANTU)	86-88-4	202.29	mg/m^3	8.27	C11H10N2S	S	198
1901	Neodecanoic acid	26896-20-8	172.3	mg/m^3	7.04	C10H20O2	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
1882	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1						12/08/02	03/10/15	12/31/11
1883	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
1884	Nabumetone; (Relafen; 4-(6-Methoxy-2-naphthyl)-2-butanone)	42924-53-8						08/21/96	12/14/15	12/14/15
1885	Nadic methyl anhydride	25134-21-8	143 @ 10 mm			1.232		04/14/04	09/04/13	12/31/11
1886	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
1887	Naphtha (petroleum),hydrotreated light	64742-49-0	-40°C			0.75 g/mL 20°C		08/02/13	01/02/14	08/02/13
1888	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
1889	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
1890	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
1891	Naphthaleneacetamide, 1-	86-86-2	181 subl					08/07/98	09/04/13	12/31/11
1892	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4						10/11/05	09/04/13	12/31/11
1893	Naphthenic acid, lead salt	61790-14-5						01/04/99	09/04/13	01/19/12
1894	Naphthol, 1-	90-15-3	282.5	1.7	100	1.0989 @ 99°C		10/11/05	09/15/14	09/15/14
1895	Naphthol, 2-	135-19-3	286	10	145.5	0.581 @ 0°C		10/11/05	09/16/14	09/16/14
1896	Naphthol-6-sulfonic acid, 6-; (Schaeffer's acid)	93-01-6						05/13/15		
1897	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9						10/11/05	05/13/15	12/31/11
1898	Naphthoquinone, 1,4-	130-15-4	subl.	0.0195	50	1.422 no temp		08/21/96	06/12/13	06/12/13
1899	Naphthylamine, beta-	91-59-8	306.2	2.56x10-4	25	1.65 @ 98°C		09/30/97	09/04/13	07/17/12
1900	Naphthylthiourea, alpha-; (ANTU)	86-88-4	400	0.000001	25			06/13/02	09/04/13	12/31/11
1901	Neodecanoic acid	26896-20-8						09/30/97	02/24/16	12/09/11

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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)
1902	Neodecanoic acid, calcium salt; (Calcium neodecanoate)	27253-33-4	382.60	mg/m^3	15.64	C20.H38.Ca.O4	S	
1903	Neodymium	7440-00-8	144.24	mg/m^3	5.90	Nd	S	1016
1904	Neodymium bromide	13536-80-6	383.95	mg/m^3	15.69	Br3Nd	S	684
1905	Neodymium fluoride	13709-42-7	201.2352096	mg/m^3	8.22	Nd.F3	S	1377
1906	Neodymium hydroxide	16469-17-3	195.26	mg/m^3	7.98	Nd(OH)3	S	
1907	Neodymium nitrate	10045-95-1	330.26	mg/m^3	13.50	N3NdO9	S	
1908	Neodymium nitrate, pentahydrate	14517-29-4	438.35	mg/m^3	17.92	Nd.(N.O3)3.6(H2.O)	S hygr	
1909	Neodymium nitrite	z-0033	282.23	mg/m^3	11.54	Nd(NO2)3	S	
1910	Neodymium(III) chloride	10024-93-8	250.6	mg/m^3	10.24	Cl3Nd	S	759
1911	Neodymium(III) oxide	1313-97-9	336.48	mg/m^3	13.75	Nd2-O3	S	2233
1912	Neon	7440-01-9	20.18	ppm	0.82	Ne	G	-248.67
1913	**Nerve Agent GA; (Tabun, Ethyl dimethylamido-cyanophosphate)**	**77-81-6**	162.15	ppm	6.63	C5H11N2O2P	L	-49.4
1914	Nickel	7440-02-0	58.69	mg/m^3	2.40	Ni	S	1455
1915	Nickel acetate tetrahydrate	6018-89-9	248.84	mg/m^3	10.17	C4H14O48Ni	S	250 dec
1916	Nickel aluminide	12003-78-0	79.67	mg/m^3	3.26	Ni.Al	S	
1917	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8	376.26	mg/m^3	15.38	C.H4.Ni3.O7.4H2O	S	
1918	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4	304.18	mg/m^3	12.43	Ni3.C.H4.O7	S	
1919	**Nickel carbonyl**	**13463-39-3**	170.73	ppm	6.98	C4NiO4	L	-19.3
1920	Nickel chloride; (Nickelous chloride)	7718-54-9	129.61	mg/m^3	5.30	Ni.Cl2	S deliq	1001 sealed tube
1921	Nickel cyanide	557-19-7	110.75	mg/m^3	4.53	Ni.C2N2	S	>200
1922	Nickel fluoride, tetrahydrate	13940-83-5	168.751	mg/m^3	6.90	F2.H8.Ni.O4	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1902	Neodecanoic acid, calcium salt; (Calcium neodecanoate)	27253-33-4						09/02/08	02/24/16	02/24/16
1903	Neodymium	7440-00-8	3074	7.5x10-3	1322.3	7.01		07/11/07	09/04/13	12/21/11
1904	Neodymium bromide	13536-80-6	540? HC@P					08/07/98	10/25/13	09/04/13
1905	Neodymium fluoride	13709-42-7	2300			6.51		12/08/02	09/04/13	12/31/11
1906	Neodymium hydroxide	16469-17-3						12/08/02	11/20/13	11/20/13
1907	Neodymium nitrate	10045-95-1						09/30/97	02/26/16	12/31/11
1908	Neodymium nitrate, pentahydrate	14517-29-4						10/11/05	02/26/16	02/26/16
1909	Neodymium nitrite	z-0033						12/08/02	11/20/13	11/20/13
1910	Neodymium(III) chloride	10024-93-8	1600			4.13		07/09/97	02/05/16	12/31/11
1911	Neodymium(III) oxide	1313-97-9	3760			7.24		09/17/07	09/04/13	12/31/11
1912	Neon	7440-01-9	-245.9			1.204 @ BP		04/14/04	04/10/14	
1913	**Nerve Agent GA; (Tabun, Ethyl dimethylamido-cyanophosphate)**	**77-81-6**	238 dec	0.07	25	1.073		01/10/01	05/28/09	10/11/05
1914	Nickel	7440-02-0	2913	7.5x10-3	1510	8.9		12/30/95	06/05/14	12/31/11
1915	Nickel acetate tetrahydrate	6018-89-9				1.74		10/11/05	06/05/14	11/16/12
1916	Nickel aluminide	12003-78-0						10/11/05	07/17/14	12/31/11
1917	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8						04/14/04	07/17/14	12/31/11
1918	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4				2.6		04/14/04	07/17/14	12/31/11
1919	**Nickel carbonyl**	**13463-39-3**	42.1	750	42	1.31	20000	11/30/92	06/05/14	11/16/12
1920	Nickel chloride; (Nickelous chloride)	7718-54-9	973 sublime			3.51		06/13/02	06/05/14	11/16/12
1921	Nickel cyanide	557-19-7				2.393		06/13/02	07/17/14	12/31/11
1922	Nickel fluoride, tetrahydrate	13940-83-5						10/11/05	07/17/14	12/31/11

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1923	Nickel formate	3349-06-2	148.73	mg/m^3	6.08	C2H4NiO4	S	
1924	Nickel oxalate	547-67-1	146.71	mg/m^3	6.00	C2NiO4	L	
1925	Nickel oxide; (Nickel(II) oxide)	1313-99-1	74.69	mg/m^3	3.05	NiO	S	1957
1926	Nickel perchlorate	13637-71-3	365.685	mg/m^3	14.95	Ni.(Cl.O4)2-6(H2.O)	S	140
1927	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3	250.89	mg/m^3	10.25	Ni.H4.N2.O6.S2	L	
1928	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0	262.89	mg/m^3	10.74	H12NiO10S	S	~100 dec
1929	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	154.76	mg/m^3	6.33	NiO4S	S	840 dec
1930	Nickel(2+) stearate	2223-95-2	625.64	mg/m^3	25.57	C36.H70.Ni.O4	S	
1931	Nickel(II) bromide	13462-88-9	218.417	mg/m^3	8.93	Ni.Br2	S hygr	963
1932	Nickel(II) carbonate (1:1)	3333-67-3	118.72	mg/m^3	4.85	Ni.C.O3	S	dec
1933	Nickel(II) chloride hexahydrate	7791-20-0	237.73	mg/m^3	9.72	Cl2H12NiO6	S deliq	subl
1934	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7	92.71	mg/m^3	3.79	H2NiO2	S	230 dec
1935	Nickel(II) nitrate hexahydrate	13478-00-7	290.85	mg/m^3	11.89	H12N2NiO12	L	56 dec
1936	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	182	mg/m^3	7.44	N2NiO6	S	56.7
1937	Nickel(II) nitrite	17861-62-0	150.7	mg/m^3	6.16	Ni.(NO2)2	S	
1938	Nickel(II) phosphate	10381-36-9	366.01	mg/m^3	14.96	Ni3.(PO4)2	S	
1939	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3	109.74	mg/m^3	4.49	H3NiO3	S	230 dec
1940	Nicotinamide	98-92-0	122.14	mg/m^3	4.99	C6.H6.N2.O	S	129
1941	Nicotine sulfate	65-30-5	418.56	mg/m^3	17.11	C20H26N4.O4S	S	
1942	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
1943	Niobium	7440-03-1	92.1	mg/m^3	3.76	Nb	S	2468
1944	Niobium chloride	10026-12-7	270.16	mg/m^3	11.04	Cl5Nb	S	205.8

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1923	Nickel formate	3349-06-2				2.15		08/07/98	06/05/14	12/31/11
1924	Nickel oxalate	547-67-1						12/08/02	06/05/14	06/05/14
1925	Nickel oxide; (Nickel(II) oxide)	1313-99-1				6.72		08/21/96	06/05/14	06/05/14
1926	Nickel perchlorate	13637-71-3						10/11/05	06/05/14	06/05/14
1927	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3						04/14/04	06/05/14	12/31/11
1928	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0				2.031		08/07/98	06/05/14	06/05/14
1929	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	103			4.01		09/30/97	06/05/14	06/05/14
1930	Nickel(2+) stearate	2223-95-2						10/11/05	07/17/14	12/31/11
1931	Nickel(II) bromide	13462-88-9				5.1		04/14/04	06/05/14	12/31/11
1932	Nickel(II) carbonate (1:1)	3333-67-3				4.39		10/11/05	06/05/14	06/05/14
1933	Nickel(II) chloride hexahydrate	7791-20-0	987	1	671	3.55		08/07/98	07/18/14	06/05/14
1934	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7				4.1		09/30/97	07/18/14	07/18/14
1935	Nickel(II) nitrate hexahydrate	13478-00-7	136.7			2.05		09/30/97	06/05/14	12/31/11
1936	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	137			2.05 no temp		12/30/95	06/05/14	07/17/12
1937	Nickel(II) nitrite	17861-62-0						12/08/02	06/05/14	12/31/11
1938	Nickel(II) phosphate	10381-36-9						12/08/02	07/19/14	12/31/11
1939	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3				4.15		09/30/97	07/19/14	05/01/12
1940	Nicotinamide	98-92-0	157 @ 0.0005 mm	0.00042	25	1.4		10/11/05	09/04/13	12/31/11
1941	Nicotine sulfate	65-30-5		0.00001	25	1.15 @ 20°C		12/08/02	11/19/12	11/19/12
1942	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
1943	Niobium	7440-03-1	4742			8.57		07/02/08	09/04/13	12/31/11
1944	Niobium chloride	10026-12-7	247.4			2.75		01/04/99	09/04/13	01/25/12

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1945	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8	265.82	mg/m^3	10.86	Nb2O5	S	1500
1946	Niobium(IV) carbide	12069-94-2	104.92	mg/m^3	4.29	Nb.C	S	3500
1947	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4	230.9	mg/m^3	9.44	C6H3Cl4N	S	62-63
1948	Nitrate(s)	14797-55-8	62.005	mg/m^3	2.53	NO3	S	
1949	**Nitric acid**	**7697-37-2**	63.01	ppm	2.58	HNO3	L	-41.6
1950	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	119.12	ppm	4.87	C4.H9.N.O3	L	
1951	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	91.08	ppm	3.72	C2.H5.N.O3	L	-112
1952	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	133.17	ppm	5.44	C5.H11.N.O3	L	-123
1953	Nitric oxide	10102-43-9	30.01	ppm	1.23	NO	G	-163.3
1954	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6	235.12	mg/m^3	9.61	C6.H7.N.O6.2Na	S	>300
1955	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	275.101	mg/m^3	11.24	C6.H6.N.O6.3Na.H2.0	S	340
1956	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	191.16	mg/m^3	7.81	C6H9NO6	S	242 dec
1957	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
1958	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	138.13	mg/m^3	5.65	C6H6N2O2	S	72
1959	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	138.13	mg/m^3	5.65	C6H6N2O2	S	114
1960	Nitroaniline, p-	100-01-6	138.12	mg/m^3	5.65	C6H6N2O2	S	147.5
1961	Nitrobenzene	98-95-3	123.11	ppm	5.03	C6H5NO2	L	5.7
1962	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4	225.16	mg/m^3	9.20	C6.H4.N.O5.Na	S	350
1963	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	199.21	mg/m^3	8.14	C12H9NO2	S	114
1964	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-Chloronitrobenzene)	121-73-3	157.56	mg/m^3	6.44	C6H4 ClNO2	S	46
1965	Nitrocyclohexane	1122-60-7	129.18	mg/m^3	5.28	C6H11NO2	L	-34
1966	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0	127.1	ppm	5.19	[C6H9-NO2]		

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1945	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8				4.6		08/07/98	09/04/13	07/17/12
1946	Niobium(IV) carbide	12069-94-2				7.7		04/15/07	09/04/13	12/31/11
1947	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4		0.003	22.5			06/13/02	11/19/12	11/19/12
1948	Nitrate(s)	14797-55-8						01/04/99	09/04/13	12/31/11
1949	**Nitric acid**	**7697-37-2**	83	75	28.4	1.5129 @ 20°C		11/30/92	02/12/15	02/12/15
1950	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	136			1.0228 @ 30°C		04/15/07	10/25/13	09/05/13
1951	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
1952	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	145			0.99		10/11/05	09/04/13	12/31/11
1953	Nitric oxide	10102-43-9	-151.74	750	-151.9	1.226		12/30/95	02/12/15	02/12/15
1954	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6						10/11/05	04/22/15	07/02/13
1955	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8				1.782		04/15/07	03/10/15	06/25/13
1956	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	167 @ 13 mmHg	7x10-9	25			01/04/99	07/02/13	07/02/13
1957	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
1958	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	284.5	0.00277	25	0.9015		12/08/02	03/10/15	09/10/14
1959	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	306.4	0.0000362	25	0.9011		12/08/02	09/10/14	09/10/14
1960	Nitroaniline, p-	100-01-6	332	7.5x10-3	87.8	1.424 @ 20°C		12/30/95	09/10/14	12/31/11
1961	Nitrobenzene	98-95-3	210.8	7.5x10-2	10	1.205 @ 15°C	18000	12/30/95	09/05/13	12/31/11
1962	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4						07/11/07	09/05/13	12/31/11
1963	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	340					09/30/97	09/05/13	09/05/13
1964	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
1965	Nitrocyclohexane	1122-60-7	205.5	0.35	25	1.0610 @ 20°C		12/08/02	12/02/13	12/02/13
1966	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0						12/08/02	11/20/13	11/20/13

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1967	Nitrodiphenylamine, 2-	119-75-5	214.24	mg/m^3	8.76	C12H10N2O2	S	75.5
1968	Nitroethane	79-24-3	75.08	ppm	3.07	C2H5NO2	L	-90
1969	Nitrogen	7727-37-9	28.02	ppm	1.15	N2	G	-210
1970	**Nitrogen dioxide**	**10102-44-0**	46.01	ppm	1.88	NO2	G	-9.3
1971	Nitrogen mustard hydrochloride	55-86-7	192.52	mg/m^3	7.87	C5H12Cl3N	S	111.5
1972	**Nitrogen mustard-1; (Ethylbis(2-chloroethyl)amine; Bis(2-chloroethyl)ethylamine)**	**538-07-8**	170.1	mg/m^3	6.95	C6.H13.Cl2.N	L	-34
1973	**Nitrogen mustard-2; (Bis(b-chloroethyl)methylamine)**	**51-75-2**	156.05	mg/m^3	6.38	C5H11Cl2N	L	-60
1974	**Nitrogen mustard-3; (Tris(2-chloroethyl)amine)**	**555-77-1**	204.57	mg/m^3	8.36	C6H12Cl3N	L	-4
1975	**Nitrogen tetroxide**	**10544-72-6**	92.02	ppm	3.76	N2O4	G	-11.2
1976	**Nitrogen trifluoride**	**7783-54-2**	71.01	ppm	2.90	F3N	G	-206.79
1977	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	76.011	ppm	3.11	N2O3	G	-101.1
1978	Nitroglycerin	55-63-0	227.1	mg/m^3	9.28	C3H5N3O9	L	13.5
1979	Nitromethane	75-52-5	61.05	ppm	2.50	CH3NO2	L	-29
1980	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	64.06	ppm	2.62	C.D3.N.O2	L	
1981	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
1982	Nitronium Tetrafluoroborate	13826-86-3	132.82	mg/m^3	5.43	B.F4.N.O2	S	
1983	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	139.12	mg/m^3	5.69	C6H5NO3	S	45
1984	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	139.12	mg/m^3	5.69	C6H5NO3	S	97
1985	Nitrophenol, 4-; (p-Nitrophenol); Includes 25154-55-6 (mixed isomers)	100-02-7	139.11	mg/m^3	5.69	C6H5NO3	S	113.6
1986	Nitropropane, 1-	108-03-2	89.09	ppm	3.64	C3H7NO2	L	-108

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1967	Nitrodiphenylamine, 2-	119-75-5				1.36		03/01/00	11/18/13	11/18/13
1968	Nitroethane	79-24-3	114	20.8	25	1.046	34000	01/04/99	03/06/15	03/06/15
1969	Nitrogen	7727-37-9	-195.79			0.808 @ -195.8°C		04/15/07	04/10/14	06/08/09
1970	**Nitrogen dioxide**	**10102-44-0**	21.15	908	25	1.88		11/30/92	02/12/15	10/15/06
1971	Nitrogen mustard hydrochloride	55-86-7	87 @ 18mmHg			1.118		08/07/98	07/02/13	06/13/13
1972	**Nitrogen mustard-1; (Ethylbis(2-chloroethyl)amine; Bis(2-chloroethyl)ethylamine)**	**538-07-8**	194 dec	0.25	25	1.09		12/08/02	02/17/15	12/31/11
1973	**Nitrogen mustard-2; (Bis(b-chloroethyl)methylamine)**	**51-75-2**	87 @ 18 mmHg	0.17	25	1.118		09/30/97	03/10/15	12/31/11
1974	**Nitrogen mustard-3; (Tris(2-chloroethyl)amine)**	**555-77-1**	98 @ 2mm			1.2347		03/01/00	02/17/15	12/31/11
1975	**Nitrogen tetroxide**	**10544-72-6**	21.15			1.493 @ 20°C		06/13/02	02/13/15	02/13/15
1976	**Nitrogen trifluoride**	**7783-54-2**	-129			2.9 g/L		08/07/98	02/17/15	01/22/10
1977	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	~ 3			1.4 @ 2°C		07/03/08	12/14/15	12/14/15
1978	Nitroglycerin	55-63-0	218 expl	7.5x10-3	48.6	1.5931 @ 20°C		09/30/97	01/22/14	07/20/12
1979	Nitromethane	75-52-5	101	35.8	25	1.38 @ 20°C	73000	01/04/99	02/08/13	02/08/12
1980	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	100			1.183		07/11/07	10/23/13	09/05/13
1981	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
1982	Nitronium Tetrafluoroborate	13826-86-3						07/11/07	09/05/13	12/31/11
1983	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	214.5	1	49.3	1.495		01/10/01	10/06/14	10/06/14
1984	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
1985	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
1986	Nitropropane, 1-	108-03-2	131.1	7.5	20	0.9961	22000	09/30/97	09/10/14	11/26/12

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1987	Nitropropane, 2-	79-46-9	89.09	ppm	3.64	C3H7NO2	L	-91.3
1988	Nitropyrene, 1-	5522-43-0	247.26	mg/m^3	10.11	C16H9NO2	S	151-152
1989	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0	140.11	mg/m^3	5.73	C5H4N2O3	S	159-160
1990	Nitrosodimethylamine	62-75-9	74.08	mg/m^3	3.03	C2H6N2O	L	
1991	Nitrosodiphenylamine, p-	156-10-5	198.24	mg/m^3	8.10	C12H10N2O	S	144-145
1992	Nitrosodipropylamine; (DPNA)	621-64-7	130.22	mg/m^3	5.32	C6H14N2O		
1993	Nitrosomorpholine, N-	59-89-2	116.12	mg/m^3	4.75	C4H8N2O2	S	29
1994	Nitroso-N-methylurea, N-	684-93-5	103.08	mg/m^3	4.21	C2H5N3O2	S	123 dec
1995	Nitrosophenol, p-	104-91-6	123.11	mg/m^3	5.03	C6H5NO2	S	144 dec
1996	Nitrosotoluene, 2-; (o-Nitrosotoluene)	611-23-4	121.15	mg/m^3	4.95	C7H7NO	S	72.5
1997	Nitrosyl chloride	2696-92-6	65.46	ppm	2.68	ClNO	G	-59.6
1998	Nitrosylsulfuric acid	7782-78-7	127.07	mg/m^3	5.19	H.N.O5.S	S	73.5 dec
1999	Nitrotoluene, m-	99-08-1	137.15	ppm	5.61	C7H7NO2	L	16
2000	Nitrotoluene, o-	88-72-2	137.15	ppm	5.61	C7H7NO2	L	-10
2001	Nitrotoluene, p-	99-99-0	137.14	ppm	5.61	C7H7NO2	S	51.63
2002	Nitrous acid	7782-77-6	47.01	mg/m^3	1.92	HNO2	L	
2003	Nitrous oxide	10024-97-2	44.01	ppm	1.80	N2O	G	-90.8
2004	Nonacosane	630-03-5	408.793	mg/m^3	16.71	C29.H60	S	
2005	Nonanal	124-19-6	142.27	mg/m^3	5.81	C9-H18-O	L	
2006	Nonane; (Shellsol 140)	111-84-2	128.26	ppm	5.24	C9H20	L	-53.46
2007	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	139.27	ppm	5.69	C9-H17-N	L	-34.2
2008	Nonanoic acid	112-05-0	158.27	mg/m^3	6.47	C9.H18.O2	L	12

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
1987	Nitropropane, 2-	79-46-9	120.2	7.5	10.7	0.9821	26000	12/30/95	03/10/15	01/23/13
1988	Nitropyrene, 1-	5522-43-0						06/13/02	01/24/13	12/31/11
1989	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0						06/13/02	09/05/13	07/23/12
1990	Nitrosodimethylamine	62-75-9	152	7.5	30.7	1.0048		09/30/97	09/05/13	11/26/12
1991	Nitrosodiphenylamine, p-	156-10-5						06/13/02	09/05/13	11/26/12
1992	Nitrosodipropylamine; (DPNA)	621-64-7	206			.92 @ 20°C		01/04/99	09/05/13	01/22/12
1993	Nitrosomorpholine, N-	59-89-2	225					09/30/97	02/26/16	02/26/16
1994	Nitroso-N-methylurea, N-	684-93-5						09/30/97	06/19/13	06/19/13
1995	Nitrosophenol, p-	104-91-6						09/30/97	02/26/16	12/31/11
1996	Nitrosotoluene, 2-; (o-Nitrosotoluene)	611-23-4						09/30/97	10/03/13	10/03/13
1997	Nitrosyl chloride	2696-92-6	-5.5	>760		2.68 g/L		01/04/99	09/05/13	12/31/11
1998	Nitrosylsulfuric acid	7782-78-7				3		07/11/07	10/03/13	12/31/11
1999	Nitrotoluene, m-	99-08-1	231.9	0.27	25	1.1630 @ 15°C		06/13/02	03/10/15	11/26/12
2000	Nitrotoluene, o-	88-72-2	222.3	1	50	1.1622 @ 19°C/15°C		06/13/02	03/10/15	11/26/12
2001	Nitrotoluene, p-	99-99-0	238.3	0.164	25	1.1038 @ 75°C		09/30/97	03/10/15	11/26/12
2002	Nitrous acid	7782-77-6						12/08/02	04/22/15	04/22/15
2003	Nitrous oxide	10024-97-2	-88.48	750	-88.7	1.799		11/30/92	09/05/13	12/31/11
2004	Nonacosane	630-03-5						06/13/02	09/05/13	12/31/11
2005	Nonanal	124-19-6	190-192			0.820-0.830		12/08/02	09/05/13	12/31/11
2006	Nonane; (Shellsol 140)	111-84-2	150.82	7.5	34	0.7192 @ 20°C		11/15/96	03/10/15	10/09/14
2007	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	224.4			0.8178 @ 20°C		12/08/02	05/13/14	05/13/14
2008	Nonanoic acid	112-05-0	254	0.00165	25	0.9055 @ 20°C		10/11/05	09/05/13	12/31/11

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2009	Nonanone, 2-	821-55-6	142.27	ppm	5.81	C9-H18-O	L	-9
2010	Nonene, 1-	124-11-8	126.24	ppm	5.16	C9.H18	L	-81.3
2011	Nonoxynol-4	7311-27-5	396.57	mg/m^3	16.21	C23H40O5	L	
2012	Nonyl alcohol	143-08-8	144.29	mg/m^3	5.90	C9.H20.O	L	-5
2013	Nonyl phenol (mixed isomers, includes p-nonyl phenol, 104-40-5)	25154-52-3	220.35	mg/m^3	9.01	C15H24O	L	-10
2014	Nonyl phenol, 4- (branched)	84852-15-3	220.39	mg/m^3	9.01	C15H24O	L	
2015	Nonylphenol, 4-, branched, ethoxylated	127087-87-0	396.63	mg/m^3	16.21	C23-H40-O5	L	
2016	Nonylphenoxypolyethoxyethanol	68412-54-4		mg/m^3		[Unspecified]	S	
2017	**Nonyltrichlorosilane**	**5283-67-0**	261.72	ppm	10.70	C9.H19.Cl3.Si	L	
2018	Norbormide	991-42-4	511.61	mg/m^3	20.91	C33H25N3O3	S	190-198
2019	Novol ketone; (5-dithylamino-2-pentanone)	105-14-6	157.29	mg/m^3	6.43	C9H19NO	L	
2020	n-Propanol (Propyl alcohol, n-)	71-23-8	60.11	ppm	2.46	C3H8O	L	-127
2021	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
2022	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0	443.72	mg/m^3	18.14	C12Cl8O	S	
2023	Octachloronaphthalene	2234-13-1	403.73	mg/m^3	16.50	C10Cl8	S	197.5
2024	Octacosane	630-02-4	394.77	ppm	16.13	C28.H58	S	57-62
2025	Octadecane, n-	593-45-3	254.5	ppm	10.40	C18.H38	S	28.2
2026	Octadecanoic acid, n-; (Stearic acid)	57-11-4	284.48	mg/m^3	11.63	C18H36O2	S	69.3
2027	Octadecanol, 1-	112-92-5	270.56	ppm	11.06	C18-H38-O	S	58
2028	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	282.52	mg/m^3	11.55	C18.H34.O2	L	16.3
2029	Octadecyl methacrylate	32360-05-7	338.5726	mg/m^3	13.84	C22.H42.O2	L	18-20
2030	**Octadecyltrichlorosilane**	**112-04-9**	387.99	ppm	15.86	C18.H37.Cl3.Si	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2009	Nonanone, 2-	821-55-6	194			0.832 @ 30°C	9000	12/08/02	09/05/13	09/05/13
2010	Nonene, 1-	124-11-8	146.9	5.4	25	0.7433		10/11/05	04/22/15	04/22/15
2011	Nonoxynol-4	7311-27-5						06/13/02	09/05/13	12/31/11
2012	Nonyl alcohol	143-08-8	213.5	0.0227	25	0.827 @ 20°C	8000	10/11/05	11/14/13	11/14/13
2013	Nonyl phenol (mixed isomers, includes p-nonyl phenol, 104-40-5)	25154-52-3	293-297	2.36x10-5	25	0.950 @ 20°C	10000	07/09/97	02/24/16	02/24/16
2014	Nonyl phenol, 4- (branched)	84852-15-3						07/09/97	02/23/16	02/23/16
2015	Nonylphenol, 4-, branched, ethoxylated	127087-87-0						01/04/99	09/05/13	09/05/13
2016	Nonylphenoxypolyethoxyethanol	68412-54-4						01/04/99	09/05/13	12/31/11
2017	**Nonyltrichlorosilane**	**5283-67-0**				1.072		09/05/08	02/12/15	
2018	Norbormide	991-42-4						12/08/02	09/05/13	11/27/12
2019	Novol ketone; (5-dithylamino-2-pentanone)	105-14-6						05/13/15		
2020	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
2021	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-; (OCDD, Octachlorodibenzo-p-dioxin)	3268-87-9		8.00E-13	25			03/01/00	12/11/14	12/11/14
2022	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0						03/01/00	12/11/14	12/11/14
2023	Octachloronaphthalene	2234-13-1	441 @ 7mmHg	1.1x10-8	25	2		09/30/97	02/26/16	12/31/11
2024	Octacosane	630-02-4	440	<1	20			06/13/02	10/09/14	10/09/14
2025	Octadecane, n-	593-45-3	316.3			0.7768 @ 28°C		10/11/05	10/09/14	10/09/14
2026	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
2027	Octadecanol, 1-	112-92-5	202	0.0000026	25	0.8124 @ 59°C		12/08/02	03/10/15	07/23/12
2028	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
2029	Octadecyl methacrylate	32360-05-7	195 @ 6mm			0.864		10/11/05	09/06/13	12/31/11
2030	**Octadecyltrichlorosilane**	**112-04-9**	160 @ 13	<5	20	0.984		06/25/07	02/09/15	06/25/07

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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)
2031	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	200.03	ppm	8.18	C4F8	G	-41.4
2032	Octamethylcyclotetrasiloxane	556-67-2	296.68	ppm	12.13	C8-H24-O4-Si4	L	17.5
2033	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide, Schradan)	152-16-9	286.3	mg/m^3	11.70	C8H24N4O3P2	L	20-21
2034	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	128.24	mg/m^3	5.24	C8-H16-O	L	-23
2035	Octanamine, 1-	111-86-4	129.28	mg/m^3	5.28	C8.H19.N	L	
2036	Octane, n-	111-65-9	114.26	ppm	4.67	CH3.(CH2)6.CH3	L	
2037	Octanedione, 2,5-	3214-41-3	142	mg/m^3	5.80	C8H14O2	L	
2038	Octanenitrile	124-12-9	125.24	ppm	5.12	C8-H15-N	L	-45.6
2039	Octanethiol, 1-	111-88-6	146.21	ppm	5.98	C8.H18.S	L	-49.2
2040	Octanoic acid; (Caprylic acid)	124-07-2	144.24	mg/m^3	5.90	C8.H16.O2	L	17
2041	Octanol, 2-	123-96-6	130.26	mg/m^3	5.32	C8.H18.O	L	-31.6
2042	Octanone, 2-	111-13-7	128.24	mg/m^3	5.24	C8-H16-O	L	-16
2043	Octaphenylcyclotetrasiloxane	546-56-5	793.24	mg/m^3	32.42	C48.H40.O4.Si4	S	200.5
2044	**Octene, 1-**	**111-66-0**	112.22	ppm	4.59	C8H16	L	-101.7
2045	**Octyl alcohol; (n-Octanol)**	**111-87-5**	130.28	ppm	5.32	C8H18O	L	-14.8
2046	**Octyl mercaptan, t-**	**141-59-3**	146.32	ppm	5.98	C8.H18.S	L	
2047	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9	210.32	mg/m^3	8.60	C16-H18		
2048	**Octyltrichlorosilane**	**5283-66-9**	246.69	ppm	10.08	C8.H17.Cl3.Si	L	
2049	Oil gas; (Oil fog)	z-0035	11.9	ppm	0.49	[Unspecified]	G	
2050	**Oleum; (fuming Sulfuric acid)**	**8014-95-7**	178.14	mg/m^3	7.28	H2O4S.O3S	L	
2051	Organorhodium complex	z-0036	300	mg/m^3	12.26	[Unspecified]	S	
2052	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	106.14	ppm	4.34	C4.H10.O3	L	15

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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
2031	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	-6.04			1.513 @ -21°C		12/08/02	01/16/14	01/16/14
2032	Octamethylcyclotetrasiloxane	556-67-2	175			0.9558		12/08/02	03/10/15	11/18/14
2033	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide, Schradan)	152-16-9	154 @ 2 mm	0.001	25	1.09		12/08/02	06/19/13	02/06/13
2034	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
2035	Octanamine, 1-	111-86-4	185-187			0.779 @ 20°C		10/11/05	09/06/13	12/31/11
2036	Octane, n-	111-65-9	125.8	10	19.2	0.7036	10000	06/13/02	03/10/15	08/26/14
2037	Octanedione, 2,5-	3214-41-3						03/01/00	11/18/13	11/18/13
2038	Octanenitrile	124-12-9	205.2			0.8136 @ 20°C		12/08/02	10/25/13	12/31/11
2039	Octanethiol, 1-	111-88-6	198.1	0.4245	25	0.8433 @ 20°C		07/11/07	09/06/13	12/31/11
2040	Octanoic acid; (Caprylic acid)	124-07-2	240			0.91 @ 20°C		10/11/05	09/06/13	12/31/11
2041	Octanol, 2-	123-96-6	179.3	0.242	25	0.8193 @ 20°C		10/11/05	01/15/16	01/15/16
2042	Octanone, 2-	111-13-7	172.5			0.820 @ 20°C		12/08/02	07/16/13	07/16/13
2043	Octaphenylcyclotetrasiloxane	546-56-5	330					10/11/05	09/06/13	12/31/11
2044	**Octene, 1-**	**111-66-0**	121.2	17.4	25	0.71	7000	01/04/99	03/10/15	
2045	**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
2046	**Octyl mercaptan, t-**	**141-59-3**	154-166	5.2	25	0.848 @ 15.5°C		01/22/10		12/31/11
2047	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9						08/07/98	09/06/13	12/31/11
2048	**Octyltrichlorosilane**	**5283-66-9**	232			1.07 @ 20°C		09/05/08	02/12/15	09/05/08
2049	Oil gas; (Oil fog)	z-0035						12/08/02	11/14/13	11/14/13
2050	**Oleum; (fuming Sulfuric acid)**	**8014-95-7**						12/08/02	02/17/15	05/10/10
2051	Organorhodium complex	z-0036						12/08/02	07/10/14	07/10/14
2052	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	100.6			0.9676 @ 20°C		10/11/05	11/14/13	11/14/13

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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)
2053	Osmium	7440-04-2	190.2	mg/m^3	7.77	Os	S	3033
2054	**Osmium tetroxide**	**20816-12-0**	254.23	ppm	10.39	O4Os	S	40.6
2055	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**	170	ppm	6.95			
2056	Ouabain	630-60-4	584.73	mg/m^3	23.90	C29H44O12	S	190
2057	Oxalic acid dihydrate	6153-56-6	126.1	mg/m^3	5.15	C2H6O6	S	189.5
2058	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	90.04	mg/m^3	3.68	C2H2O4	S	189.5 dec
2059	Oxalyl chlorine	79-37-8	126.93	ppm	5.19	Cl.C.O.CO.Cl	L	-16
2060	Oxamide	471-46-5	88.08	mg/m^3	3.60	C2.H4.N2.O2	S	350 dec
2061	Oxamyl	23135-22-0	219.29	mg/m^3	8.96	C7H13N3O3S	S	100-102
2062	Oxathiane, 1,4-	15980-15-1	104.18	ppm	4.26	C4H8OS	L	-17
2063	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	70.1	ppm	2.87	C4-H6-O	L	-135
2064	Oxone, monopersulfate compound	37222-66-5		mg/m^3			S	
2065	Oxybis(N,N-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	160.2588	ppm	6.55	C8H20N2O	L	
2066	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	134.09	mg/m^3	5.48	C4H6O5	S	148
2067	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	274.3	mg/m^3	11.21	C12.H18.O7	L	-4
2068	Oxydiphenoxarsine, 10,10'-; (Phenoxarsine oxide)	58-36-6	502.24	mg/m^3	20.53	C24H16As2O3	S	184-185
2069	Oxydisulfoton	2497-07-6	290.42	mg/m^3	11.87	C8H19O3PS3	L	
2070	**Oxygen difluoride; (Fluorine monoxide)**	**7783-41-7**	54	ppm	2.21	F2O	G	-223.8
2071	Ozone	10028-15-6	48	ppm	1.96	O3	G	-193
2072	Palladium	7440-05-3	106.42	mg/m^3	4.35	Pd	S	1554.8
2073	Palladium chloride (Palladium(II) chloride)	7647-10-1	177.33	mg/m^3	7.25	Cl2Pd	S crystals	678-680

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2053	Osmium	7440-04-2	5012			22.59		07/11/07	10/09/13	12/31/11
2054	**Osmium tetroxide**	**20816-12-0**	131.2	11	27	5.1		09/30/97	02/17/15	06/27/08
2055	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**						10/11/05	10/03/13	10/15/06
2056	Ouabain	630-60-4						06/13/02	09/06/13	09/06/13
2057	Oxalic acid dihydrate	6153-56-6	dec	0.54	105	1.653		09/30/97	05/26/15	05/26/15
2058	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
2059	Oxalyl chlorine	79-37-8	63.5			1.4785 @ 20°C		07/11/07	09/06/13	12/31/11
2060	Oxamide	471-46-5	419 dec			1.667 @ 20°C		04/15/07	09/06/13	12/31/11
2061	Oxamyl	23135-22-0	310	0.00023	25	0.98		12/08/02	09/06/13	12/31/11
2062	Oxathiane, 1,4-	15980-15-1	148.7			1.12 @ 20°C		01/04/99	03/10/15	12/31/11
2063	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	67			0.869		12/08/02	09/06/13	12/31/11
2064	Oxone, monopersulfate compound	37222-66-5						10/11/05	09/06/13	12/31/11
2065	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
2066	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	dec					01/04/99	09/06/13	12/31/11
2067	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	162			1.14		10/11/05	10/03/13	10/03/13
2068	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
2069	Oxydisulfoton	2497-07-6	330	0.0035	25			12/08/02	11/28/12	11/28/12
2070	**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
2071	Ozone	10028-15-6	-111.35	750	-111.5	1.962		11/30/92	02/11/16	12/31/11
2072	Palladium	7440-05-3	2963	7.5x10-3	1448	12		12/30/95	07/23/12	07/23/12
2073	Palladium chloride (Palladium(II) chloride)	7647-10-1				4		01/04/99	09/06/13	01/16/12

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2074	Palladium hydroxide	12135-22-7	140.43	mg/m^3	5.74	Pd(OH)2	S	
2075	Palladium nitrate	10102-05-3	230.42	mg/m^3	9.42	Pd. (N.O3)2	S hygr	dec.
2076	Palladium oxide	1314-08-5	122.42	mg/m^3	5.00	Pd.O	S	750 dec.
2077	Paraformaldehyde	30525-89-4	30.03	mg/m^3	1.23	(CH2O)n	S	155
2078	Paraldehyde	123-63-7	132.16	mg/m^3	5.40	C6H12O3	L	12.6
2079	Paraquat	4685-14-7	186.25	mg/m^3	7.61	C12H14N2	S	
2080	Paraquat dichloride	1910-42-5	257.16	mg/m^3	10.51	C12H14Cl2N2	S	300 dec
2081	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2	408.48	mg/m^3	16.70	C12H4N2-2CH3-SO4	S	300
2082	**Parathion**	**56-38-2**	291.26	mg/m^3	11.90	C10H14NO5PS	L	6.1
2083	Paris Green; (Cupric acetoarsenite)	12002-03-8	1013.78	mg/m^3	41.43	C4-H6-As6-Cu4-O16	S	
2084	PBX (mixture of HMX and nitrocellulose [CTN])	z-0038	450	mg/m^3	18.39	.25HMX+.75CTN	S	
2085	**Pentaborane**	**19624-22-7**	63.14	ppm	2.58	B5H9	L	-46.6
2086	Pentachlorobenzene	608-93-5	250.34	mg/m^3	10.23	C6HCl5	S	86
2087	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6	340.4	mg/m^3	13.91	C12H3Cl5O	S	
2088	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4	340.4	mg/m^3	13.91	C12H3Cl5O		196-196.5
2089	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	356.4	mg/m^3	14.57	C12H3Cl5O2	S	240-241
2090	Pentachloroethane	76-01-7	202.29	mg/m^3	8.27	C2HCl5	L	-28.78
2091	Pentachloronitrobenzene	82-68-8	295.34	mg/m^3	12.07	C6Cl5NO2	S	144
2092	Pentachlorophenol	87-86-5	266.34	mg/m^3	10.89	C6HCl5O	S	174
2093	Pentadecafluorooctanoic acid	335-67-1	414.09	mg/m^3	16.92	C8.H.F15.O2	S	55-56
2094	Pentadecane	629-62-9	212.47	ppm	8.68	C15H32	L	9.9
2095	Pentadecanoic acid	1002-84-2	242.45	ppm	9.91	C15-H30-O2	S	53

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2074	Palladium hydroxide	12135-22-7						12/08/02	11/20/13	11/20/13
2075	Palladium nitrate	10102-05-3						05/24/10	09/06/13	12/31/11
2076	Palladium oxide	1314-08-5				8.3		05/24/10	09/06/13	01/17/12
2077	Paraformaldehyde	30525-89-4	decomp			1.46 @ 15°C	70000	06/13/02	03/10/15	12/31/11
2078	Paraldehyde	123-63-7	124.3	7.5	17	0.9943 @ 20°C	13000	12/30/95	09/06/13	07/23/12
2079	Paraquat	4685-14-7	175-180 dec	~0	20	1.24 @ 20°C		09/30/97	07/23/12	07/23/12
2080	Paraquat dichloride	1910-42-5						08/07/98	11/19/14	11/19/14
2081	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2		0.0000001	25			06/13/02	09/06/13	12/31/11
2082	**Parathion**	**56-38-2**	375	6.68x10-6	20	1.2681 @ 20°C		12/30/95	02/13/15	12/31/11
2083	Paris Green; (Cupric acetoarsenite)	12002-03-8		0.00001	25			12/08/02	01/28/14	01/28/14
2084	PBX (mixture of HMX and nitrocellulose [CTN])	z-0038						12/08/02	05/13/15	05/13/15
2085	**Pentaborane**	**19624-22-7**	60	170	25	0.61 @ 0°C	4200	04/15/07	08/27/15	08/27/15
2086	Pentachlorobenzene	608-93-5	277	0.0065	25	1.8342 @ 16°C		12/30/95	09/06/13	01/19/12
2087	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6						03/01/00	12/11/14	12/11/14
2088	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4		2.63x10-9	25			09/30/97	12/11/14	12/11/14
2089	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4						09/30/97	12/11/14	12/11/14
2090	Pentachloroethane	76-01-7	162	7.5	37.4	1.6796 @ 20°C		12/30/95	09/06/13	07/24/12
2091	Pentachloronitrobenzene	82-68-8	328 dec	5x10-5	20	1.718		12/30/95	09/06/13	12/31/11
2092	Pentachlorophenol	87-86-5	310 dec	1.10x10-4	25	1.978 @ 22°C		12/30/95	04/10/14	04/10/14
2093	Pentadecafluorooctanoic acid	335-67-1	189	0.15	20	1.792 @ 20°C		10/11/05	08/16/13	08/16/13
2094	Pentadecane	629-62-9	270.6	0.0034	35	0.7685 @ 20°C		12/08/02	03/10/15	12/31/11
2095	Pentadecanoic acid	1002-84-2	257 @ 100 MM					12/08/02	09/06/13	12/31/11

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2096	Pentadecylamine	2570-26-5	227.49	mg/m^3	9.30	C15H33N	S	36.5
2097	Pentaerythritol	115-77-5	136.17	mg/m^3	5.57	C5H12O4	S	258
2098	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	
2099	Pentaerythritol tetranitrate	78-11-5	316.17	mg/m^3	12.92	C5H8N4O12	S	138-140
2100	Pentafluorobenzoic acid	602-94-8	212.08	mg/m^3	8.67	C7.H.F5.O2	S	107
2101	Pentafluoropropane, 1,1,1,3,3-	460-73-1	134.06	ppm	5.48	C3.H3.F5	G	
2102	Pentane, n-	109-66-0	72.17	ppm	2.95	C5H12	L	-129.8
2103	Pentanediol, 1,5-	111-29-5	104.17	mg/m^3	4.26	C5.H12.O2	L	-18
2104	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	100.13	ppm	4.09	C5.H8.O2	L	-23.2
2105	Pentanenitrile; (Valeronitrile)	110-59-8	83.15	ppm	3.40	C5-H9-N	L	-96.2
2106	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	86.15	ppm	3.52	C5H10O	L	
2107	Pentanone, 3-; (Diethyl ketone)	96-22-0	86.15	ppm	3.52	C5.H10.O	L	-42
2108	Pentatriacontane	630-07-9	492.9538	mg/m^3	20.15	C35.H72	S	
2109	Pentene, 1-	109-67-1	70.13	ppm	2.87	C5H10	L	-165.2
2110	**Peracetic acid**	**79-21-0**	76.06	mg/m^3	3.11	C2H4O3	L	-0.2
2111	Perboric acid, sodium salt	7632-04-4	82.81	mg/m^3	3.38	BHNaO3	S crystals	60 dec
2112	Perchloric acid	7601-90-3	100.46	ppm	4.11	ClHO4	L	-112
2113	Perchloric acid, zinc salt, hexahydrate	10025-64-6	372.39	mg/m^3	15.22	Cl2.O8-Zn-6(H2.O)	S	105-107
2114	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	165.83	ppm	6.78	C2Cl4	L	-22.3
2115	**Perchloromethyl mercaptan**	**594-42-3**	185.89	ppm	7.60	CCl4S	L	
2116	**Perchloryl fluoride; (Chlorine oxyfluoride)**	**7616-94-6**	102.45	ppm	4.19	ClFO3	G	-146

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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
2096	Pentadecylamine	2570-26-5	307.6	0.0003	25			12/08/02	11/14/13	12/31/11
2097	Pentaerythritol	115-77-5	subl	2.53x10-8	25	1.55		01/04/99	09/06/13	12/31/11
2098	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
2099	Pentaerythritol tetranitrate	78-11-5	205-215 expl	1.36x10-7	25	1.773 @ 20°C		08/07/98	04/04/16	04/04/16
2100	Pentafluorobenzoic acid	602-94-8	220					07/11/07	10/10/13	12/31/11
2101	Pentafluoropropane, 1,1,1,3,3-	460-73-1	15.3	935	20	1.32		10/11/05	07/09/13	07/09/13
2102	Pentane, n-	109-66-0	36.1	514	25	0.62 @ 20°C	15000	08/07/98	03/10/15	04/21/14
2103	Pentanediol, 1,5-	111-29-5	239	<0.01	20	0.994 @ 20°C		10/11/05	09/06/13	12/31/11
2104	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	139			0.9721		04/14/04	03/10/15	05/30/13
2105	Pentanenitrile; (Valeronitrile)	110-59-8	141.3			0.8008 @ 20°C		12/08/02	06/19/13	02/08/13
2106	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	102			0.801-0.806	15000	01/04/99	09/16/14	11/28/12
2107	Pentanone, 3-; (Diethyl ketone)	96-22-0	101			0.8159 @ 19°C	16000	10/11/05	09/16/14	02/08/13
2108	Pentatriacontane	630-07-9						06/13/02	09/06/13	12/31/11
2109	Pentene, 1-	109-67-1	29.9	635	25	0.6405 @ 20°C	15000	06/13/02	12/14/15	12/14/15
2110	**Peracetic acid**	**79-21-0**	110	14.5	25	1.23 @ 15°C		03/01/00	08/27/15	10/11/05
2111	Perboric acid, sodium salt	7632-04-4						10/11/05	09/09/13	01/16/12
2112	Perchloric acid	7601-90-3	~90 dec			1.77		09/30/97	02/24/16	12/08/11
2113	Perchloric acid, zinc salt, hexahydrate	10025-64-6	200 dec			2.252		10/11/05	09/09/13	12/31/11
2114	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	121.3	7.5	10	1.623 @ 20°C		11/30/92	03/10/15	10/11/05
2115	**Perchloromethyl mercaptan**	**594-42-3**	149	3	20	1.6947 @ 20°C		03/01/00	02/12/15	10/11/05
2116	**Perchloryl fluoride; (Chlorine oxyfluoride)**	**7616-94-6**	-46.8	8943.9	25	1.434 (L)		12/08/02	02/12/15	09/29/10

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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)
2117	Percoll	65455-52-9		mg/m^3				
2118	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	
2119	**Perfluoroisobutylene; (Octafluoro-sec-butene)**	**382-21-8**	200.03	ppm	8.18	C4F8	G	-130
2120	Periodic acid	10450-60-9	227.9404	mg/m^3	9.32	H5.I.O6	L	
2121	Periodic acid, sodium salt	7790-28-5	213.89	mg/m^3	8.74	Na.I.O4	S	300
2122	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3		mg/m^3		[Unspecified]	S amor	
2123	Permafluor E+	z-0039		mg/m^3		Mixture	L	-50
2124	Permafluor-V (85+% toluene)	z-0040	85	ppm	3.47	Mixture	L	
2125	Peroxydicarbonic acid, disodium salt	3313-92-6	168.02	mg/m^3	6.87	C2H2Na2O6		
2126	Petroleum asphalt; (Bitumen)	8052-42-4		mg/m^3		[Unspecified]	S or L	
2127	Petroleum coke, calcined	64743-05-1		mg/m^3		unspecified	S	
2128	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]		
2129	Phenacetin; (p-Acetophenetidide)	62-44-2	179.22	mg/m^3	7.32	C10H13NO2	S	134
2130	Phenaglycodol; (Ultran; 2-p-Chlorophenyl-3-methyl-2,3-butanediol)	79-93-6	214.71	mg/m^3	8.78	C11H15ClO2	S	
2131	Phenanthrene	85-01-8	178.23	mg/m^3	7.28	C14H10	S	99.24
2132	Phenanthroline ferrous sulfate, 1,10-	14634-91-4	692.56	mg/m^3	28.31	C36H24FeN6O4S	S	
2133	Phenanthroline, 1,10-	66-71-7	180.22	mg/m^3	7.37	C12H8N2	S	117
2134	**Phenol**	**108-95-2**	94.11	ppm	3.85	C6H6O	S	40.89

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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
2117	Percoll	65455-52-9						10/11/05	09/09/13	12/31/11
2118	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
2119	**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
2120	Periodic acid	10450-60-9						04/14/04	09/09/13	09/09/13
2121	Periodic acid, sodium salt	7790-28-5	dec			3.865		10/11/05	09/09/13	12/31/11
2122	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3				0.13		07/09/97	02/05/16	02/05/16
2123	Permafluor E+	z-0039	150	5		0.9		01/10/01	09/09/13	11/26/12
2124	Permafluor-V (85+% toluene)	z-0040		22	20	0.86		06/13/02	04/22/15	04/22/15
2125	Peroxydicarbonic acid, disodium salt	3313-92-6						01/04/99	09/09/13	12/31/11
2126	Petroleum asphalt; (Bitumen)	8052-42-4	>700?F	0.018 lb/sq in	210	1.00 - 1.18		09/30/97	01/02/14	01/02/14
2127	Petroleum coke, calcined	64743-05-1						10/11/05	01/02/14	01/02/14
2128	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
2129	Phenacetin; (p-Acetophenetidide)	62-44-2	242-245	6.29x10-7	25			12/30/95	09/09/13	07/24/12
2130	Phenaglycodol; (Ultran; 2-p-Chlorophenyl-3-methyl-2,3-butanediol)	79-93-6						12/30/95	09/09/13	12/31/11
2131	Phenanthrene	85-01-8	340	7.5x10-3	53	0.9800 @ 4°C		09/30/97	02/26/16	02/26/16
2132	Phenanthroline ferrous sulfate, 1,10-	14634-91-4						01/10/01	02/19/14	12/31/11
2133	Phenanthroline, 1,10-	66-71-7	> 300					04/15/07	09/09/13	09/09/13
2134	**Phenol**	**108-95-2**	181.87	0.75	34.1	1.0545 @ 45°C	18000	11/30/92	03/10/15	

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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)
2135	Phenol red, sodium salt	34487-61-1	376.36	mg/m^3	15.38	C19.H13.Na.O5.S	S	285
2136	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4		mg/m^3		(C6.H6.O. .C.H2.O)x	L	
2137	Phenolphthalein	77-09-8	318.34	mg/m^3	13.01	C20H14O4	S	258-262
2138	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	138.18	ppm	5.65	C8.H10.O2	L	14
2139	**Phenyl Chloroformate; (Carbonochloridic acid, phenyl ester)**	**1885-14-9**	156.57	ppm	6.40	C7H5ClO2	L	
2140	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	222.93	mg/m^3	9.11	C6.H5.As.Cl2	L	-15.6
2141	Phenyl ether; (Diphenyl ether)	101-84-8	170.22	ppm	6.96	C12.H10.O	S	37-39
2142	**Phenyl isocyanate**	**103-71-9**	119.13	ppm	4.87	C7.H5.N.O	L	-30
2143	**Phenyl mercaptan; (benzenethiol,thiophenol)**	**108-98-5**	110.18	ppm	4.50	C6H6S	L	-14.8
2144	Phenyl-1,2-propanedione, 1-	579-07-7	148.16	mg/m^3	6.06	C9H8O2	L	<20
2145	Phenyl-2-oxazoline, 2-	7127-19-7	147.17	ppm	6.02	C9.H9.N.O	L	12
2146	Phenyl-2-propanol, 2-; (Dimethylphenylmethanol)	617-94-7	136.21	ppm	5.57	C9H12O	S	35-37
2147	Phenylacetylene; (Ethynylbenzene)	536-74-3	102.14	mg/m^3	4.17	C8.H6	L	-45
2148	Phenylazo)aniline, p-(	60-09-3	197.26	mg/m^3	8.06	C12H11N3	S	126
2149	Phenylboric acid; (Benzeneboronic acid)	98-80-6	121.94	mg/m^3	4.98	C6H7BO2	S	
2150	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	160.28	mg/m^3	6.55	C12.H16	L	8-Jul
2151	Phenylene diisocyanate, 1,4-	104-49-4	160.14	mg/m^3	6.55	C8H4N2O2	S	
2152	Phenylenediamine dihydrochloride, 1,2-	615-28-1	181.06	mg/m^3	7.40	C6H9Cl2N2		
2153	Phenylenediamine dihydrochloride, 1,4-	624-18-0	181.06	mg/m^3	7.40	C6H9Cl2N2	S	
2154	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	108.16	mg/m^3	4.42	C6H8N2	S/L	104
2155	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	108.16	mg/m^3	4.42	C6H8N2	S/L	65

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2135	Phenol red, sodium salt	34487-61-1						07/11/07	10/10/13	10/10/13
2136	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4	>245	<20	20	1.22		10/11/05	09/18/13	09/18/13
2137	Phenolphthalein	77-09-8				1.299		01/10/01	12/16/15	12/16/15
2138	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	242	0.03	25	1.11 @ 20°C		07/11/07	02/06/13	02/06/13
2139	**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
2140	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	254.4	0.021	20	1.654 @ 20°C		12/08/02	02/17/15	11/26/12
2141	Phenyl ether; (Diphenyl ether)	101-84-8	259			1.0728 @ 20°C	7000	04/14/04	09/09/13	12/31/11
2142	**Phenyl isocyanate**	**103-71-9**	158-168	1	10.6	1.0956 @ 19.6°C		07/11/07	08/27/15	08/27/15
2143	**Phenyl mercaptan; (benzenethiol,thiophenol)**	**108-98-5**	169.5	2	25	1.073		06/13/02	02/09/15	08/17/07
2144	Phenyl-1,2-propanedione, 1-	579-07-7	222			1.007 @ 20°C/4°C		03/01/00	09/09/13	12/31/11
2145	Phenyl-2-oxazoline, 2-	7127-19-7	75			1.118		07/11/07	09/09/13	12/09/11
2146	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
2147	Phenylacetylene; (Ethynylbenzene)	536-74-3	142	17.6	37.7	0.94		07/11/07	09/09/13	12/31/11
2148	Phenylazo)aniline, p-(	60-09-3	360					01/10/01	09/09/13	07/24/12
2149	Phenylboric acid; (Benzeneboronic acid)	98-80-6	219					08/07/98	09/09/13	12/31/11
2150	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	240	1	67.5	0.938		10/11/05	09/09/13	12/31/11
2151	Phenylene diisocyanate, 1,4-	104-49-4						06/13/02	09/09/13	12/31/11
2152	Phenylenediamine dihydrochloride, 1,2-	615-28-1	250 dec					06/13/02	09/18/14	07/24/12
2153	Phenylenediamine dihydrochloride, 1,4-	624-18-0						06/13/02	09/18/14	12/31/11
2154	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	257				15000	06/13/02	09/16/14	07/24/12
2155	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	287	1	99.8	1.139		06/13/02	09/16/14	07/24/12

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2156	Phenylenediamine, 1,4-; (p-Phenylenediamine)	106-50-3	108.14	mg/m^3	4.42	C6H8N2	S	141.1
2157	Phenylhydrazine	100-63-0	108.16	ppm	4.42	C6H8N2	L	19.6
2158	Phenylhydrazine hydrochloride	59-88-1	144.62	mg/m^3	5.91	C6H8N2.ClH	S/L	250-254
2159	Phenylmagnesium bromide	100-58-3	181.31	mg/m^3	7.41	C6.H5.Mg.Br	S	
2160	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4	336.74	mg/m^3	13.76	C8H8HgO2	S	153
2161	Phenylphenol, 2-: (Biphenylol)	90-43-7	170.21	mg/m^3	6.96	C12H10O	S	57.5
2162	Phenylphosphine	638-21-1	110.1	ppm	4.50	C6-H7-P	L	
2163	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6	187.69	mg/m^3	7.67	C9.H13.N.O.Cl.H	S	194
2164	Phenylsilatrane	2097-19-0	251.39	mg/m^3	10.27	C12H17NO3Si	S	208-209
2165	Phenylthiourea; (1-Phenyl-2-thiourea)	103-85-5	152.22	mg/m^3	6.22	C7H8N2S	S	154
2166	Phenyltriethoxysilane	780-69-8	240.41	mg/m^3	9.83	C12.H20.O3.Si	L	
2167	Phenyltrimethoxysilane	2996-92-1	198.32	mg/m^3	8.11	C9.H24.O3.Si	L	
2168	Phenylxylylethane; (PXE)	6196-95-8	210.32	mg/m^3	8.60	C16H18	L	
2169	Phloroglucinol dihydrate	6099-90-7	162.16	mg/m^3	6.63	C6.H6.O3.2(H2.O)	S	217
2170	**Phorate**	**298-02-2**	260.39	mg/m^3	10.64	C7H17O2PS3	L	-42.9
2171	Phosacetim	4104-14-7	375.22	mg/m^3	15.34	C14H13Cl2N2O2PS	S	104-106
2172	Phosfolan	947-02-4	255.31	mg/m^3	10.43	C7H14NO3PS2	S	39.5
2173	**Phosgene**	**75-44-5**	98.92	ppm	4.04	CCl2O	G	-127.78
2174	**Phosgene oxime**	**1794-86-1**	113.9	mg/m^3	4.66	CHCl2NOH	S	
2175	Phosmet	732-11-6	317.33	mg/m^3	12.97	C11H12NO4PS2	S	71.9
2176	Phosphamidon; (Famfos)	13171-21-6	299.72	mg/m^3	12.25	C10H19ClNO5P	L	-45
2177	**Phosphine**	**7803-51-2**	34	ppm	1.39	H3P	G	-133.8

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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
2156	Phenylenediamine, 1,4-; (p-Phenylenediamine)	106-50-3	267	<1	21	>1 no temp		09/30/97	03/10/15	07/24/12
2157	Phenylhydrazine	100-63-0	243.5	0.026	25	1.0978 @ 20°C		06/13/02	10/23/13	02/16/12
2158	Phenylhydrazine hydrochloride	59-88-1	decom					06/13/02	01/25/13	11/26/12
2159	Phenylmagnesium bromide	100-58-3						04/15/07	10/10/13	12/31/11
2160	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4		6.0x10-6	20			09/30/97	05/12/14	12/31/11
2161	Phenylphenol, 2-: (Biphenylol)	90-43-7	286	2.0x10-3	25	1.213		09/30/97	03/01/16	03/01/16
2162	Phenylphosphine	638-21-1	160-161			1.001 @ 16°C		12/08/02	09/09/13	12/31/11
2163	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6						04/15/07	09/09/13	01/22/12
2164	Phenylsilatrane	2097-19-0	350	0.00001	25			12/08/02	11/26/12	11/26/12
2165	Phenylthiourea; (1-Phenyl-2-thiourea)	103-85-5				1.3		12/30/95	11/26/12	11/26/12
2166	Phenyltriethoxysilane	780-69-8	232-233			1.00 @ 20°C		10/11/05	09/09/13	12/31/11
2167	Phenyltrimethoxysilane	2996-92-1	110 @ 20 mm			1.062		04/15/07	09/09/13	12/31/11
2168	Phenylxylylethane; (PXE)	6196-95-8				0.983		08/07/98	09/09/13	12/31/11
2169	Phloroglucinol dihydrate	6099-90-7						04/15/07	09/09/13	12/31/11
2170	**Phorate**	**298-02-2**	290	0.00084	25	1.16		12/08/02	02/13/15	08/09/12
2171	Phosacetim	4104-14-7	400	0.0001	25			12/08/02	11/26/12	11/26/12
2172	Phosfolan	947-02-4	410	0.0001	25			12/08/02	11/26/12	11/26/12
2173	**Phosgene**	**75-44-5**	8	750	7.2	1.3719		11/30/92	02/17/15	11/18/14
2174	**Phosgene oxime**	**1794-86-1**	53-54ºC	11.2	25			09/29/10	02/17/15	
2175	Phosmet	732-11-6	dec	0.00054	25	1.03 @ 20°C		04/15/07	10/03/13	10/03/13
2176	Phosphamidon; (Famfos)	13171-21-6	350	0.000025	25	1.21		07/16/07	10/08/13	10/08/13
2177	**Phosphine**	**7803-51-2**	-87.75	750	-88	1.39	16000	11/30/92	03/10/15	04/20/07

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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)
2178	Phosphomolybdic acid	11104-88-4	159.92	mg/m^3	6.54	H-O.Mo.O.P	S	
2179	Phosphonic acid	13598-36-2	82	mg/m^3	3.35	H3.O3.P	S hygr	73.8
2180	Phosphonic acid, dioctadecyl ester	19047-85-9	585.96	mg/m^3	23.95	C36-H75-O3P	S	
2181	Phosphonic acid, methyl-, mono(1-methylethyl) ester; (Isopropyl methylphosphonic acid)	1832-54-8	138.1	mg/m^3	5.64	C4.H11.O3.P	L	
2182	Phosphonic acid, tridodecyl ester	3076-63-9	587.08	mg/m^3	23.99	C36-H75-O3-P	S	
2183	Phosphonoacetic acid	4408-78-0	140.04	mg/m^3	5.72	C2.H5.O5.P	L	
2184	**Phosphoric acid**	**7664-38-2**	98	mg/m^3	4.01	H3O4P	L	42.4
2185	Phosphoric acid, dimethyl-p-(methylthio)phenyl ester	3254-63-5	248.25	mg/m^3	10.15	C9H13O4PS	L	
2186	Phosphorodifluoridic acid, ethyl ester; (Ethyl phosphorodifluoridate)	460-52-6	130.04	mg/m^3	5.31	C2.H5.F2.O2.P	L	
2187	Phosphorodifluoridic acid, methyl ester	22382-13-4	116	mg/m^3	4.74	C.H3.F2.O2.P	L	
2188	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1	82	mg/m^3	3.35	H3.O3.P	S	
2189	Phosphorous pentafluoride	7647-19-0	125.97	ppm	5.15	F5P	G	-83
2190	Phosphorous trifluoride	7783-55-3	87.97	ppm	3.60	F3P	G	-152
2191	Phosphorus (red, violet, and black)	7723-14-0	30.97	mg/m^3	1.27	P	S	44.15
2192	Phosphorus (yellow); (White phosphorus)	12185-10-3	123.88	mg/m^3	5.06	P4	Y	44.1
2193	**Phosphorus oxychloride**	**10025-87-3**	153.32	ppm	6.27	Cl3OP	L	1.2
2194	Phosphorus pentachloride	10026-13-8	208.22	mg/m^3	8.51	Cl5P	S	167 triple pt
2195	Phosphorus pentasulfide	1314-80-3	222.24	mg/m^3	9.08	P2S5	Sdel	286-290
2196	**Phosphorus pentoxide**	**1314-56-3**	141.95	mg/m^3	5.80	O5P2	S	562
2197	**Phosphorus trichloride**	**7719-12-2**	137.32	ppm	5.61	Cl3P	L	-93
2198	Phosphorus trioxide	1314-24-5	110	mg/m^3	4.50	P2.O3	S	23.8
2199	Phthalic acid	88-99-3	166.14	mg/m^3	6.79	C8H6O4	S	207 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
2178	Phosphomolybdic acid	11104-88-4				3.2		04/15/07	04/11/14	12/31/11
2179	Phosphonic acid	13598-36-2						12/30/95	09/09/13	12/08/11
2180	Phosphonic acid, dioctadecyl ester	19047-85-9						12/08/02	01/09/14	01/09/14
2181	Phosphonic acid, methyl-, mono(1-methylethyl) ester; (Isopropyl methylphosphonic acid)	1832-54-8						08/05/10	09/09/13	12/31/11
2182	Phosphonic acid, tridodecyl ester	3076-63-9						12/08/02	01/09/14	12/31/11
2183	Phosphonoacetic acid	4408-78-0						08/03/10	09/09/13	11/26/12
2184	**Phosphoric acid**	**7664-38-2**	407	0.0285	20	1.834 @ 18°C		11/30/92	07/24/12	10/31/11
2185	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
2186	Phosphorodifluoridic acid, ethyl ester; (Ethyl phosphorodifluoridate)	460-52-6						05/25/12	09/09/13	
2187	Phosphorodifluoridic acid, methyl ester	22382-13-4						05/25/12	09/09/13	
2188	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1						07/11/07	09/09/13	12/09/11
2189	Phosphorous pentafluoride	7647-19-0	-75					12/08/02	09/09/13	12/31/11
2190	Phosphorous trifluoride	7783-55-3	-102					12/08/02	09/09/13	12/31/11
2191	Phosphorus (red, violet, and black)	7723-14-0	280.5	7.5x10-2	34	1.823		07/09/97	02/05/16	08/06/12
2192	Phosphorus (yellow); (White phosphorus)	12185-10-3	280	0.03		1.82		09/30/97	07/09/13	06/20/13
2193	**Phosphorus oxychloride**	**10025-87-3**	105.1	40	27.3	1.685 @ 15.5°C		03/01/00	02/12/15	09/09/13
2194	Phosphorus pentachloride	10026-13-8	160 subl	0.012	20	2.1		08/07/98	09/09/13	12/31/11
2195	Phosphorus pentasulfide	1314-80-3	514			2.09		03/01/00	10/24/13	12/31/11
2196	**Phosphorus pentoxide**	**1314-56-3**	605	7.5x10-3	285	2.3		11/30/92	05/15/15	04/01/01
2197	**Phosphorus trichloride**	**7719-12-2**	76	120	25	1.574		01/04/99	02/12/15	10/11/05
2198	Phosphorus trioxide	1314-24-5	173.1			2.135 @ 21°C		12/08/02	11/14/13	11/14/13
2199	Phthalic acid	88-99-3	dec	6.36x10-7	25	2.18 @ 191°C		01/04/99	10/18/13	10/07/13

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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)
2200	Phthalic acid, benzyl butyl ester; (Benzyl butyl phthalate)	85-68-7	312.39	mg/m^3	12.77	C19H20O4	L	-35
2201	Phthalic anhydride	85-44-9	148.12	mg/m^3	6.05	C8H4O3	S	130.8
2202	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	203.02	ppm	8.30	C8.H4.Cl2.O2	L	15.5
2203	Phyllomedusin	26145-48-2	1171.3792	mg/m^3	47.88	C52.H82.N16.O13.S		
2204	Physostigmine	57-47-6	275.39	mg/m^3	11.26	C15H21N3	S	86-87
2205	Physostigmine salicylate (1:1)	57-64-7	413.52	mg/m^3	16.90	C15H21N3O2.C7H6O3	S	184-186
2206	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	123.12	mg/m^3	5.03	C6.H5.N.O2	S	136.5
2207	Picric acid	88-89-1	229.1	mg/m^3	9.36	C6H3N3O7	S	122.5
2208	Picrotoxin; (Cocculin; PTX)	124-87-8	602.64	mg/m^3	24.63	C15H18O7.C15H16O6	S	203-204
2209	Pigment green 36	14302-13-7	1393.9	mg/m^3	56.97	Br6C32Cl10CuN8	S	
2210	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	
2211	Pigment yellow 14	5468-75-7	657.6	mg/m^3	26.88	C34H30Cl2N6O4	S	
2212	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	100.18	ppm	4.09	C.H3.CO.C(C.H3)3	L	-52.5
2213	Pinacolyl alcohol; (tert-Butyl methyl carbinol)	464-07-3	102.2	ppm	4.18	C6.H14.O	L	5.6
2214	Piperazine	110-85-0	86.16	ppm	3.52	C4H10N2	S	106
2215	**Piperidine**	**110-89-4**	85.17	ppm	3.48	C5H11N	L	-9
2216	Piperonyl butoxide	51-03-6	338.44	mg/m^3	13.83	C19.H30.O5	L	
2217	Pirimifos-ethyl	23505-41-1	333.43	mg/m^3	13.63	C13H24N3O3PS	L	15-18
2218	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	186.2504	mg/m^3	7.61	C10.H18.O3	L	
2219	Platinum	7440-06-4	195.09	mg/m^3	7.97	Pt	S	1768.2
2220	Platinum cyanide	592-06-3	247.1	mg/m^3	10.10	Pt.C2.N2	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
2200	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
2201	Phthalic anhydride	85-44-9	295	7.5x10-3	48.2	1.527 @ 4°C		12/30/95	03/10/15	12/23/11
2202	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	281.1	30	47	1.409		07/11/07	11/14/13	11/14/13
2203	Phyllomedusin	26145-48-2						01/15/09	09/09/13	12/31/11
2204	Physostigmine	57-47-6		0.00001	25			12/08/02	09/09/13	09/09/13
2205	Physostigmine salicylate (1:1)	57-64-7	dec	0.00001	25			12/08/02	09/09/13	09/09/13
2206	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	subl					10/11/05	06/24/13	06/24/13
2207	Picric acid	88-89-1	>300 expl	7.5x10-7	25	1.763 no temp		09/30/97	02/26/16	12/31/11
2208	Picrotoxin; (Cocculin; PTX)	124-87-8		0.00001	25			12/08/02	01/09/15	01/09/15
2209	Pigment green 36	14302-13-7						03/01/00	09/10/13	12/31/11
2210	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
2211	Pigment yellow 14	5468-75-7						03/01/00	09/10/13	12/31/11
2212	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
2213	Pinacolyl alcohol; (tert-Butyl methyl carbinol)	464-07-3	120.4			0.8122		04/14/04	03/10/15	06/24/13
2214	Piperazine	110-85-0	146	0.16	20	1.45 @ 113°C	40000	01/04/99	03/10/15	04/14/10
2215	**Piperidine**	**110-89-4**	106	40	29.2	0.8622		03/01/00	03/10/15	
2216	Piperonyl butoxide	51-03-6	180 @ 1 mm			1.06 @ 20°C		02/19/08	09/10/13	12/31/11
2217	Pirimifos-ethyl	23505-41-1	130 dec	0.00029	25	1.14 @ 20°C		12/08/02	09/10/13	12/31/11
2218	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	193			0.918		10/11/05	09/10/13	12/31/11
2219	Platinum	7440-06-4	3825			21.45		08/07/98	05/22/14	12/31/11
2220	Platinum cyanide	592-06-3						07/02/08	05/22/14	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)
2221	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO; Hydrogenated trimer and tetramer of decene)	68649-12-7		mg/m^3		[Unspecified]	L	
2222	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8		mg/m^3		(Mixture)	L	17
2223	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8		mg/m^3		(C6.H9.O.N.)n	S pwdr	165
2224	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6		mg/m^3		C11.H21.Cl.N2.O	S	
2225	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	1300	mg/m^3	53.13	C7.H20.O5.Si	S	
2226	Poly(dimethylsiloxane), hydride terminated	70900-21-9		mg/m^3			S	
2227	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2		mg/m^3			L	
2228	Poly(divinylbenzene); (Diethenylbenzene homopolymer)	9003-69-4		mg/m^3		(C10.H10)x	S	
2229	Poly(ethylene glycol methyl ether)	9004-74-4	350	mg/m^3	14.30	(C2.H4.O)n.C.H4.O	S	
2230	Poly(ethylene glycol)diacrylate	26570-48-9		mg/m^3		(C2.H4.O)n.C6.H6.O3	S	
2231	Poly(melamine-co-formaldehyde), methylated	68002-20-0	511	mg/m^3	20.89	(C4.H8.N6.O)n	S	
2232	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	
2233	Poly(oxyethylene)(2) stearyl ether	9005-00-9		mg/m^3		(C2.H4.O)n.C18.H38.O	S	40-45
2234	Poly(styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9	312.4	mg/m^3	12.77	C24.H24	S	
2235	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	
2236	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4		mg/m^3		(C6H11NO)n	S	223
2237	Polybutyl acrylate	9003-49-0		mg/m^3		(C7.H12.O2)n	S	
2238	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2		mg/m^3		[Unspecified]	L	
2239	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042		mg/m^3		[Unspecified]	L	
2240	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	192	mg/m^3	7.85	21% Cl	L	1
2241	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5		mg/m^3		32% Cl	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
2221	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
2222	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
2223	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8				1.23 - 1.29		04/14/04	09/10/13	12/31/11
2224	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6				1.02		04/15/07	09/10/13	12/31/11
2225	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	150			1.04		04/15/07	10/10/13	10/10/13
2226	Poly(dimethylsiloxane), hydride terminated	70900-21-9						07/11/07	09/10/13	12/31/11
2227	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2						07/11/07	09/10/13	12/31/11
2228	Poly(divinylbenzene); (Diethenylbenzene homopolymer)	9003-69-4						10/11/05	10/10/13	10/10/13
2229	Poly(ethylene glycol methyl ether)	9004-74-4						07/11/07	09/10/13	12/31/11
2230	Poly(ethylene glycol)diacrylate	26570-48-9				1.11		07/11/07	10/11/13	12/31/11
2231	Poly(melamine-co-formaldehyde), methylated	68002-20-0				1.2		04/15/07	09/10/13	12/31/11
2232	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
2233	Poly(oxyethylene)(2) stearyl ether	9005-00-9						04/15/07	09/10/13	12/31/11
2234	Poly(styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9						07/11/07	09/10/13	12/31/11
2235	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
2236	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4				1.14 @ 20°C		09/30/97	02/26/16	02/26/16
2237	Polybutyl acrylate	9003-49-0						04/14/04	09/10/13	12/31/11
2238	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
2239	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
2240	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
2241	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

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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)
2242	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	261	mg/m^3	10.67	[Unspecified]	L	-18.89
2243	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	288	mg/m^3	11.77	[Unspecified]	L	
2244	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	327	mg/m^3	13.36	[Unspecified]	L	
2245	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5		mg/m^3		[Unspecified]	S	
2246	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl))	z-0043		mg/m^3		[Unspecified]	S	
2247	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5		mg/m^3		[Unspecified]	S	
2248	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4		mg/m^3		[Unspecified]	S	
2249	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	291.98 - 360.86	mg/m^3		[Unspecified]	L or S	340-375
2250	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6		mg/m^3		(C2.H6.O.Si)x	L	
2251	Polyether polyol ester	z-0112	3000	mg/m^3	122.61		L	
2252	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	190	ppm	7.77	C14.H14	L	-40
2253	Polyethylene	9002-88-4	1500 - 100000	mg/m^3		(C2H4)n	S	240
2254	Polyethylene glycol	25322-68-3		mg/m^3		(C2H6O2)n	L or S	8-Apr
2255	Polyethylene glycol 20M	37225-26-6		mg/m^3		(C2H6O2)n	L	
2256	Polyethylene glycol dimethacrylate	25852-47-5		mg/m^3		(C2.H4.O)n.C8.H10.O3	S	
2257	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
2258	Polyisocyanate prepolymer	z-0115		mg/m^3			S	
2259	Polymaleic acid; (2-Butenedioic acid (2Z)-, homopolymer)	26099-09-2		mg/m^3		(C4.H4.O4)x	S	
2260	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9		mg/m^3			L	
2261	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2	254.5898	mg/m^3	10.41	C9.H30.O2.Si3		
2262	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0		mg/m^3		(C3H6O)n C6H16N2O		

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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
2242	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
2243	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
2244	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
2245	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
2246	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
2247	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
2248	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4	340-375					01/04/99	09/12/13	12/31/11
2249	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	340-375	varies		1.44 @ 30°C		07/09/97	10/25/13	10/25/13
2250	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6	>149			0.834		04/14/04	09/12/13	07/25/12
2251	Polyether polyol ester	z-0112						07/11/07	09/12/13	12/31/11
2252	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	267	0.0149	25	0.97 @ 20°C		07/11/07	05/21/15	05/21/15
2253	Polyethylene	9002-88-4		negligible	25	0.915 - 0.95 no temp		09/30/97	03/14/16	03/14/16
2254	Polyethylene glycol	25322-68-3				1.110-1.140		01/04/99	09/18/14	09/18/14
2255	Polyethylene glycol 20M	37225-26-6						04/14/04	09/18/14	09/18/14
2256	Polyethylene glycol dimethacrylate	25852-47-5						07/11/07	09/18/14	12/31/11
2257	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
2258	Polyisocyanate prepolymer	z-0115						09/05/08	10/23/13	09/13/13
2259	Polymaleic acid; (2-Butenedioic acid (2Z)-, homopolymer)	26099-09-2						07/11/07	09/12/13	12/31/11
2260	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
2261	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2						07/11/07	09/13/13	12/31/11
2262	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0						07/09/97	02/05/16	02/05/16

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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)
2263	Polyoxyethylene monooctylphenyl ether	9036-19-5		mg/m^3		(C2H4O)n.C14H22O		
2264	Polyphosphoric acid	8017-16-1		mg/m^3		Hx+2-Px-O3x+1. x>1	L	21
2265	Polypropylene	9003-07-0		mg/m^3		(C3.H6)n	S	165
2266	Polypropylene glycol, (chloromethyl) oxirane polymer	9072-62-2		mg/m^3		((C3.H6.O)nH2.O.C3.H5.Cl.O)x	S	
2267	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	
2268	Polypropylene glycols	25322-69-4	76.11	mg/m^3	3.11	(C3H6O)n. H2O	L	
2269	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6		mg/m^3		(C5H10O2)x		
2270	Polysorbate 85; (Tween 85)	9005-70-3		mg/m^3			L	-28.9
2271	Polystyrene resin; (Styrene polymer)	9003-53-6		mg/m^3		(C8H8)n	S	
2272	Polysulfone resin	25135-51-7		mg/m^3			S	
2273	Polytetrafluoroethylene; (Teflon)	9002-84-0		mg/m^3		(C2.F4)n	S	342
2274	Polyurethane foam; (Urethane polymers)	9009-54-5		mg/m^3		[Unspecified]	S	
2275	Polyurethane prepolymer of MDI and PEP	68092-58-0		mg/m^3		(C15H10.N2.O2.C9.H20O4C6H14O3)n	L	
2276	Polyvinyl alcohol	9002-89-5		mg/m^3		(C2.H4.O)x	S	>200
2277	Polyvinyl chloride	9002-86-2	60000 - 150000	mg/m^3		(C2H3Cl)x	S	
2278	Potassium	7440-09-7	39.1	mg/m^3	1.60	K	S	63.5
2279	Potassium acetate	127-08-2	98.15	mg/m^3	4.01	C2H3KO2	S	309
2280	Potassium acid fluoride	7789-29-9	78.11	mg/m^3	3.19	F2.H.K	S deliq	238.8 dec
2281	Potassium aluminate	12003-63-3	98.07	mg/m^3	4.01	K-Al-O2	S	
2282	Potassium aluminosilicate	1327-44-2	158.16	mg/m^3	6.46	KAlSiO4	S	
2283	Potassium antimonate; (Antimony potassium oxide)	29638-69-5	511.89	mg/m^3	20.92	Sb2-K4-O7	S	
2284	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8	262.89	mg/m^3	10.74	K-Sb-(OH)6		

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2263	Polyoxyethylene monooctylphenyl ether	9036-19-5						01/04/99	09/13/13	12/31/11
2264	Polyphosphoric acid	8017-16-1	300 - 500			2.06		04/14/04	09/16/13	09/16/13
2265	Polypropylene	9003-07-0				0.90 - 0.92		04/15/07	09/13/13	12/31/11
2266	Polypropylene glycol, (chloromethyl) oxirane polymer	9072-62-2				1.02		07/11/07	05/08/15	05/08/15
2267	Polypropylene glycol, polytetramethylene glycol, 1,3-diisocyanatomethylbenzene polymer	65636-36-4						08/17/07	09/13/13	12/31/11
2268	Polypropylene glycols	25322-69-4				1.002		01/04/99	09/13/13	12/31/11
2269	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6						01/04/99	09/13/13	12/31/11
2270	Polysorbate 85; (Tween 85)	9005-70-3	200			1.028		07/11/07	10/10/13	10/10/13
2271	Polystyrene resin; (Styrene polymer)	9003-53-6						09/30/97	02/26/16	02/26/16
2272	Polysulfone resin	25135-51-7						10/11/05	09/13/13	12/31/11
2273	Polytetrafluoroethylene; (Teflon)	9002-84-0				2.1-2.3		10/11/05	09/13/13	07/25/12
2274	Polyurethane foam; (Urethane polymers)	9009-54-5						09/30/97	09/13/13	07/25/12
2275	Polyurethane prepolymer of MDI and PEP	68092-58-0						07/11/07	09/13/13	12/31/11
2276	Polyvinyl alcohol	9002-89-5	~340			1.329		04/14/04	09/13/13	07/25/12
2277	Polyvinyl chloride	9002-86-2				1.406		07/09/97	02/05/16	12/31/11
2278	Potassium	7440-09-7	759	7.5x10-3	200.2	0.89		09/30/97	02/26/16	12/31/11
2279	Potassium acetate	127-08-2				1.57		01/04/99	09/13/13	12/31/11
2280	Potassium acid fluoride	7789-29-9						10/11/05	09/13/13	12/31/11
2281	Potassium aluminate	12003-63-3						12/08/02	02/27/14	09/13/13
2282	Potassium aluminosilicate	1327-44-2						12/08/02	02/27/14	11/25/13
2283	Potassium antimonate; (Antimony potassium oxide)	29638-69-5						12/08/02	07/11/14	12/31/11
2284	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8						12/08/02	07/11/14	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)
2285	Potassium antimonite	z-0045	228.88	mg/m^3	9.35	K.Sb.(O.H)4		
2286	Potassium argentate	z-0046	180.97	mg/m^3	7.40	K-Ag(OH)2	S	
2287	Potassium arsenate; (Monopotassium arsenate)	7784-41-0	180.04	mg/m^3	7.36	As.H2O4.K	S	288
2288	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2	146.02	mg/m^3	5.97	K.As.O2	S	
2289	Potassium beryllium oxide	z-0047	144.2	mg/m^3	5.89	Be2-K2-O3	S	
2290	Potassium bicarbonate	298-14-6	100.106	mg/m^3	4.09	KHCO3	S	~100 dec
2291	Potassium bi-iodate	13455-24-8	389.9033	mg/m^3	15.94	H.I2.K.O6	S	
2292	Potassium bismuthate	12589-75-2	316.1	mg/m^3	12.92	KBi(OH)4	S	
2293	Potassium bisulfate	7646-93-7	136.17	mg/m^3	5.57	HKO4S	S	~200
2294	Potassium bromate	7758-01-2	167.01	mg/m^3	6.83	BrKO3	S	350
2295	Potassium bromide	7758-02-3	119.01	mg/m^3	4.86	BrK	S	734
2296	Potassium cadminate	z-0048	258.62	mg/m^3	10.57	2K.Cd-(OH)4	S	
2297	Potassium carbonate	584-08-7	138.21	mg/m^3	5.65	CK2O3	S	899
2298	Potassium chlorate	3811-04-9	122.55	mg/m^3	5.01	ClKO3	S	357
2299	Potassium chromate(VI)	7789-00-6	194.19	mg/m^3	7.94	CrK2O4	S	974
2300	Potassium citrate	866-84-2	306.41	mg/m^3	12.52	C6H5K3O7	S	275 dec
2301	Potassium citrate, monohydrate	6100-05-6	324.3865	mg/m^3	13.26	C6.H7.K3.O8	S	
2302	Potassium columbate; (Potassium niobate)	12030-85-2	1174.26	mg/m^3	47.99	K8Nb6O19	S	~1100
2303	**Potassium cyanide**	**151-50-8**	65.12	mg/m^3	2.66	CNK	S	634
2304	Potassium dichromate	7778-50-9	294.19	mg/m^3	12.02	Cr2K2O7	S	398
2305	Potassium dideuterium phosphate	13761-79-0	139.11	mg/m^3	5.69	D2-H-O4.P.K		
2306	Potassium ferricyanide	13746-66-2	329.27	mg/m^3	13.46	C6FeK3N6	S	70 loses water

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2285	Potassium antimonite	z-0045						01/02/08	07/11/14	12/31/11
2286	Potassium argentate	z-0046						12/08/02	03/28/14	12/31/11
2287	Potassium arsenate; (Monopotassium arsenate)	7784-41-0				2.287		06/13/02	01/27/14	01/27/14
2288	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2						12/08/02	01/27/14	01/27/14
2289	Potassium beryllium oxide	z-0047						01/10/01	02/04/14	01/17/12
2290	Potassium bicarbonate	298-14-6				2.17		12/08/02	12/12/13	12/12/13
2291	Potassium bi-iodate	13455-24-8						10/11/05	09/13/13	12/31/11
2292	Potassium bismuthate	12589-75-2						12/08/02	12/12/13	12/12/13
2293	Potassium bisulfate	7646-93-7				2.24		08/07/98	09/13/13	12/31/11
2294	Potassium bromate	7758-01-2				3.27		08/07/98	09/13/13	11/26/12
2295	Potassium bromide	7758-02-3	1435	1	795	2.75		08/07/98	09/13/13	12/31/11
2296	Potassium cadminate	z-0048						12/08/02	02/03/14	02/03/14
2297	Potassium carbonate	584-08-7	dec			2.29		07/09/97	02/05/16	02/05/16
2298	Potassium chlorate	3811-04-9	400 dec			2.29		08/07/98	09/13/13	07/26/12
2299	Potassium chromate(VI)	7789-00-6		0	no temp	2.73		07/09/97	10/30/14	10/30/14
2300	Potassium citrate	866-84-2				1.98		08/21/96	09/13/13	12/31/11
2301	Potassium citrate, monohydrate	6100-05-6						10/11/05	09/13/13	12/31/11
2302	Potassium columbate; (Potassium niobate)	12030-85-2				4.64		08/07/98	09/13/13	12/31/11
2303	**Potassium cyanide**	**151-50-8**				1.55 @ 20°C		12/30/95	02/13/15	09/28/10
2304	Potassium dichromate	7778-50-9	~ 500 dec			2.68		07/09/97	10/30/14	10/30/14
2305	Potassium dideuterium phosphate	13761-79-0						04/14/04	04/23/15	04/23/15
2306	Potassium ferricyanide	13746-66-2	dec			1.85		08/07/98	02/19/14	02/19/14

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2307	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3	368.37	mg/m^3	15.06	4 K.Fe (CN)6	S	
2308	Potassium fluoride	7789-23-3	58.1	mg/m^3	2.37	FK	S	858
2309	Potassium fluoride dihydrate	13455-21-5	94.14	mg/m^3	3.85	F.H4.K.O2	S	41
2310	Potassium formate	590-29-4	84.12	mg/m^3	3.44	K.CHO2	S	168
2311	Potassium glycolate	1932-50-9	114.13	ppm	4.66	C2-H4-O3.K	S	
2312	Potassium gold cyanide	554-07-4	288.1	mg/m^3	11.78	Au.K.C2.N2	S	
2313	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
2314	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2	220.29	mg/m^3	9.00	F6.Si.2K	S	dec
2315	Potassium hydride	7693-26-7	40.11	mg/m^3	1.64	H.K	S	
2316	Potassium hydrogen lead oxide	z-0049	279.3	mg/m^3	11.42	KHPbO2	S	
2317	Potassium hydrogen metasilicate	z-0051	116.181	mg/m^3	4.75	K.H.Si.O3	S	
2318	Potassium hydrogen pyrophosphate	z-0050	291.21	mg/m^3	11.90	K3HP2O7	S	
2319	Potassium hydroxide	1310-58-3	56.11	mg/m^3	2.29	HKO	S	406
2320	Potassium iminodiacetate; (Potassium IDA)	z-0052	209	ppm	8.54	C4.H5.N.O4.2K		
2321	Potassium iodate	7758-05-6	214	mg/m^3	8.75	IKO3	S	560
2322	Potassium iodide	7681-11-0	166	mg/m^3	6.78	IK	S	681
2323	Potassium lanthanate	z-0053	246.02	mg/m^3	10.06	K.La.(O.H)4	S	
2324	Potassium metaarsenite; (Potassium arsenite)	10124-50-2	399.65	mg/m^3	16.33	As.(OH)3.xK	S hygrs	
2325	Potassium metaborate	13709-94-9	82.92	mg/m^3	3.39	K.B.H.O2	S	
2326	Potassium molybdate; (Molybdic acid, dipotassium salt)	13446-49-6	238.14	mg/m^3	9.73	K2MoO4	S	919
2327	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7	168.8888	mg/m^3	6.90	K2.Ni.O2	L	
2328	Potassium nickelate	z-0055	204.9	mg/m^3	8.37	K2.Ni.(O.H)4	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
2307	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3						04/14/04	05/13/14	09/13/13
2308	Potassium fluoride	7789-23-3	1502	0.75	869	2.48		09/30/97	09/13/13	11/26/12
2309	Potassium fluoride dihydrate	13455-21-5	156			2.454		07/11/07	09/13/13	12/31/11
2310	Potassium formate	590-29-4	dec			1.91		12/08/02	09/13/13	12/31/11
2311	Potassium glycolate	1932-50-9						12/08/02	03/10/15	12/12/13
2312	Potassium gold cyanide	554-07-4						07/11/07	05/15/14	05/15/14
2313	Potassium hexacyanoferrate(II) trihydrate; (Potassium ferricyanide trihydrate)	14459-95-1				1.85		04/14/04	05/15/14	11/26/12
2314	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2				2.27		10/11/05	09/13/13	12/31/11
2315	Potassium hydride	7693-26-7				1.43		07/11/07	10/10/13	12/31/11
2316	Potassium hydrogen lead oxide	z-0049						06/13/02	05/22/14	12/12/13
2317	Potassium hydrogen metasilicate	z-0051						12/08/02	09/13/13	12/31/11
2318	Potassium hydrogen pyrophosphate	z-0050						06/13/02	12/12/13	12/12/13
2319	Potassium hydroxide	1310-58-3	1327	7.5x10-3	520	2.044		12/30/95	09/13/13	12/31/11
2320	Potassium iminodiacetate; (Potassium IDA)	z-0052						12/08/02	12/12/13	12/12/13
2321	Potassium iodate	7758-05-6				3.89		01/10/01	11/26/12	11/26/12
2322	Potassium iodide	7681-11-0	1323	1	745	3.13		08/07/98	09/13/13	09/13/13
2323	Potassium lanthanate	z-0053						12/08/02	12/12/13	12/12/13
2324	Potassium metaarsenite; (Potassium arsenite)	10124-50-2						06/13/02	09/13/13	12/31/11
2325	Potassium metaborate	13709-94-9						12/08/02	02/04/14	02/04/14
2326	Potassium molybdate; (Molybdic acid, dipotassium salt)	13446-49-6				2.3		01/10/01	04/11/14	12/31/11
2327	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7						12/08/02	06/05/14	12/31/11
2328	Potassium nickelate	z-0055						12/08/02	06/05/14	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)
2329	Potassium nitrate	7757-79-1	101.1	mg/m^3	4.13	KNO3	S	334
2330	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1	305.43	mg/m^3	12.48	C6.H6.N.O6.3K		
2331	Potassium nitrite	7758-09-0	85.11	mg/m^3	3.48	KNO2	S	440
2332	Potassium orthovanadate	14293-78-8	232	mg/m^3	9.48	K3.V.O4		
2333	Potassium oxalate	583-52-8	168.24	mg/m^3	6.88	C2.H2.O4.2K	S	
2334	Potassium oxalate monohydrate	6487-48-5	184.231	mg/m^3	7.53	K2.C2.O4.H2O	S	160
2335	Potassium oxide	12136-45-7	94.18	mg/m^3	3.85	K2.O	S	
2336	Potassium perchlorate	7778-74-7	138.55	mg/m^3	5.66	K.Cl.O4	S	400 dec
2337	Potassium periodate	7790-21-8	230.01	mg/m^3	9.40	I.K.O4	S	582
2338	Potassium permanganate	7722-64-7	158.03	mg/m^3	6.46	KMnO4	S	dec
2339	Potassium peroxymonosulfate; (Peroxymonosulfuric acid, monopotassium salt)	10058-23-8	152.17	mg/m^3	6.22	H2.O5.S.K	S	
2340	Potassium persulfate; (Dipotassium persulfate)	7727-21-1	272.34	mg/m^3	11.13	H2K2O8S2	S	100 dec
2341	Potassium phosphate, dibasic	7758-11-4	174.18	mg/m^3	7.12	HK2O4P	S	
2342	Potassium phosphate, dibasic trihydrate	16788-57-1	228.23	mg/m^3	9.33	K2.H.P.O4.3 H2O	S	
2343	Potassium phosphate, monobasic	7778-77-0	136.09	mg/m^3	5.56	H2KO4P	S	253
2344	Potassium phosphate, tribasic	7778-53-2	212.27	mg/m^3	8.68	K3O4P	S	
2345	**Potassium phosphide**	**20770-41-6**	148.24	ppm	6.06	K3.P	S	
2346	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	330.24	mg/m^3	13.50	K4O7P2	S	180
2347	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7	256.32	mg/m^3	10.48	H2-O7-S2.2K	S	
2348	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8	22.32	mg/m^3	0.91	O5.S2.K2	S	150 decom
2349	Potassium selenate	7790-59-2	221.1376	mg/m^3	9.04	K2-Se-O4	S	1000
2350	Potassium selenite	10431-47-7	205.16	mg/m^3	8.39	K2-Se-O3	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2329	Potassium nitrate	7757-79-1	400 dec			2.105		09/30/97	06/26/14	06/26/14
2330	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1						12/08/02	09/16/13	12/31/11
2331	Potassium nitrite	7758-09-0	537 expl			1.915		08/07/98	09/16/13	01/09/12
2332	Potassium orthovanadate	14293-78-8						12/08/02	07/14/14	07/14/14
2333	Potassium oxalate	583-52-8				2.08		08/07/98	09/16/13	12/31/11
2334	Potassium oxalate monohydrate	6487-48-5				2.13		04/14/04	04/23/15	04/23/14
2335	Potassium oxide	12136-45-7						09/05/08	10/24/13	02/08/12
2336	Potassium perchlorate	7778-74-7				2.52		04/14/04	10/07/13	10/07/13
2337	Potassium periodate	7790-21-8				3.618 @ 15°C		04/15/07	09/14/15	09/14/15
2338	Potassium permanganate	7722-64-7				2.7		08/21/96	05/19/14	05/19/14
2339	Potassium peroxymonosulfate; (Peroxymonosulfuric acid, monopotassium salt)	10058-23-8						07/22/10	09/16/13	12/31/11
2340	Potassium persulfate; (Dipotassium persulfate)	7727-21-1				2.477		08/07/98	09/16/13	12/31/11
2341	Potassium phosphate, dibasic	7758-11-4						04/15/07	04/23/15	04/23/15
2342	Potassium phosphate, dibasic trihydrate	16788-57-1						04/15/07	04/23/15	04/23/15
2343	Potassium phosphate, monobasic	7778-77-0						06/16/08	12/12/13	12/12/13
2344	Potassium phosphate, tribasic	7778-53-2						03/01/00	12/13/13	12/13/13
2345	**Potassium phosphide**	**20770-41-6**						09/05/08	02/13/15	02/13/12
2346	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	300			2.33		04/15/07	09/16/13	12/31/11
2347	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7						08/07/98	09/16/13	12/31/11
2348	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8				2.3		10/11/05	09/17/13	09/17/13
2349	Potassium selenate	7790-59-2				3.07		12/08/02	07/02/14	11/26/12
2350	Potassium selenite	10431-47-7						12/08/02	07/02/14	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)
2351	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1		mg/m^3		K2.Si3.05 to K2.Si3.O7	S	1015
2352	Potassium silver cyanide	506-61-6	199.01	mg/m^3	8.13	C2AgN2.K	S	
2353	Potassium stannate	12142-33-5	244.9	mg/m^3	10.01	K2-Sn-O3	S	
2354	Potassium strontium phosphate	53201-92-6	221.68	mg/m^3	9.06	K.Sr.P.O4	S	
2355	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	174.26	mg/m^3	7.12	K2O4S	S	1067
2356	Potassium tellurate	15571-91-2	269.78	mg/m^3	11.03	2K-Te-O4	S	
2357	Potassium tellurite	7790-58-1	253.7782	mg/m^3	10.37	2K-Te-O3	S	
2358	Potassium tetrafluoroborate(1-)	14075-53-7	125.91	mg/m^3	5.15	B.F4.K	S	570
2359	Potassium tetraphenylborate	3244-41-5	358.31	mg/m^3	14.64	KB(C6H5)4	S	
2360	Potassium thiocyanate	333-20-0	97.18	mg/m^3	3.97	CKNS	S	173
2361	Potassium trihydrogen silicate	z-0058	134.196	mg/m^3	5.48	K-H3-Si-O4	S	
2362	Potassium tungstate	7790-60-5	326.03	mg/m^3	13.33	K2-W-O4	L	921
2363	Potassium uranyl carbonate	17871-80-6	606.24	mg/m^3	24.78	K4UO2(CO3)3	S	
2364	Potassium zirconate; (Potassium zirconium oxide; Dipotassium zirconate)	12030-98-7	217.41	mg/m^3	8.89	2KZrO3	S	
2365	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	112.2	mg/m^3	4.59	K.C4H9.O	S	
2366	Praseodymium	7440-10-0	140.9077	mg/m^3	5.76	Pr	S	935
2367	Praseodymium (III, IV) oxide	12037-29-5	1021.4396	mg/m^3	41.75	Pr6.O11	S	
2368	Praseodymium nitrate	10361-80-5	326.92	mg/m^3	13.36	N3O9Pr	S	
2369	Praseodymium oxide	12036-32-7	329.8136	mg/m^3	13.48	Pr2-O3	S	2300
2370	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	207.3	mg/m^3	8.47	C12H17NO2	S	87-88
2371	Propanamine, 1-; (Propylamine)	107-10-8	59.3	ppm	2.42	C3H9N	L	-83
2372	**Propane**	**74-98-6**	44.1	ppm	1.80	C3H8	G	-187.63

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2351	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1				2.456		10/11/05	09/16/13	12/31/11
2352	Potassium silver cyanide	506-61-6		0.00001	25	2.36		12/08/02	03/28/14	03/28/14
2353	Potassium stannate	12142-33-5						12/08/02	09/20/13	09/20/13
2354	Potassium strontium phosphate	53201-92-6						12/08/02	12/13/12	12/13/13
2355	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	1689			2.66		01/10/01	09/16/13	01/16/12
2356	Potassium tellurate	15571-91-2						12/08/02	06/24/14	12/12/11
2357	Potassium tellurite	7790-58-1						12/08/02	06/24/14	05/07/12
2358	Potassium tetrafluoroborate(1-)	14075-53-7				2.506		10/11/05	09/16/13	12/31/11
2359	Potassium tetraphenylborate	3244-41-5						8/21/96	10/10/13	10/10/13
2360	Potassium thiocyanate	333-20-0	500 dec			1.89		08/07/98	12/05/12	12/05/12
2361	Potassium trihydrogen silicate	z-0058						12/08/02	09/17/13	12/31/11
2362	Potassium tungstate	7790-60-5				3.12		12/08/02	07/17/14	07/17/14
2363	Potassium uranyl carbonate	17871-80-6						12/08/02	07/07/14	07/07/14
2364	Potassium zirconate; (Potassium zirconium oxide; Dipotassium zirconate)	12030-98-7						12/08/02	07/31/14	12/31/11
2365	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
2366	Praseodymium	7440-10-0	3512			6.772		07/11/07	10/10/13	12/31/11
2367	Praseodymium (III, IV) oxide	12037-29-5						10/11/05	09/17/13	12/31/11
2368	Praseodymium nitrate	10361-80-5						09/30/97	09/17/13	12/31/11
2369	Praseodymium oxide	12036-32-7				6.9		12/08/02	10/10/13	10/10/13
2370	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	345	0.00003	25			12/08/02	09/17/13	12/31/11
2371	Propanamine, 1-; (Propylamine)	107-10-8	48-49	248	20	0.7191	20000	06/13/02	09/17/13	12/31/11
2372	**Propane**	**74-98-6**	-42.1	750	-42.3	0.493	23000	08/21/96	02/26/15	02/26/15

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2373	Propane sultone, 1,3-	1120-71-4	122.14	mg/m^3	4.99	C3H6O3S	S	31
2374	Propanediamine, 1,2-	78-90-0	74.15	mg/m^3	3.03	C3H10N2	L	
2375	Propanediamine, 1,3-	109-76-2	74.15	mg/m^3	3.03	C3H10N2	L	-12
2376	**Propanedinitrile; (Malononitrile)**	**109-77-3**	66.07	ppm	2.70	C3H2N2	L	30.5
2377	Propanediol, 1,3-	504-63-2	76.11	mg/m^3	3.11	C3.H8.O2	L	
2378	Propanediol, 2,2-dimethyl-1,3-	126-30-7	104.17	ppm	4.26	C5.H12.O2	S	129
2379	Propanethiol; (n-Propylmercaptan)	107-03-9	76.17	ppm	3.11	C3.H8.S	L	-113.3
2380	Propanol, zirconium(4+) salt, 1-	23519-77-9	331.6	mg/m^3	13.55	C12.H28.O4.Zr	S	
2381	**Propargyl alcohol**	**107-19-7**	56.06	ppm	2.29	C3H4O	L	-51.8
2382	Propargyl bromide	106-96-7	118.97	mg/m^3	4.86	Br.C3H3	L	-61.07
2383	Propiolactone, b-	57-57-8	72.06	ppm	2.95	C3H4O2	L	-33.4
2384	**Propionaldehyde**	**123-38-6**	58.08	ppm	2.37	C3H6O	L	-80
2385	Propionic acid	79-09-4	74.09	ppm	3.03	C3H6O2	L	-21.5
2386	Propionic acid, 3-ethoxy-, ethyl ester; (Ethyl-3-ethoxypropionate)	763-69-9	146.21	ppm	5.98	C7H14O3	L	-100
2387	Propionic acid, sodium salt	137-40-6	96.07	mg/m^3	3.93	C3.H5.O2.Na	S hygr	
2388	Propionic anhydride	123-62-6	130.16	mg/m^3	5.32	C6H10O3	L	-45
2389	**Propionitrile; (Propiononitrile)**	**107-12-0**	55.09	ppm	2.25	C3H5N	L	-103.5
2390	Propionyl chloride	79-03-8	92.53	ppm	3.78	CH3CH2CO.Cl	L	-94
2391	Propoxur (Baygon)	114-26-1	209.24	mg/m^3	8.55	C11H15NO3	S	87
2392	Propoxypropanol, n-; (Propylene glycol monpropyl ether)	30136-13-1	228.2	ppm	9.33	C6.H14.O2	L	-80
2393	Propyl acetate, n-	109-60-4	102.15	ppm	4.18	C5.H10.O2	L	-93

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2373	Propane sultone, 1,3-	1120-71-4	180 @ 0.039 atm			1.393 @ 40°C		09/30/97	03/21/16	01/25/12
2374	Propanediamine, 1,2-	78-90-0	118.9			0.9		01/04/99	09/18/14	12/31/11
2375	Propanediamine, 1,3-	109-76-2	135-136			0.8881		01/04/99	09/23/14	09/18/14
2376	**Propanedinitrile; (Malononitrile)**	**109-77-3**	220	11	99	1.049 @ 34°C		06/13/02	02/09/15	02/09/15
2377	Propanediol, 1,3-	504-63-2	210-211			1.0536		10/11/05	09/18/14	12/31/11
2378	Propanediol, 2,2-dimethyl-1,3-	126-30-7	206			1.06		10/11/05	03/10/15	12/31/11
2379	Propanethiol; (n-Propylmercaptan)	107-03-9	67-68	154.2	25	0.8411 @ 20°C		10/11/05	08/19/13	12/08/11
2380	Propanol, zirconium(4+) salt, 1-	23519-77-9						10/11/05	07/31/14	12/31/11
2381	**Propargyl alcohol**	**107-19-7**	113.6	15.6	25	0.9478 @ 20°C		12/30/95	03/10/15	02/16/12
2382	Propargyl bromide	106-96-7	88-90			1.579 @ 19°C	30000	06/13/02	11/14/14	12/05/12
2383	Propiolactone, b-	57-57-8	162	0.75	8	1.1460 @ 20°C	29000	09/30/97	09/17/13	12/05/12
2384	**Propionaldehyde**	**123-38-6**	48	750	47.7	0.8657	26000	09/30/97	03/10/15	04/20/07
2385	Propionic acid	79-09-4	141.1	10	39.7	0.99815	29000	08/07/98	03/10/15	12/05/12
2386	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
2387	Propionic acid, sodium salt	137-40-6						10/11/05	09/17/13	07/26/12
2388	Propionic anhydride	123-62-6	167	1	20.6	1.012	13000	06/13/02	03/10/15	12/31/11
2389	**Propionitrile; (Propiononitrile)**	**107-12-0**	97.1	35	20	0.783	31000	01/04/99	02/09/15	02/09/15
2390	Propionyl chloride	79-03-8	80			1.065		06/13/02	09/17/13	12/31/11
2391	Propoxur (Baygon)	114-26-1	dec	9.68x10-6	20	1.12 @ 20°C		09/30/97	09/17/13	12/05/12
2392	Propoxypropanol, n-; (Propylene glycol monpropyl ether)	30136-13-1	149.8			0.8865		09/05/08	09/17/13	12/31/11
2393	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

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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)
2394	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	122.56	ppm	5.01	C4H7ClO2	L	
2395	Propyl nitrate	627-13-4	105.11	ppm	4.30	C3H7NO3	L	<-101
2396	Propyl-1-butanamine, N-	20193-21-9	115.218	mg/m^3	4.71	C7-H17-N		
2397	Propylbenzene, n-; (Isocumene)	103-65-1	120.19	ppm	4.91	C9H12	L	-99.6
2398	Propylene carbonate, 1,2-	108-32-7	102.09	mg/m^3	4.17	C4H6O3	L	-48.8
2399	**Propylene glycol dinitrate**	**6423-43-4**	166.11	ppm	6.79	C3H6N2O6	L	-7.8
2400	**Propylene glycol monomethyl ether acetate, alpha-isomer; (1-Methoxypropyl-2-acetate)**	**108-65-6**	132.18	ppm	5.40	C6.H12.O3	L	
2401	**Propylene glycol monomethyl ether acetate, beta-isomer; (2-Methoxypropoyl-1-acetate)**	**70657-70-4**	132.18	ppm	5.40	C6.H12.O3	L	
2402	Propylene glycol monomethyl ether; (Ucar Triol HG-170)	107-98-2	90.12	ppm	3.68	C4H10O2	L	-95
2403	Propylene glycol mono-n-butyl ether; (3-Butoxy-1-propanol)	10215-33-5	132.23	ppm	5.40	C7H16O2		
2404	Propylene glycol; (1,2-Propanediol)	57-55-6	76.1	mg/m^3	3.11	C3H8O2	L	-60
2405	**Propylene oxide; (Methyl ethylene oxide)**	**75-56-9**	58.08	ppm	2.37	C3H6O	L	-112.13
2406	Propylene; (1-Propene)	115-07-1	42.09	ppm	1.72	H2C=CHCH3	G/L	-185
2407	**Propyleneimine, 1,2-**	**75-55-8**	57.1	ppm	2.33	C3H7N	L	-65
2408	**Propyltrichlorosilane**	**141-57-1**	177.54	ppm	7.26	C3.H7.Cl3.Si	L	
2409	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	285.39	mg/m^3	11.66	C9H20NO3PS2	S	28.5
2410	Pump oil; (petroleum distillates, solvent de-waxed heavy paraffinic	64742-65-0		mg/m^3			L	
2411	Pyrene	129-00-0	202.25	mg/m^3	8.27	C16H10	S	150.62
2412	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	
2413	Pyridine	110-86-1	79.1	ppm	3.23	C6H5N	L	-41.7
2414	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	107.12	mg/m^3	4.38	C6.H5.N.O	L	12

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2394	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	114-115 @768			1.09		03/01/00	02/13/15	12/31/11
2395	Propyl nitrate	627-13-4	110.5			1.054 @ 20°C	20000	12/08/02	09/17/13	12/31/11
2396	Propyl-1-butanamine, N-	20193-21-9						12/08/02	12/13/13	12/13/13
2397	Propylbenzene, n-; (Isocumene)	103-65-1	159.24	7.5	38	0.8593	8000	09/30/97	02/27/16	02/27/16
2398	Propylene carbonate, 1,2-	108-32-7	242	0.75	43	1.2047 @ 20°C		09/30/97	02/27/16	02/27/16
2399	**Propylene glycol dinitrate**	**6423-43-4**		0.07	22			06/13/02	02/12/15	
2400	**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
2401	**Propylene glycol monomethyl ether acetate, beta-isomer; (2-Methoxypropoyl-1-acetate)**	**70657-70-4**						04/01/09	03/10/15	04/06/09
2402	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
2403	Propylene glycol mono-n-butyl ether; (3-Butoxy-1-propanol)	10215-33-5						07/09/97	02/05/16	02/05/16
2404	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
2405	**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
2406	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
2407	**Propyleneimine, 1,2-**	**75-55-8**	67	140	25	0.812 @ 16°C		09/30/97	04/10/14	05/14/10
2408	**Propyltrichlorosilane**	**141-57-1**	123.5	28.8	20	1.195 @ 20°C		09/05/08	02/09/15	
2409	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	330	0.0001	25			12/08/02	09/17/13	12/31/11
2410	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
2411	Pyrene	129-00-0	404	45.x10-6	25	1.271 @ 23°C		09/30/97	02/27/16	02/27/16
2412	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	11/30/15	11/30/15
2413	Pyridine	110-86-1	115.23	20.8	25	0.9827 @ 20°C	18000	12/30/95	03/10/15	01/30/12
2414	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	71-73			1.137		07/11/07	09/18/13	12/31/11

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2415	Pyridine-d5	7291-22-7	84.13	ppm	3.44	C5.D5.N	L	-42
2416	Pyriminil; (Pyriminyl)	53558-25-1	272.29	mg/m^3	11.13	C13H12N4O3	S	223-225
2417	Pyrogallic acid	87-66-1	126.12	mg/m^3	5.15	C6.H6.O3	S	131-133
2418	Pyromellitic acid	89-05-4	254.16	mg/m^3	10.39	C10H6O8	S	257-265
2419	Pyrrole; (Imidole)	109-97-7	67.1	ppm	2.74	C4.H5.N	L	-23.4
2420	Pyrrolidine	123-75-1	71.14	mg/m^3	2.91	C4H9N	L	-63
2421	Pyrrolidinone, 2-	616-45-5	85.12	ppm	3.48	C4-H7-N-O	S	24.6
2422	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1		mg/m^3			S	
2423	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, chlorides; (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium chlorides)	70750-47-9		mg/m^3			S	
2424	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, nitrates (salts); (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium nitrates)	71487-00-8		mg/m^3			S	
2425	Quinhydrone	106-34-3	220.24	mg/m^3	9.00	C12H10O4	S	171
2426	Quinoline	91-22-5	129.16	ppm	5.28	C9H7N	L	-14.78
2427	Quinolinol, 8-	148-24-3	145.17	mg/m^3	5.93	C9H7NO	S	76
2428	Resorcinol	108-46-3	110.11	ppm	4.50	C6H6O2	S	109.4
2429	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	
2430	Rhenium hexafluoride	10049-17-9	300.197	mg/m^3	12.27	ReF6	L	18.5
2431	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	484.41	mg/m^3	19.80	Re2-O7	S	297
2432	Rhodium	7440-16-6	102.91	mg/m^3	4.21	Rh	S	1966
2433	Rhodium oxide; (Rhodium(IV) oxide)	12137-27-8	134.91	mg/m^3	5.51	Rh-O2	L	
2434	Rhodium(III) hydroxide	21656-02-0	153.93	mg/m^3	6.29	Rh-(OH)3	L sol	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2415	Pyridine-d5	7291-22-7	114.4			1.05	18000	07/11/07	09/18/13	09/18/13
2416	Pyriminil; (Pyriminyl)	53558-25-1		0.00001	25			12/08/02	01/15/16	01/15/16
2417	Pyrogallic acid	87-66-1	309	10	167.7	1.453 @ 4°C		10/11/05	09/18/13	12/31/11
2418	Pyromellitic acid	89-05-4				1.79		08/07/98	09/18/13	12/31/11
2419	Pyrrole; (Imidole)	109-97-7	129.7	8.35	25	0.9698 @ 20°C		07/11/07	09/18/13	05/02/12
2420	Pyrrolidine	123-75-1	88.5-89	128	39	0.8618		01/04/99	03/10/15	12/31/11
2421	Pyrrolidinone, 2-	616-45-5	245	0.00949	25	1.116		12/08/02	09/18/13	07/26/12
2422	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1				0.96		04/14/04	09/18/13	12/31/11
2423	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
2424	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
2425	Quinhydrone	106-34-3				1.4		01/04/99	09/18/13	12/31/11
2426	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
2427	Quinolinol, 8-	148-24-3	267					08/07/98	09/18/13	09/18/13
2428	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
2429	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
2430	Rhenium hexafluoride	10049-17-9	33.6					10/11/05	09/18/13	12/31/11
2431	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	360			6.1		12/08/02	09/18/13	12/31/11
2432	Rhodium	7440-16-6	3727			12.41		01/04/99	07/10/14	12/31/11
2433	Rhodium oxide; (Rhodium(IV) oxide)	12137-27-8				7.2		12/08/02	07/10/14	07/10/14
2434	Rhodium(III) hydroxide	21656-02-0						12/08/02	07/10/14	07/10/14

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2435	Rhodium(III) oxide (solids)	12036-35-0	253.8092	mg/m^3	10.37	Rh2-O3	S is	1100 dec
2436	Ricin	9009-86-3	~64kDa	mg/m^3		[Unknown]	S	
2437	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7		mg/m^3			S	
2438	Rotenone	83-79-4	394.42	mg/m^3	16.12	C23H22O6	S	176
2439	Rubidium	7440-17-7	85.47	mg/m^3	3.49	Rb	S	39.5
2440	Rubidium bromide	7789-39-1	165.37	mg/m^3	6.76	BrRb	S	693
2441	Rubidium chloride	7791-11-9	120.92	mg/m^3	4.94	ClRb	S	718
2442	Rubidium hydroxide	1310-82-3	102.48	mg/m^3	4.19	Rb-OH	V	382
2443	Rubidium nitrate	13126-12-0	147.48	mg/m^3	6.03	NO3Rb	S	
2444	Ruthenium	7440-18-8	101.07	mg/m^3	4.13	Ru	S	2333
2445	Ruthenium trichloride	10049-08-8	207.42	mg/m^3	8.48	Cl3Ru	S	500 dec
2446	Ruthenium(IV) oxide	12036-10-1	133.07	mg/m^3	5.44	Ru-O2	V	
2447	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	162.2	mg/m^3	6.63	C10H10O2	L	11
2448	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1	325.25	mg/m^3	13.29	C16H14CoN2O2	S	
2449	Salicylaldehyde	90-02-8	122.13	mg/m^3	4.99	C7.H6.O2	L	-7
2450	Samarium	7440-19-9	150.36	mg/m^3	6.15	Sm	S	1072
2451	Samarium chloride	10361-82-7	256.7	mg/m^3	10.49	Cl3Sm	S	686
2452	Samarium nitrate	10361-83-8	336.38	mg/m^3	13.75	N3O9Sm	S	
2453	Samarium(II) iodide solution	32248-43-4	404.17	mg/m^3	16.52	Sm.I2	S	
2454	Samarium(III) chloride hexahydrate	13465-55-9	364.81	mg/m^3	14.91	Cl3.H12.O6.Sm	S	110
2455	Samarium(III) oxide	12060-58-1	348.72	mg/m^3	14.25	Sm2-O3	S	
2456	Satratoxin H	53126-64-0	528.65	mg/m^3	21.61	C29H36O9	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2435	Rhodium(III) oxide (solids)	12036-35-0				8.2		12/08/02	07/10/14	12/31/11
2436	Ricin	9009-86-3						11/19/14		
2437	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7						04/14/04	09/18/13	12/06/12
2438	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
2439	Rubidium	7440-17-7	688			1.532 @ 20°C		07/24/07	09/18/13	12/31/11
2440	Rubidium bromide	7789-39-1	1340			3.35		08/07/98	09/18/13	12/31/11
2441	Rubidium chloride	7791-11-9	1390			2.76		08/07/98	04/4/16	04/14/16
2442	Rubidium hydroxide	1310-82-3				3 .203 @ 11°C		12/08/02	09/18/13	12/31/11
2443	Rubidium nitrate	13126-12-0						01/04/99	09/18/13	12/31/11
2444	Ruthenium	7440-18-8	4150	7.5x10-3	2315	12.1		09/30/97	02/27/16	12/31/11
2445	Ruthenium trichloride	10049-08-8				3.11		08/07/98	09/18/13	12/31/11
2446	Ruthenium(IV) oxide	12036-10-1				7.05		12/08/02	06/25/13	06/25/13
2447	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
2448	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1		0.00001	25			12/08/02	09/18/13	12/06/12
2449	Salicylaldehyde	90-02-8	197	0.593	25	1.167		07/11/07	09/18/13	07/27/12
2450	Samarium	7440-19-9	1778			7.536		07/11/07	09/18/13	12/31/11
2451	Samarium chloride	10361-82-7						04/30/15		
2452	Samarium nitrate	10361-83-8						09/30/97	09/18/13	12/31/11
2453	Samarium(II) iodide solution	32248-43-4				0.922		07/11/07	10/10/13	10/10/13
2454	Samarium(III) chloride hexahydrate	13465-55-9				2.38		10/11/05	04/30/15	04/30/15
2455	Samarium(III) oxide	12060-58-1				8.347		12/08/02	09/18/13	12/31/11
2456	Satratoxin H	53126-64-0						01/14/15		

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2457	Saxitoxin	35523-89-8	299.34	mg/m^3	12.23	C10.H17.N7.O4	S	
2458	Scandium	7440-20-2	44.956	mg/m^3	1.84	Sc	S	1541
2459	Scandium oxide	12060-08-1	137.91	mg/m^3	5.64	Sc2-O3	S	2485
2460	Selenious acid	7783-00-8	128.97	mg/m^3	5.27	H2O3Se	S	70 dec
2461	Selenium	7782-49-2	78.96	mg/m^3	3.23	Se	S	220.8
2462	Selenium dioxide	7446-08-4	110.96	mg/m^3	4.54	O2Se	S	340 triple point
2463	**Selenium hexafluoride**	**7783-79-1**	192.95	ppm	7.89	F6Se	G	-34.6 triple point
2464	Selenium monosulfide	7446-34-6	111.02	mg/m^3	4.54	SSe	S	111.03
2465	Selenium oxychloride	7791-23-3	165.86	mg/m^3	6.78	Cl2OSe	L	10.9
2466	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4	143.08	mg/m^3	5.85	S2Se	S	<100
2467	Semicarbazide hydrochloride	563-41-7	111.55	mg/m^3	4.56	CH5N3O.ClH	S/L	176 decom
2468	Shigella, shigatoxin; (shiga-like toxins)	75757-64-1	~62kDa	mg/m^3			S	
2469	**Silane; (Silicon tetrahydride)**	**7803-62-5**	32.13	ppm	1.31	H4Si	G	-185
2470	Silica amorphous hydrated	7631-86-9	60.08	mg/m^3	2.46	O2Si	S	
2471	Silica gel	63231-67-4		mg/m^3		Si.O2	S	1610
2472	Silica gel dessicant	1343-98-2		mg/m^3		Si.O2	S coll.	1610
2473	Silica gel, amorphous synthetic	112926-00-8		mg/m^3		Si.O2	S	
2474	Silica, amorphous fume	69012-64-2		mg/m^3		[Unspecified]		3110
2475	Silica, amorphous fumed	112945-52-5	60.09	mg/m^3	2.46	O2Si	S pwdr	
2476	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	60.09	mg/m^3	2.46	O2Si	S	573
2477	Silicic acid	7699-41-4	78.09958	mg/m^3	3.19	Si-H2-O3	S	
2478	Silicic acid, aluminum calcium sodium salt	1344-01-0	135	mg/m^3	5.52	Si.OH.Al.Ca.Na	S react	

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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
2457	Saxitoxin	35523-89-8						10/11/05	01/09/15	01/09/15
2458	Scandium	7440-20-2	2836			2.989		10/11/05	09/18/13	12/31/11
2459	Scandium oxide	12060-08-1				3.864		12/08/02	09/18/13	12/31/11
2460	Selenious acid	7783-00-8		2	15	3		12/30/95	07/02/14	12/06/12
2461	Selenium	7782-49-2	685	7.5x10-3	227	4.809		12/30/95	07/02/14	01/14/13
2462	Selenium dioxide	7446-08-4	315 subl	7.5x10-3	124.5	3.95		09/30/97	07/02/14	07/27/12
2463	**Selenium hexafluoride**	**7783-79-1**	-46.6 subl	750	-46.5	7.887		09/30/97	02/17/15	08/17/07
2464	Selenium monosulfide	7446-34-6	118dec			3.056 @ 0°C		03/01/00	07/02/14	09/18/13
2465	Selenium oxychloride	7791-23-3	176.4	2.9	25	2.42 @ 22°C		12/08/02	07/02/14	07/27/12
2466	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4						03/01/00	07/02/14	12/31/11
2467	Semicarbazide hydrochloride	563-41-7						06/13/02	12/06/12	12/06/12
2468	Shigella, shigatoxin; (shiga-like toxins)	75757-64-1						01/16/15		
2469	**Silane; (Silicon tetrahydride)**	**7803-62-5**	-112			0.68 @ 185°C	14000	08/07/98	03/10/15	
2470	Silica amorphous hydrated	7631-86-9				2.2		09/30/97	02/27/16	02/27/16
2471	Silica gel	63231-67-4	2503	10	1732	2.2		04/14/04	09/18/13	12/31/11
2472	Silica gel dessicant	1343-98-2	2503 @ 20ºC	10	1732	2.2		04/14/04	09/18/12	09/18/12
2473	Silica gel, amorphous synthetic	112926-00-8						04/14/04	09/18/12	09/18/12
2474	Silica, amorphous fume	69012-64-2	4046			2.2		03/01/00	01/14/13	01/14/13
2475	Silica, amorphous fumed	112945-52-5						09/30/97	07/27/12	07/27/12
2476	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	2950	7.5x10-3	1966	2.648		08/21/96	10/24/12	10/24/12
2477	Silicic acid	7699-41-4						10/24/07	09/18/13	12/31/11
2478	Silicic acid, aluminum calcium sodium salt	1344-01-0						10/11/05	02/27/14	02/27/14

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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)
2479	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	184.04268	mg/m^3	7.52	Na4.O4.Si	S	
2480	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4	144.09	mg/m^3	5.89	H2F6Si	L	
2481	Silicon	7440-21-3	28.09	mg/m^3	1.15	Si	S	1414
2482	Silicon carbide	409-21-2	40.1	mg/m^3	1.64	CSi	S	2830
2483	Silicon nitride	12033-89-5	140.284	mg/m^3	5.73	Si3.N4	S	1900
2484	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**	104.09	ppm	4.25	F4Si	G	-77
2485	Silicon(II) oxide; (Silicon oxide)	10097-28-6	44.09	mg/m^3	1.80	OSi	S	>1702
2486	Siloprene k 1000 (Polydimethylsiloxane rubber)	63394-02-5		mg/m^3			S	
2487	Siloxanes and silicones, dimethyl, reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7		mg/m^3		Unspecificed	S	
2488	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	
2489	Silver	7440-22-4	107.87	mg/m^3	4.41	Ag	S	961.78
2490	Silver carbonate; (Silver(I) carbonate)	534-16-7	275.7456	mg/m^3	11.27	Ag2-CO3	S	218
2491	Silver chloride	7783-90-6	143.321	mg/m^3	5.86	AgCl	S	455
2492	Silver cyanide	506-64-9	133.89	mg/m^3	5.47	AgCN	S	320 dec
2493	Silver hydroxide	12673-77-7	124.875	mg/m^3	5.10	Ag.OH	S	
2494	Silver nitrate	7761-88-8	169.87	mg/m^3	6.94	AgNO3	S	210
2495	Silver nitrite; (Silver(I) nitrite)	7783-99-5	153.874	mg/m^3	6.29	Ag-NO2	S	
2496	Silver oxide	20667-12-3	231.74	mg/m^3	9.47	Ag2O	S	~ 200 dec
2497	Soda lime	8006-28-8		mg/m^3		Ca.O + >4% Na.OH	S	
2498	Sodium	7440-23-5	22.99	mg/m^3	0.94	Na	S	97.794
2499	Sodium acetate	127-09-3	82.03	mg/m^3	3.35	C2H3NaO2	S	328.2
2500	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

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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
2479	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	102	18				04/14/04	09/18/13	12/31/11
2480	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4				1.0407 @ 17.5°C		12/30/95	09/18/13	12/31/11
2481	Silicon	7440-21-3	3265	7.5x10-3	1635	2.3296		09/30/97	02/29/16	12/31/11
2482	Silicon carbide	409-21-2				3.16		09/30/97	09/18/12	09/18/12
2483	Silicon nitride	12033-89-5				3.17		10/11/05	09/18/13	12/31/11
2484	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**						12/08/02	02/17/15	08/17/07
2485	Silicon(II) oxide; (Silicon oxide)	10097-28-6	1880			2.15		08/07/98	09/18/13	12/31/11
2486	Siloprene k 1000 (Polydimethylsiloxane rubber)	63394-02-5						10/11/05	10/10/13	10/10/13
2487	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
2488	Siloxanes and silicones, methyl phenyl; (Silicon Y-6607; Silicone fluid, high temp)	67762-92-9						11/15/96	01/20/16	12/31/11
2489	Silver	7440-22-4	2162	7.5x10-3	1010	10.5		12/30/95	09/18/13	12/06/12
2490	Silver carbonate; (Silver(I) carbonate)	534-16-7				6.077		12/08/02	02/26/14	09/20/13
2491	Silver chloride	7783-90-6	1547	7.5x10-3	670	5.56		11/15/96	02/26/14	09/20/13
2492	Silver cyanide	506-64-9				3.95		12/30/95	02/26/14	02/26/14
2493	Silver hydroxide	12673-77-7						12/08/02	02/26/14	12/31/11
2494	Silver nitrate	7761-88-8	440 dec			4.35		12/30/95	03/28/14	03/28/14
2495	Silver nitrite; (Silver(I) nitrite)	7783-99-5						12/08/02	03/10/14	12/31/11
2496	Silver oxide	20667-12-3				7.2		11/15/96	04/01/14	04/01/14
2497	Soda lime	8006-28-8						04/14/04	04/23/15	04/23/15
2498	Sodium	7440-23-5	882.94	7.5x10-3	280.6	0.97		07/09/97	02/05/16	01/25/12
2499	Sodium acetate	127-09-3				1.528		09/30/97	02/29/16	12/31/11
2500	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	dec			1.528		04/14/04	09/19/13	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)
2501	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1	81.97	mg/m^3	3.35	[Unspecified]	S hygr	1650
2502	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7	81.97	mg/m^3	3.35	AlNaO2	S hygr	1650
2503	Sodium aluminum hydride	13770-96-2	54.01	mg/m^3	2.21	Al.H4.Na	S	183
2504	Sodium aluminum silicate; sodium aluminosilicate (1344-00-9)	73987-94-7	410.94	mg/m^3	16.80	Al.12(Na.Si.O4)	S	
2505	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0	246.79	mg/m^3	10.09	Na.Sb.O3	S	
2506	Sodium antimonite	z-0061	212.78	mg/m^3	8.70	Na.Sb.(OH)4	S	
2507	Sodium argentate	z-0062	164.87	mg/m^3	6.74	Na.Ag.(OH)2	S	
2508	Sodium arsenate	7631-89-2	202.94	mg/m^3	8.29	AsH3O4.7Na	S	86
2509	Sodium arsenite	7784-46-5	129.91	mg/m^3	5.31	AsNaO2	S	
2510	Sodium azide	26628-22-8	65.01	mg/m^3	2.66	N3.Na	S	300 dec
2511	Sodium beryllium oxide	z-0063	112.0021	mg/m^3	4.58	Na2-Be2-O3	S	
2512	Sodium bicarbonate	144-55-8	84.01	mg/m^3	3.43	CHNaO3	S	~ 50 dec
2513	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1	62	mg/m^3	2.53	F2HNa	S	decom
2514	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	202.16	mg/m^3	8.26	C6.H16.Al.Na.O4	S	
2515	Sodium bismuthate	12232-99-4	279.97	mg/m^3	11.44	NaBi(OH)4 or BiNaO3	S	
2516	Sodium bisulfate monohydrate	10034-88-5	138.08	mg/m^3	5.64	Na.H.O4.S.H2O	S	
2517	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1	120.06	mg/m^3	4.91	HNaO4S	S	>315dec
2518	Sodium bisulfite	7631-90-5	104.06	mg/m^3	4.25	HNaO3S	S	dec
2519	Sodium borate decahydrate (Borax)	1303-96-4	381.37	mg/m^3	15.59	B4H20Na2O17	S	75 dec
2520	Sodium borate; (Disodium tetraborate)	1330-43-4	201.22	mg/m^3	8.22	B4Na2O7	S	743
2521	Sodium borohydride	16940-66-2	37.84	mg/m^3	1.55	BH4Na	S	497 dec
2522	Sodium bromate	7789-38-0	150.9	mg/m^3	6.17	BrNaO3	S	381

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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
2501	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1				1.55		01/04/99	02/27/14	12/31/11
2502	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7				4.63		01/10/01	02/27/14	12/31/11
2503	Sodium aluminum hydride	13770-96-2				1.24		08/17/07	09/19/13	12/31/11
2504	Sodium aluminum silicate; sodium aluminosilicate (1344-00-9)	73987-94-7						12/08/02	12/16/13	12/16/13
2505	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0						07/02/08	07/11/14	12/31/11
2506	Sodium antimonite	z-0061						12/08/02	07/11/14	12/31/11
2507	Sodium argentate	z-0062						12/08/02	03/28/14	12/31/11
2508	Sodium arsenate	7631-89-2						11/15/96	01/27/14	01/27/14
2509	Sodium arsenite	7784-46-5				1.87		11/15/96	01/20/16	12/31/11
2510	Sodium azide	26628-22-8		7.5x10-3	20	1.846		11/15/96	07/09/13	07/09/13
2511	Sodium beryllium oxide	z-0063						12/08/02	02/04/14	01/17/12
2512	Sodium bicarbonate	144-55-8				2.2		07/09/97	09/20/13	12/31/11
2513	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1				2.08		06/13/02	09/20/13	12/31/11
2514	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	396-402			1.036		10/11/05	02/27/14	12/31/11
2515	Sodium bismuthate	12232-99-4						12/08/02	09/20/13	12/31/11
2516	Sodium bisulfate monohydrate	10034-88-5				2.1		04/14/04	09/20/13	12/31/11
2517	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1				2.43513		08/07/98	09/20/13	12/31/11
2518	Sodium bisulfite	7631-90-5				1.48		09/30/97	02/29/16	02/29/16
2519	Sodium borate decahydrate (Borax)	1303-96-4		~ 0	no temp	1.73		12/30/95	12/06/12	12/06/12
2520	Sodium borate; (Disodium tetraborate)	1330-43-4	1575	negligible	20	2.4		12/30/95	12/06/12	12/06/12
2521	Sodium borohydride	16940-66-2				1.07		08/07/98	02/04/14	02/04/14
2522	Sodium bromate	7789-38-0				3.339		08/07/98	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)
2523	Sodium bromide	7647-15-6	102.9	mg/m^3	4.21	BrNa	S	747
2524	Sodium butyl (2-ethylhexyl)phosphate	z-0064	288.3	mg/m^3	11.78	[Unknown]		
2525	Sodium butyl butylphosphonate	z-0065	232.19	mg/m^3	9.49	[Unknown]		
2526	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2	159.99	mg/m^3	6.54	AsO2C2H6.Na	S	200
2527	Sodium cadminate	z-0066	226.42	mg/m^3	9.25	Na2-Cd-(OH)4	S	
2528	Sodium carbonate	497-19-8	105.99	mg/m^3	4.33	CNa2O3	S hygr	851
2529	Sodium carbonate monohydrate	5968-11-6	124.005	mg/m^3	5.07	Na2CO3.H2O	S	851
2530	Sodium chlorite	7758-19-2	90.44	mg/m^3	3.70	Na.Cl.O2	S	257
2531	Sodium chromate decahydrate	13517-17-4	342.18	mg/m^3	13.99	CrH20Na2O14	S	
2532	Sodium chromate tetrahydrate	10034-82-9	303.03	mg/m^3	12.39	2Na.Cr.O4.4H2O	S	dec.
2533	Sodium chromate(VI); (Disodium chromate)	7775-11-3	161.97	mg/m^3	6.62	CrNa2O4	S	794
2534	Sodium citrate; (Monosodium citrate)	18996-35-5	214.12	mg/m^3	8.75	C6H7NaO7	S	
2535	Sodium cobaltinitrite	13600-98-1	403.96	mg/m^3	16.51	CoN6Na3O12	S	
2536	**Sodium cyanide**	**143-33-9**	49.01	mg/m^3	2.00	CNNa	S	563
2537	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1	88.08	mg/m^3	3.60	C5.H5.Na	S	
2538	Sodium deuteroxide	14014-06-3	41	mg/m^3	1.68	Na.O.D	S	
2539	Sodium dichromate dihydrate	7789-12-0	298.02	mg/m^3	12.18	Cr2H4Na2O9	S	loses H2O at 100
2540	Sodium dichromate; (Disodium dichromate)	10588-01-9	261.98	mg/m^3	10.71	Cr2Na2O7	S	356.7
2541	Sodium diethyldithiocarbamate trihydrate	20624-25-3	225.33	mg/m^3	9.21	C5.H10.N.S2.Na.3H2.0	S	95
2542	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5	171.27	mg/m^3	7.00	C5H10NS2.Na	S	95
2543	Sodium dithionate dihydrate	7631-94-9	242.14	mg/m^3	9.90	Na2.S2.O6.2H2O	S	110
2544	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0	348.52	mg/m^3	14.24	C18H29NaO3S	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
2523	Sodium bromide	7647-15-6	1390			3.21		01/10/01	10/07/13	10/07/13
2524	Sodium butyl (2-ethylhexyl)phosphate	z-0064						12/08/02	12/13/13	12/13/13
2525	Sodium butyl butylphosphonate	z-0065						12/08/02	12/13/13	12/13/13
2526	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2						06/13/02	01/28/14	01/28/14
2527	Sodium cadminate	z-0066						12/08/02	05/18/15	05/18/15
2528	Sodium carbonate	497-19-8	dec			2.509 @ 0°C		12/30/95	12/15/15	12/31/11
2529	Sodium carbonate monohydrate	5968-11-6				2.53		06/13/02	04/23/15	04/23/15
2530	Sodium chlorite	7758-19-2	180-200 dec			2.468		04/14/04	10/07/13	10/07/13
2531	Sodium chromate decahydrate	13517-17-4						11/15/96	10/30/14	10/30/14
2532	Sodium chromate tetrahydrate	10034-82-9						06/25/07	10/30/14	10/30/14
2533	Sodium chromate(VI); (Disodium chromate)	7775-11-3				2.72		12/30/95	10/30/14	10/30/14
2534	Sodium citrate; (Monosodium citrate)	18996-35-5						08/07/98	09/20/13	12/31/11
2535	Sodium cobaltinitrite	13600-98-1						08/07/98	10/24/13	10/07/13
2536	**Sodium cyanide**	**143-33-9**	1496	1	817	1.6		12/30/95	02/13/15	09/29/10
2537	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1						10/11/05	09/20/13	12/31/11
2538	Sodium deuteroxide	14014-06-3						07/11/07	10/24/13	06/12/09
2539	Sodium dichromate dihydrate	7789-12-0	400 dec			2.35 @ 13°C		01/10/01	10/30/14	10/30/14
2540	Sodium dichromate; (Disodium dichromate)	10588-01-9	400 dec			2.35 @ 13°C		12/30/95	10/30/14	10/30/14
2541	Sodium diethyldithiocarbamate trihydrate	20624-25-3				1.1 @ 20°C		10/11/05	09/20/13	12/31/11
2542	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5				1.1 @ 20°C		06/13/02	09/20/13	12/31/11
2543	Sodium dithionate dihydrate	7631-94-9	267 dec			2.19		04/14/04	09/20/13	12/31/11
2544	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0						01/04/99	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)
2545	Sodium ethoxide	141-52-6	68.05	mg/m^3	2.78	C2.H5.O.Na	S hygr	260 dec
2546	Sodium ferrocyanide	13601-19-9	303.93	mg/m^3	12.42	C6FeN6Na4	S	
2547	Sodium fluoride	7681-49-4	41.99	mg/m^3	1.72	FNa	S	996
2548	Sodium formate	141-53-7	68.01	mg/m^3	2.78	CHNaO2	S	257
2549	Sodium glycinate	6000-44-8	97.06	ppm	3.97	Na-C2-H4-N-O2	S	
2550	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0	98.04	ppm	4.01	Na-C2-H3-O3	S	
2551	Sodium hexahydroxoantimonate; (Sodium antimonate)	33908-66-6	246.79	mg/m^3	10.09	H46NaO6Sb	S	
2552	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9	184.38377	mg/m^3	7.54	C6.H9.N.Si2.Na	S	
2553	Sodium hydride	7646-69-7	24	mg/m^3	0.98	Na-H	S	800 decom
2554	Sodium hydrogen lead oxide	z-0067	263.2	mg/m^3	10.76	Na-H-Pb-O2	S	
2555	Sodium hydrogen metasilicate	z-0068	100.081	mg/m^3	4.09	Na-H-Si-O3	S	
2556	Sodium hydrogen pyrophosphate	z-0069	243.92	mg/m^3	9.97	Na3-H-P2-O7	S	
2557	Sodium hydrosulfite	7775-14-6	174.1	mg/m^3	7.12	O4S2.2Na	S	55 dec
2558	**Sodium hydroxide**	**1310-73-2**	40	mg/m^3	1.63	HNaO	S	323
2559	Sodium hypobromite	13824-96-9	119.9	mg/m^3	4.90	Na.Br. O.H	S	
2560	Sodium hypochlorite	7681-52-9	75.45	mg/m^3	3.08	ClHO.Na	S	18
2561	Sodium hypochlorite pentahydrate	10022-70-5	165.55	mg/m^3	6.77	ClHO.Na.5H2O	L	
2562	Sodium hypophosphite	7681-53-0	87.98	mg/m^3	3.60	H2.O2.P.Na	S	
2563	Sodium hypophosphite hydrate	123333-67-5		mg/m^3		Na.H2.O2.P-hydrate	S hygr	dec
2564	Sodium iodate	7681-55-2	197.89	mg/m^3	8.09	Na-I-O3	S	dec
2565	Sodium iodide	7681-82-5	149.89	mg/m^3	6.13	INa	S	660
2566	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7	81.07	mg/m^3	3.31	Na.C.N.S	S deliq	287

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
2545	Sodium ethoxide	141-52-6		< 0.1	20			07/11/07	10/10/13	12/31/11
2546	Sodium ferrocyanide	13601-19-9				1.458		01/04/99	05/13/14	10/24/13
2547	Sodium fluoride	7681-49-4	1704	7.5x10-2	920	2.78		09/30/97	09/20/13	12/06/12
2548	Sodium formate	141-53-7	dec			1.92		09/30/97	02/29/16	02/29/16
2549	Sodium glycinate	6000-44-8						12/08/02	09/20/13	12/31/11
2550	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0						12/08/02	03/10/15	10/25/13
2551	Sodium hexahydroxoantimonate; (Sodium antimonate)	33908-66-6						12/08/02	07/11/14	07/11/14
2552	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9						10/11/05	09/20/13	12/31/11
2553	Sodium hydride	7646-69-7				0.9		06/13/02	11/14/13	11/14/13
2554	Sodium hydrogen lead oxide	z-0067						12/08/02	05/22/14	03/10/14
2555	Sodium hydrogen metasilicate	z-0068						12/08/02	12/13/13	12/13/13
2556	Sodium hydrogen pyrophosphate	z-0069						04/15/07	12/16/13	12/13/13
2557	Sodium hydrosulfite	7775-14-6						08/07/98	09/20/13	12/31/11
2558	**Sodium hydroxide**	**1310-73-2**	1388	7.5x10-3	513	2.13		11/30/92	09/20/13	
2559	Sodium hypobromite	13824-96-9						09/05/08	09/20/13	12/31/11
2560	Sodium hypochlorite	7681-52-9						08/07/98	12/15/15	12/15/15
2561	Sodium hypochlorite pentahydrate	10022-70-5				1.21 @ 20°C		06/13/02	09/20/13	02/13/12
2562	Sodium hypophosphite	7681-53-0						10/11/05	09/20/13	12/31/11
2563	Sodium hypophosphite hydrate	123333-67-5						04/14/04	05/26/15	05/26/15
2564	Sodium iodate	7681-55-2				4.277 @ 17.5°C		12/08/02	09/20/13	12/31/11
2565	Sodium iodide	7681-82-5	1304	1	767	3.667		08/07/98	09/20/13	12/31/11
2566	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7						04/14/04	09/20/13	07/27/12

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)
2567	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3	112.07	mg/m^3	4.58	C3.H5.O3.Na	S hygr	
2568	Sodium lanthanate	z-0070	229.92	mg/m^3	9.40	Na-La-(OH)4	S	
2569	Sodium lauryl sulfate	151-21-3	288.38	mg/m^3	11.79	C12H25NaO4S	S	205
2570	Sodium metabisulfite	7681-57-4	190.11	mg/m^3	7.77	Na2O5S2	S	150 dec
2571	Sodium metaborate	7775-19-1	66.81	mg/m^3	2.73	Na-B-H-O2	S	966
2572	Sodium metaphosphate	10361-03-2	101.96	mg/m^3	4.17	NaO3P	S	628
2573	Sodium metasilicate nonahydrate	13517-24-3	286.22	mg/m^3	11.70	H20Na2O12Si	S	1089
2574	Sodium metasilicate pentahydrate	10213-79-3	212.15	mg/m^3	8.67	2Na.SI.O3.5 H2.O	S	72
2575	Sodium metavanadate; (Sodium vanadate)	13718-26-8	121.93	mg/m^3	4.98	NaO3V	S	630
2576	Sodium methylate	124-41-4	54.03	mg/m^3	2.21	CH3NaO	S	>300
2577	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6	241.95	mg/m^3	9.89	Na2MoO4.2H2O	S	
2578	Sodium monoxide; (Sodium oxide)	12401-86-4	38.99	mg/m^3	1.59	NaO	S	
2579	Sodium nickel oxide (Liquid)	37367-09-2	136.6717	mg/m^3	5.59	Na2.Ni.O2	L	
2580	Sodium nickelate	z-0073	172.7	mg/m^3	7.06	Na2.Ni.(O.H)4	L	
2581	Sodium nitrate	7631-99-4	85	mg/m^3	3.47	NNaO3	S	306.5
2582	Sodium nitrite	7632-00-0	69	mg/m^3	2.82	NNaO2	S	284
2583	Sodium o-benzyl-p-chlorophenate	3184-65-4	241.68	mg/m^3	9.88	C13H11ClNaO	S	
2584	Sodium orthovanadate	13721-39-6	183.91	mg/m^3	7.52	Na3-V-O4	S	850-866
2585	Sodium oxalate	62-76-0	134	mg/m^3	5.48	C2Na2O4	S	~ 250 dec
2586	Sodium pentachlorophenate	131-52-2	288.3	mg/m^3	11.78	C6Cl5O.Na	S	
2587	Sodium perchlorate	7601-89-0	122.44	mg/m^3	5.00	ClNaO4	S	482 dec
2588	Sodium perchlorate monohydrate	7791-07-3	140.46	mg/m^3	5.74	Cl.O4.Na.H2O	S	130

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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
2567	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3						07/11/07	09/20/13	12/31/11
2568	Sodium lanthanate	z-0070						12/08/02	12/13/13	12/13/13
2569	Sodium lauryl sulfate	151-21-3						09/30/97	02/29/16	12/31/11
2570	Sodium metabisulfite	7681-57-4				1.4		09/30/97	12/07/12	12/07/12
2571	Sodium metaborate	7775-19-1	1434			2.36		12/08/02	02/04/14	11/26/13
2572	Sodium metaphosphate	10361-03-2						07/09/97	09/23/13	12/31/11
2573	Sodium metasilicate nonahydrate	13517-24-3				2.614		01/10/01	12/16/13	12/16/13
2574	Sodium metasilicate pentahydrate	10213-79-3						02/19/08	12/16/13	12/16/13
2575	Sodium metavanadate; (Sodium vanadate)	13718-26-8						08/07/98	0715/14	07/15/14
2576	Sodium methylate	124-41-4	127dec					03/01/00	09/23/13	12/31/11
2577	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6				3.5		06/13/02	04/11/14	12/07/12
2578	Sodium monoxide; (Sodium oxide)	12401-86-4	1275 subl			2.27		11/30/92	10/24/13	06/12/09
2579	Sodium nickel oxide (Liquid)	37367-09-2						12/08/02	06/05/14	12/31/11
2580	Sodium nickelate	z-0073						12/08/02	06/05/14	12/31/11
2581	Sodium nitrate	7631-99-4	380 dec			2.261		12/30/95	07/09/13	06/27/13
2582	Sodium nitrite	7632-00-0	> 320 dec			2.17		12/30/95	11/22/13	11/22/13
2583	Sodium o-benzyl-p-chlorophenate	3184-65-4						09/30/97	03/03/16	12/31/11
2584	Sodium orthovanadate	13721-39-6						12/08/02	07/15/14	07/15/14
2585	Sodium oxalate	62-76-0				2.34		08/21/96	12/15/15	12/15/15
2586	Sodium pentachlorophenate	131-52-2						06/13/02	09/23/13	12/31/11
2587	Sodium perchlorate	7601-89-0				2.02		08/07/98	09/23/13	12/31/11
2588	Sodium perchlorate monohydrate	7791-07-3				2.02		04/14/04	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)
2589	Sodium permanganate	10101-50-5	141.93	mg/m^3	5.80	Mn.O4.Na	S	
2590	Sodium peroxide	1313-60-6	77.98	mg/m^3	3.19	Na2O2	S	675
2591	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8	273.19	mg/m^3	11.17	NaO4Re	S	420
2592	Sodium persulfate	7775-27-1	238.1	mg/m^3	9.73	2Na.S2.O8	S	100 dec
2593	**Sodium phosphide**	**12058-85-4**	99.94	ppm	4.08	Na3.P	S	
2594	Sodium polyphosphate	68915-31-1	611.77	mg/m^3	25.00	Na6.O18.P6		
2595	Sodium polytungstate	12141-67-2	2986.13	mg/m^3	122.05	H2.O40.W12-6Na	S	
2596	Sodium potassium tartrate tetrahydrate	6381-59-5	282.22	mg/m^3	11.53	C4.H4.K.Na.O6.4H2O	S	90 - 100
2597	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
2598	Sodium p-tert-amylphenate; (4-(1,1-Dimethylpropyl)phenol, sodium salt)	31366-95-7	186.25	mg/m^3	7.61	C11H15NaO		
2599	Sodium pyrophosphate decahydrate	13472-36-1	446.1	mg/m^3	18.23	2Na.H2.O7.P2.10 H2O	S	
2600	Sodium pyrophosphate, di-	7758-16-9	221.94	mg/m^3	9.07	H2Na2O7P2	S	220 dec
2601	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6	110.04667	mg/m^3	4.50	C3.H3.O5.Na	S	300
2602	Sodium selenate; (Disodium selenate)	13410-01-0	188.94	mg/m^3	7.72	SeO4.2Na	S/L	
2603	Sodium selenite	10102-18-8	172.94	mg/m^3	7.07	SeO3.2Na	S	710
2604	Sodium silicate; (Sodium metasilicate)	6834-92-0	122.07	mg/m^3	4.99	Na2O3Si	L/S	1089
2605	Sodium stannate	12058-66-1	212.687736	mg/m^3	8.69	Na2-Sn-O3	S	
2606	Sodium stearate	822-16-2	306.52	mg/m^3	12.53	C18H36O2.Na	S	
2607	Sodium strontium phosphate	19553-80-1	205.58	mg/m^3	8.40	Na.Sr.PO4	S	
2608	Sodium succinate	150-90-3	162.06	ppm	6.62	Na2.C4.H4.O4	L	
2609	Sodium succinate, hexahydrate	6106-21-4	270.14	mg/m^3	11.04	2Na.C4.H4.O4. 6(H2.O)	L	
2610	Sodium sulfamate	13845-18-6	120.08	mg/m^3	4.91	H3.N.O3.S.Na	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
2589	Sodium permanganate	10101-50-5				1.972		07/11/07	05/19/14	12/31/11
2590	Sodium peroxide	1313-60-6	657 dec			2.805		11/30/92	10/24/13	06/12/09
2591	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8						01/10/01	09/23/13	12/31/11
2592	Sodium persulfate	7775-27-1				2.4		04/14/04	10/24/13	12/31/11
2593	**Sodium phosphide**	**12058-85-4**						09/05/08	02/13/15	02/13/12
2594	Sodium polyphosphate	68915-31-1						10/11/05	09/25/13	12/31/11
2595	Sodium polytungstate	12141-67-2						10/11/05	07/17/14	12/31/11
2596	Sodium potassium tartrate tetrahydrate	6381-59-5	200			1.77		04/14/04	09/25/13	12/31/11
2597	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	200			1.77		04/14/04	09/25/13	12/31/11
2598	Sodium p-tert-amylphenate; (4-(1,1-Dimethylpropyl)phenol, sodium salt)	31366-95-7						09/30/97	03/03/16	12/31/11
2599	Sodium pyrophosphate decahydrate	13472-36-1						04/14/04	10/11/13	10/02/13
2600	Sodium pyrophosphate, di-	7758-16-9				1.862		08/07/98	12/13/13	12/31/11
2601	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6						04/15/07	09/25/13	12/31/11
2602	Sodium selenate; (Disodium selenate)	13410-01-0				3.098		06/13/02	07/20/14	07/20/14
2603	Sodium selenite	10102-18-8						06/13/02	07/03/14	12/11/12
2604	Sodium silicate; (Sodium metasilicate)	6834-92-0				1.1 to 1.7 @ 15°C		08/07/98	12/16/13	12/16/13
2605	Sodium stannate	12058-66-1						12/08/02	07/03/14	12/31/11
2606	Sodium stearate	822-16-2						08/07/98	09/25/13	12/31/11
2607	Sodium strontium phosphate	19553-80-1						12/08/02	12/16/13	12/16/13
2608	Sodium succinate	150-90-3						12/08/02	03/10/15	12/31/11
2609	Sodium succinate, hexahydrate	6106-21-4						10/11/05	10/22/13	12/31/11
2610	Sodium sulfamate	13845-18-6	104.4	15		1.2 - 1.3		01/02/09	10/11/13	10/01/13

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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)
2611	Sodium sulfate, anhydrous	7757-82-6	142.04	mg/m^3	5.81	Na2O4S	S	888
2612	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5	56.06	mg/m^3	2.29	HNaS	S	350
2613	Sodium sulfide	1313-82-2	78.04	mg/m^3	3.19	Na2S	S deliq	1172
2614	Sodium sulfide nonahydrate	1313-84-4	240.22	mg/m^3	9.82	Na2.S.9H2O	S	~50
2615	Sodium sulfite	7757-83-7	126.04	mg/m^3	5.15	Na2O3S	S	dec
2616	Sodium tartrate dihydrate	6106-24-7	230.082	mg/m^3	9.40	C4.H8.Na2.O8	S	150 dehydrat
2617	Sodium tellurate	10101-83-4	237.58	mg/m^3	9.71	2Na.Te.O4	S	
2618	Sodium tellurite	10102-20-2	221.58	mg/m^3	9.06	Te.O3.2Na	S	
2619	Sodium tetrafluoroborate(1-)	13755-29-8	109.8	mg/m^3	4.49	B.F4.Na	S	322
2620	Sodium Tetrahydroxoaluminate	12251-53-5	118	mg/m^3	4.82	AlH4NaO4	S	
2621	Sodium tetraphenyl borate	143-66-8	342.23	mg/m^3	13.99	C24H20BNa	S	
2622	Sodium thiosulfate	7772-98-7	158.1	mg/m^3	6.46	Na2O3S2	S	
2623	Sodium thiosulfate pentahydrate	10102-17-7	248.2	mg/m^3	10.14	H10Na2O8S2	S	48
2624	Sodium titanate	12034-34-3	141.84	mg/m^3	5.80	Ti.Na2.O3	S	
2625	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
2626	Sodium triethylborohydride	17979-81-6	121.99	mg/m^3	4.99	(C2.H5)3Na.B.H	S	
2627	Sodium trihydrogen silicate	z-0076	118.096	mg/m^3	4.83	Na-H3-Si-O4	S	
2628	Sodium tripolyphosphate	7758-29-4	367.86	mg/m^3	15.03	Na5O10P3	Pwdr	622
2629	Sodium tungstate	13472-45-2	293.83	mg/m^3	12.01	Na2O4W	S	695
2630	Sodium tungstate dihydrate	10213-10-2	329.87	mg/m^3	13.48	2Na.W.O4.2 H2O	S	100 dec
2631	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3	742	mg/m^3	30.33	Na2.U2.O7.6(H2.O)	S	
2632	Sodium uranium oxide monohydrate; (Sodium uranate(VI) monohydrate)	10135-92-9	652.049	mg/m^3	26.65	Na2.U2.O7.H2.O	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
2611	Sodium sulfate, anhydrous	7757-82-6				2.671		08/21/96	10/07/13	10/07/13
2612	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5						01/04/99	09/30/13	12/31/11
2613	Sodium sulfide	1313-82-2				1.856		01/10/01	09/30/13	12/31/11
2614	Sodium sulfide nonahydrate	1313-84-4	1124 dec			1.427 @ 16°C		04/14/04	09/30/13	12/31/11
2615	Sodium sulfite	7757-83-7				2.633		08/07/98	09/30/13	07/27/12
2616	Sodium tartrate dihydrate	6106-24-7				1.8		04/15/07	10/03/13	10/03/13
2617	Sodium tellurate	10101-83-4						12/08/02	06/26/14	06/26/14
2618	Sodium tellurite	10102-20-2						06/13/02	06/27/14	06/27/14
2619	Sodium tetrafluoroborate(1-)	13755-29-8	dec			2.47		10/11/05	09/30/13	12/31/11
2620	Sodium Tetrahydroxoaluminate	12251-53-5						07/22/10	03/05/14	03/05/14
2621	Sodium tetraphenyl borate	143-66-8						04/20/07	09/30/13	12/31/11
2622	Sodium thiosulfate	7772-98-7	dec					07/09/97	02/05/16	07/27/12
2623	Sodium thiosulfate pentahydrate	10102-17-7				1.69		12/30/95	12/17/15	12/17/15
2624	Sodium titanate	12034-34-3						07/11/07	09/30/13	12/31/11
2625	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
2626	Sodium triethylborohydride	17979-81-6				0.866		07/11/07	02/04/14	02/04/14
2627	Sodium trihydrogen silicate	z-0076						12/08/02	09/30/13	12/31/11
2628	Sodium tripolyphosphate	7758-29-4						01/04/99	09/30/13	12/31/11
2629	Sodium tungstate	13472-45-2				4.179		01/04/99	07/17/14	07/17/14
2630	Sodium tungstate dihydrate	10213-10-2				3.25		04/14/04	07/17/14	07/17/14
2631	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3						12/08/02	07/07/14	12/31/11
2632	Sodium uranium oxide monohydrate; (Sodium uranate(VI) monohydrate)	10135-92-9						01/04/99	07/07/14	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)
2633	Sodium uranyl carbonate	128578-60-9	978	mg/m^3	39.97	C5Na6O19U2	S	
2634	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8	199.24	mg/m^3	8.14	2Na.Zr.O3	S	
2635	Sodium-Potassium	11135-81-2	38.55	mg/m^3	1.58	KNa	L/S	
2636	Solvent Yellow 3; (2-Amino-5-azotoluene)	97-56-3	225.32	mg/m^3	9.21	C14H15N3	L	100
2637	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
2638	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
2639	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	260.49	mg/m^3	10.65	Sn.Cl4	L	-33
2640	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	189.59	mg/m^3	7.75	Cl2Sn	S	246
2641	Stannous octoate	301-10-0	405.12	mg/m^3	16.56	C16.H30.O4.Sn	S	
2642	Staphylococcal enterotoxin (SEB); including 37337-57-8 (SEA)	11100-45-1		mg/m^3		Unspecified	S	
2643	**Stibine; (Antimony hydride)**	**7803-52-3**	124.78	ppm	5.10	H3Sb	G	-88
2644	Stilbene	588-59-0	180.26	mg/m^3	7.37	C14H12	S	124-125
2645	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	
2646	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	144	mg/m^3	5.89	[Unspecified]	L	-70
2647	Strontium	7440-24-6	87.62	mg/m^3	3.58	Sr	S	777
2648	Strontium carbonate	1633-05-2	147.629	mg/m^3	6.03	Sr-C-O3	S	1494
2649	Strontium chloride	10476-85-4	158.52	mg/m^3	6.48	Sr.Cl2	S	874
2650	Strontium hydroxide	18480-07-4	121.63	mg/m^3	4.97	Sr-(OH)2	S	
2651	Strontium nitrate	10042-76-9	211.63	mg/m^3	8.65	N2O6Sr	S	570
2652	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9	179.62	mg/m^3	7.34	Sr-(NO2)2	S	
2653	Strontium oxalate	814-95-9	175.64	mg/m^3	7.18	Sr-C2-O4	S	
2654	Strontium phosphate; (Strontium orthophosphate)	14414-90-5	452.8	mg/m^3	18.51	Sr3-(P-O4)2	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2633	Sodium uranyl carbonate	128578-60-9						12/08/02	07/07/14	07/07/14
2634	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8						12/08/02	07/31/14	12/31/11
2635	Sodium-Potassium	11135-81-2						07/09/97	10/24/13	
2636	Solvent Yellow 3; (2-Amino-5-azotoluene)	97-56-3			7.5E-07			06/13/02	09/30/13	07/30/12
2637	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5						10/11/05	12/17/15	12/17/15
2638	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
2639	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
2640	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	623			2.71		08/07/98	07/03/14	07/30/12
2641	Stannous octoate	301-10-0				1.251		07/11/07	07/03/14	12/31/11
2642	Staphylococcal enterotoxin (SEB); including 37337-57-8 (SEA)	11100-45-1						01/16/15		
2643	**Stibine; (Antimony hydride)**	**7803-52-3**	-18.4	>760		2.26 @ -25°C		01/04/99	03/02/15	08/27/14
2644	Stilbene	588-59-0	306-307			0.9707		08/07/98	09/30/13	12/31/11
2645	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
2646	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
2647	Strontium	7440-24-6	1382	7.5x10-3	523	2.64		09/30/97	06/19/14	06/19/14
2648	Strontium carbonate	1633-05-2	dec			3.5		12/08/02	06/26/14	01/13/14
2649	Strontium chloride	10476-85-4	1250			3.052		04/14/04	06/19/14	06/19/14
2650	Strontium hydroxide	18480-07-4						12/08/02	06/26/14	01/31/14
2651	Strontium nitrate	10042-76-9	645			2.99		12/30/95	06/19/14	06/19/14
2652	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9						12/08/02	06/27/14	02/06/14
2653	Strontium oxalate	814-95-9						12/08/02	06/19/14	01/31/14
2654	Strontium phosphate; (Strontium orthophosphate)	14414-90-5						12/08/02	06/26/14	12/20/13

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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)
2655	**Strontium phosphide**	**12504-13-1**	324.9	ppm	13.28	P2Sr3	S	
2656	Strontium sulfate	7759-02-6	185.7	mg/m^3	7.59	Sr-H2-SO4	S	1605
2657	Strychnine	57-24-9	334.41	mg/m^3	13.67	C21H22N2O2	S	287
2658	Strychnine sulfate (2:1)	60-41-3	383.49	mg/m^3	15.67	C21H22N2O2. 1/2H2O4S	S	200
2659	**Styrene**	**100-42-5**	104.15	ppm	4.26	C8H8	L	-30.65
2660	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	120.16	ppm	4.91	C8H8O	L	-36.7
2661	Styrene-allyl alcohol copolymer	25119-62-4		mg/m^3		(C8.H8.C3.H6.O)x	S	
2662	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	
2663	Styrenesulfonate), poly(sodium 4-	25704-18-1	70000	mg/m^3	2861.00	C8.H8.O3.S.Na)n	S	460 dec
2664	Succinic acid	110-15-6	118.1	mg/m^3	4.83	C4.H6.O4	S	185
2665	Succinic anhydride	108-30-5	100.08	mg/m^3	4.09	C4.H4.O3	S	119.6
2666	Succinimidyl-6-(beta-maleimidopropionamido)hexanoate; (SMPH)	z-0120		mg/m^3				
2667	Sulfamic acid	5329-14-6	97.09	mg/m^3	3.97	H3NO3S	S	~ 205 dec
2668	Sulfanilamide	63-74-1	172.22	mg/m^3	7.04	C6.H8.N2.O2.S	S	165.5
2669	Sulfanilic acid	121-57-3	173.2	mg/m^3	7.08	C6.H7.N.O3.S	S	288
2670	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3		mg/m^3		[Unspecified]	L	
2671	Sulfonylbis-ethanol, 2,2'-	2580-77-0	154.19	mg/m^3	6.30	C4.H10.O4.S	L	
2672	Sulfosalicylic acid	97-05-2	218.19	mg/m^3	8.92	C7H6O6S	S	120
2673	Sulfosalicylic acid, dihydrate, crystal	5965-83-3	254.2112	mg/m^3	10.39	C7.H10.O8.S	S	108-110
2674	Sulfotep; (TEDP)	3689-24-5	322.34	mg/m^3	13.17	C8H20O5P2S2	S	88
2675	**Sulfur dioxide**	**7446-09-5**	64.06	ppm	2.62	O2S	G	-75.5

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2655	**Strontium phosphide**	**12504-13-1**						09/05/08	02/13/15	02/13/12
2656	Strontium sulfate	7759-02-6				3.71-3.97		12/08/02	06/19/14	12/31/11
2657	Strychnine	57-24-9	270 @ 5 mmHg	0	20	1.36 @ 20°C		12/30/95	09/18/14	09/18/14
2658	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
2659	**Styrene**	**100-42-5**	145	7.5	28.6	0.9016	9000	11/30/92	02/13/15	08/26/07
2660	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	194.2	0.3	20	1.046		06/13/02	10/18/13	10/18/13
2661	Styrene-allyl alcohol copolymer	25119-62-4						10/11/05	09/30/13	12/31/11
2662	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
2663	Styrenesulfonate), poly(sodium 4-	25704-18-1				0.801		07/11/07	12/20/13	12/20/13
2664	Succinic acid	110-15-6	235			1.154 @ 15°C		04/14/04	09/30/13	12/31/11
2665	Succinic anhydride	108-30-5	261	1	92	1.104		04/14/04	10/07/13	10/07/13
2666	Succinimidyl-6-(beta-maleimidopropionamido)hexanoate; (SMPH)	z-0120						01/15/09	09/30/13	12/31/11
2667	Sulfamic acid	5329-14-6				2.15		09/30/97	03/03/16	12/31/11
2668	Sulfanilamide	63-74-1				1.08		04/14/04	10/25/13	10/25/13
2669	Sulfanilic acid	121-57-3				1.485		04/14/04	09/30/13	12/31/11
2670	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3						07/09/97	09/30/13	12/31/11
2671	Sulfonylbis-ethanol, 2,2'-	2580-77-0		23.5	20	1.236		01/03/08	09/30/13	12/31/11
2672	Sulfosalicylic acid	97-05-2						08/07/98	09/18/14	12/31/11
2673	Sulfosalicylic acid, dihydrate, crystal	5965-83-3						10/11/05	09/23/14	09/23/14
2674	Sulfotep; (TEDP)	3689-24-5	310	1.05E-04	20	1.19 @ 20°C		12/08/02	10/25/13	12/31/11
2675	**Sulfur dioxide**	**7446-09-5**	-10.05	750	-10.3	2.619		11/30/92	02/12/15	10/11/05

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2676	Sulfur hexafluoride	2551-62-4	146.06	ppm	5.97	F6S	G	-51
2677	**Sulfur monochloride**	**10025-67-9**	135.02	ppm	5.52	Cl2S2	L	-77
2678	Sulfur pentafluoride	5714-22-7	254.12	ppm	10.39	F10S2	L	-53
2679	Sulfur tetrafluoride	7783-60-0	108.06	ppm	4.42	F4S	G	-121
2680	**Sulfur trioxide**	**7446-11-9**	80.06	mg/m^3	3.27	O3S	L	
2681	**Sulfuric acid**	**7664-93-9**	98.08	mg/m^3	4.01	H2O4S	L	10.31
2682	Sulfuric acid-d2; (Deuterosulfuric acid)	13813-19-9	100.09	mg/m^3	4.09	D2.S.O4.D2.O	L	
2683	Sulfurous acid	7782-99-2	82.08	mg/m^3	3.35	H2-S-O3	L	
2684	**Sulfuryl chloride**	**7791-25-5**	134.96	ppm	5.52	Cl2.O2.S	L	-54.1
2685	**Sulfuryl fluoride**	**2699-79-8**	102.06	ppm	4.17	F2O2S	G	-137
2686	Tall oil (alkyd resin)	68333-62-0		mg/m^3		[Unspecified]	L	
2687	Tantalum	7440-25-7	180.948	mg/m^3	7.40	Ta	S	2996
2688	Tantalum carbide	12070-06-3	192.96	mg/m^3	7.89	Ta.C	S	3875
2689	Tantalum(V) ethoxide	6074-84-6	406.251	mg/m^3	16.60	C10.H25.O5.Ta	L	20
2690	Tantalum(V) fluoride	7783-71-3	275.95	mg/m^3	11.28	F5Ta	S	96.8
2691	Tantalum(V) oxide	1314-61-0	441.9	mg/m^3	18.06	O5Ta2	S	1872
2692	Tartaric acid	87-69-4	150.1	mg/m^3	6.13	C4H6O6	S	170-172
2693	Tartaric acid, monopotassium salt	868-14-4	188.19	mg/m^3	7.69	C4.H5.O6-K	S	
2694	Tartaric acid, monosodium salt	526-94-3	172.08	mg/m^3	7.03	C4.H5.O6.Na		
2695	TCDD; (2,3,7,8-Tetrachlorodibenzo-p-dioxin; Dioxin)	1746-01-6	321.97	mg/m^3	13.16	C12H4Cl4O2	S	295
2696	Technetium(IV) oxide	12036-16-7	130	mg/m^3	5.31	TcO2	S	
2697	Tellurium	13494-80-9	127.6	mg/m^3	5.22	Te	S	449.51

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2676	Sulfur hexafluoride	2551-62-4	1000 decomp	100		1.67 @ -100°C		03/01/00	05/04/12	05/04/12
2677	**Sulfur monochloride**	**10025-67-9**	138	10	27.5	1.6885 @ 15.5°C		03/01/00	02/17/15	11/30/06
2678	Sulfur pentafluoride	5714-22-7	26.7	561	25	2.08 @ 0°C		12/08/02	01/17/13	12/11/12
2679	Sulfur tetrafluoride	7783-60-0	-38			1.95 @ -78°C		03/01/00	11/14/14	01/17/13
2680	**Sulfur trioxide**	**7446-11-9**						01/04/99	02/17/15	11/30/06
2681	**Sulfuric acid**	**7664-93-9**	337	7.5x10-3	72	1.8302		11/30/92	02/17/15	11/30/06
2682	Sulfuric acid-d2; (Deuterosulfuric acid)	13813-19-9				1.86		07/11/07	10/25/13	06/12/09
2683	Sulfurous acid	7782-99-2				1.03		12/08/02	12/16/15	12/16/15
2684	**Sulfuryl chloride**	**7791-25-5**	69.1	100	17.8	1.6674		10/11/05	02/12/15	01/04/09
2685	**Sulfuryl fluoride**	**2699-79-8**	-55	12000	21	1.7 @ -55°C		12/08/02	02/17/15	
2686	Tall oil (alkyd resin)	68333-62-0						09/30/97	03/03/16	12/31/11
2687	Tantalum	7440-25-7	5429			16.69		04/14/04	06/24/13	02/16/12
2688	Tantalum carbide	12070-06-3	5500			14.5		04/14/04	06/24/14	12/31/11
2689	Tantalum(V) ethoxide	6074-84-6	151			1.56		10/11/05	06/24/14	06/24/14
2690	Tantalum(V) fluoride	7783-71-3	229.5	100	130	4.74		08/07/98	06/24/14	12/31/11
2691	Tantalum(V) oxide	1314-61-0				8.2		08/07/98	06/24/14	07/31/12
2692	Tartaric acid	87-69-4				1.76		08/07/98	10/01/13	12/31/11
2693	Tartaric acid, monopotassium salt	868-14-4				1.954		10/11/05	10/01/13	12/31/11
2694	Tartaric acid, monosodium salt	526-94-3						10/11/05	10/01/13	12/31/11
2695	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
2696	Technetium(IV) oxide	12036-16-7						12/08/02	10/01/13	12/31/11
2697	Tellurium	13494-80-9	988	0.75	502	6.232		12/30/95	06/24/14	07/31/12

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2698	Tellurium chloride	10026-07-0	269.4	mg/m^3	11.01	Cl4Te	?	224
2699	**Tellurium hexafluoride**	**7783-80-4**	241.59	ppm	9.87	F6Te	G	-37.6
2700	Tellurium oxide; (Tellurium dioxide)	7446-07-3	159.6	mg/m^3	6.52	O2Te	S	733
2701	Tellurous acid	10049-23-7	177.614	mg/m^3	7.26	H2-Te-O3	V	
2702	Terbium	7440-27-9	158.9254	mg/m^3	6.50	Tr	S	1356
2703	Terbium oxide	12036-41-8	365.849	mg/m^3	14.95	Tb2-O3	S	2410
2704	Terbium(III,IV) oxide	12037-01-3	747.6974	mg/m^3	30.56	Tb4.O7	S	2340
2705	Terbufos	13071-79-9	288.45	mg/m^3	11.79	C9.H21.O2.P.S3	L	-29
2706	Terephthalic acid	100-21-0	166.14	mg/m^3	6.79	C8.H6.O4	S	
2707	Terephthaloyl chloride; (Benzenedicarbonyl dichloride, 1,4-)	100-20-9	203.02	mg/m^3	8.30	C8H4O2.Cl2	S	83-84
2708	Terphenyl, p-	92-94-4	230.32	mg/m^3	9.41	C18H14	S	212-213
2709	Terphenyls; (Diphenylbenzene)	26140-60-3	230.32	mg/m^3	9.41	C18H14	S	
2710	Tert-butyl benzoic acid, p-	98-73-7	178.25	mg/m^3	7.29	C11.H14.O2	S	164.5
2711	Tert-butyllithium	594-19-4	64.06	mg/m^3	2.62	C4.H9.Li	S subl @0.1C	
2712	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	150.24	mg/m^3	6.14	C10.H14.O	S	99
2713	Tert-butylpyridine, 4-	3978-81-2	135.2084	mg/m^3	5.53	C9.H13.N	L	-41
2714	Tetanus toxin	676570-37-9	150 kDa	mg/m^3			S	
2715	Tetraamminepalladium(II) nitrate	13601-08-6	298.54	mg/m^3	12.20	[(H3N)4Pd]9NO3)2	S	
2716	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	345.68	ppm	14.13	C2H2Br4	L	-1
2717	Tetrabutyl ammonium phosphate	5574-97-0	339.46	mg/m^3	13.87	C16H38NO4P		
2718	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	340.32	ppm	13.91	C6H36O4Ti	L	-55
2719	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	

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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
2698	Tellurium chloride	10026-07-0	380			3.26		01/04/99	06/24/14	07/31/12
2699	**Tellurium hexafluoride**	**7783-80-4**	-38.9 subl	760	20	9.875		12/30/95	09/15/15	09/15/15
2700	Tellurium oxide; (Tellurium dioxide)	7446-07-3	1245			5.9		08/21/96	06/24/14	07/31/12
2701	Tellurous acid	10049-23-7						12/08/02	10/24/13	12/31/11
2702	Terbium	7440-27-9	3230			8.234		07/11/07	10/01/13	12/31/11
2703	Terbium oxide	12036-41-8				7.91		12/08/02	10/01/13	12/31/11
2704	Terbium(III,IV) oxide	12037-01-3						10/11/05	10/01/13	12/31/11
2705	Terbufos	13071-79-9	315	0.0003	25	1.105 @ 24°C		12/08/02	10/01/13	12/11/12
2706	Terephthalic acid	100-21-0	300 subl			1.51		04/14/04	10/01/13	12/11/12
2707	Terephthaloyl chloride; (Benzenedicarbonyl dichloride, 1,4-)	100-20-9	266					06/13/02	10/25/13	10/25/13
2708	Terphenyl, p-	92-94-4	259 @ 45 mm			1.234		08/07/98	10/01/13	12/31/11
2709	Terphenyls; (Diphenylbenzene)	26140-60-3						12/08/02	10/01/13	12/31/11
2710	Tert-butyl benzoic acid, p-	98-73-7				1.142 @ 20°C		10/11/05	01/18/13	12/11/12
2711	Tert-butyllithium	594-19-4	Subl @ 0.1 C					07/11/07	10/01/13	12/31/11
2712	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	236-238	1	70	1.037		10/11/05	10/01/13	01/25/12
2713	Tert-butylpyridine, 4-	3978-81-2	196.5			0.915		07/11/07	10/01/13	12/31/11
2714	Tetanus toxin	676570-37-9						01/07/15		
2715	Tetraamminepalladium(II) nitrate	13601-08-6						12/08/02	10/01/13	12/31/11
2716	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	151 @ 54 mm			2.9638		01/04/99	10/25/13	10/25/13
2717	Tetrabutyl ammonium phosphate	5574-97-0						09/30/97	03/03/16	03/03/16
2718	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	292.4			0.998		11/15/96	01/20/16	12/31/11
2719	Tetrabutylammonium fluoride; (N,N,N-Tributyl-1-butanaminium, fluoride)	429-41-4				0.953		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)
2720	Tetrabutylammonium hydroxide	2052-49-5	259.54	mg/m^3	10.61	C16.H36.N.H.O	L	25-40?
2721	Tetrabutylammonium nitrate	1941-27-1	304.54	mg/m^3	12.45	C16.H36.N.N.O3	S hygr	118-120
2722	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	203.82	ppm	8.33	C2.Cl4.F2	L/S	24.65
2723	Tetrachlorobenzene, 1,2,3,4-	634-66-2	215.88	mg/m^3	8.82	C6H2Cl4	S	46-47
2724	Tetrachlorobenzene, 1,2,4,5-	95-94-3	215.89	mg/m^3	8.82	C6H2Cl4	S	139.5
2725	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9	305.97	mg/m^3	12.51	C12H4Cl4O2	S	227
2726	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5	321.96	mg/m^3	13.16	C12H4Cl4O2	S	
2727	Tetrachloroethane (mixed isomers)	25322-20-7	167.85	ppm	6.86	C2H2Cl4		
2728	Tetrachloroethane, 1,1,1,2-	630-20-6	167.85	ppm	6.86	C2H2Cl4	L	-70.2
2729	Tetrachloroethane, 1,1,2,2-	79-34-5	167.85	ppm	6.86	C2H2Cl4	L	-42.4
2730	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8	303.84	ppm	12.42	C4Cl4F6	G	
2731	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	169.89	ppm	6.94	Cl4Si	L	-70
2732	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	624.0936	mg/m^3	25.51	C14-F24	L	
2733	Tetracyanoquinodimethane	1518-16-7	204.2	mg/m^3	8.35	C12H4N4	S	293.5 subl
2734	Tetracycline hydrochloride	64-75-5	280.94	mg/m^3	11.48	C22H24N2O8.ClH	S	170-175
2735	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	338.06	ppm	13.82	C6.F14	L	-88.2
2736	Tetradecane; (n-Tetradecane)	629-59-4	198.44	ppm	8.11	C14-H30	L	5.5
2737	Tetradecanoic acid; (Myristic acid)	544-63-8	228.36	mg/m^3	9.33	C14-H28-O2	S	54
2738	Tetradecyltrimethylammonium bromide	1119-97-7	336.47	mg/m^3	13.75	C17.H38.N-Br	S	245-250
2739	Tetraethyl lead	78-00-2	323.47	mg/m^3	13.22	C8H20Pb	L	125-150
2740	**Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)**	**78-10-4**	208.33	ppm	8.51	C8H20O4Si	L	-82.5
2741	Tetraethyl pyrophosphate; (TEPP)	107-49-3	290.22	mg/m^3	11.86	C8.H20.O7.P2	L	0

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2720	Tetrabutylammonium hydroxide	2052-49-5				0.968		04/14/04	10/01/13	08/01/12
2721	Tetrabutylammonium nitrate	1941-27-1						04/14/04	10/01/13	12/31/11
2722	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	92.8			1.6447		07/11/07	10/01/13	12/31/11
2723	Tetrachlorobenzene, 1,2,3,4-	634-66-2	254	0.039	25	1.7		01/10/01	10/08/13	10/08/13
2724	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
2725	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9						09/30/97	03/18/116	03/18/16
2726	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5						01/04/99	10/01/13	12/31/11
2727	Tetrachloroethane (mixed isomers)	25322-20-7		1.33x10+1	25			09/30/97	03/10/15	08/01/12
2728	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
2729	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
2730	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8						12/08/02	10/01/13	12/31/11
2731	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	57.57			1.482		01/04/99	02/12/15	
2732	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	217					04/14/04	10/01/13	12/31/11
2733	Tetracyanoquinodimethane	1518-16-7						01/10/01	10/01/13	12/31/11
2734	Tetracycline hydrochloride	64-75-5	214 decom					06/13/02	12/16/15	12/16/15
2735	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	56.6			1.6995 @ 20°C		10/11/05	10/01/13	12/31/11
2736	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
2737	Tetradecanoic acid; (Myristic acid)	544-63-8	326.2			0.8622 @ 54°C		12/08/02	10/01/13	12/31/11
2738	Tetradecyltrimethylammonium bromide	1119-97-7						10/11/05	10/01/13	12/31/11
2739	Tetraethyl lead	78-00-2	198-202	1	38.4	1.65918	18000	08/07/98	04/28/15	04/28/15
2740	**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
2741	Tetraethyl pyrophosphate; (TEPP)	107-49-3	310	0.00047	25	1.2		12/08/02	10/24/13	12/31/11

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2742	Tetraethylammonium chloride	56-34-8	165.74	mg/m^3	6.77	C8.H20.N.Cl	S hygr.	39
2743	Tetraethylene glycol	112-60-7	194.26	mg/m^3	7.94	C8.H18.O5	L	-6
2744	Tetraethylene glycol diacrylate	17831-71-9	302.36	mg/m^3	12.36	C14.H22.O7	S	112
2745	Tetraethylenepentamine	112-57-2	189.36	mg/m^3	7.74	C8H23N5	L	-40
2746	Tetraethyltin; (Tetraethylstannane)	597-64-8	234.97	mg/m^3	9.60	Sn.C8H20	L	-112
2747	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	102.031	ppm	4.17	C2.H2.F4	G	-89
2748	**Tetrafluoroethylene**	**116-14-3**	100.02	ppm	4.09	C2F4	G	-131.15
2749	Tetrafluorohydrazine	10036-47-2	104	ppm	4.25	F2NNF2	G	-163
2750	Tetrahydro-2,5-dimethyl furan	1003-38-9	100.2	mg/m^3	4.10	C6H12O	L	
2751	Tetrahydrodimethylfuran	1320-94-1	100.18	mg/m^3	4.09	C6H12O		
2752	**Tetrahydrofuran**	**109-99-9**	72.11	ppm	2.95	C4H8O	L	-108.44
2753	Tetrahydrofuran-d8	1693-74-9	80.1554	ppm	3.28	C4.D8.O	L	-106
2754	Tetrahydromethyl-1,3-isobenzofurandione, 3A,4,7,7A-; (Methyltetrahydrophthalic anhydride)	26590-20-5	166.19	mg/m^3	6.79	C9.H10.O3	S	
2755	Tetrahydronaphthalene, 1,2,3,4-; (Tetralin)	119-64-2	132.22	ppm	5.40	C10.H12	L	-31
2756	Tetrahydropyridine, 1,2,3,6-	694-05-3	83.13	ppm	3.40	C5.H9.N	L	-48
2757	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	164.2	mg/m^3	6.71	C7.H16.O4	S	
2758	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	152.22	ppm	6.22	C4H12O4Si	L	-1
2759	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7	89.02	mg/m^3	3.64	C4.H12.N.B.H4	S	150
2760	Tetramethyl ethylene diamine	110-18-9	116.24	ppm	4.75	C6.H16.N2	L	-55
2761	Tetramethyl lead	75-74-1	267.35	mg/m^3	10.93	C4H12Pb	L	-27.5
2762	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7	144.3	mg/m^3	5.90	C8H20N2	L	
2763	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	184.28	mg/m^3	7.53	C11.H20.O2	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2742	Tetraethylammonium chloride	56-34-8				1.08		10/11/05	10/01/13	08/01/12
2743	Tetraethylene glycol	112-60-7	327.3	1	153.9	1.1248 @ 20°C		04/14/04	10/01/13	12/31/11
2744	Tetraethylene glycol diacrylate	17831-71-9				1.125		07/11/07	01/18/13	01/18/13
2745	Tetraethylenepentamine	112-57-2	333	<0.01	20	0.998		01/04/99	03/10/15	12/31/11
2746	Tetraethyltin; (Tetraethylstannane)	597-64-8	181	2	25	1.187 @ 23°C		06/13/02	07/03/14	01/14/13
2747	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	-19.9					07/11/07	09/26/14	06/13/09
2748	**Tetrafluoroethylene**	**116-14-3**	-75.9	750	-75.8	1.519 @ -76°C	100000	11/30/92	08/27/15	08/27/15
2749	Tetrafluorohydrazine	10036-47-2	-73			1.5 @ -100°C		12/08/02	10/02/13	08/19/12
2750	Tetrahydro-2,5-dimethyl furan	1003-38-9						03/01/00	04/30/15	12/31/11
2751	Tetrahydrodimethylfuran	1320-94-1						04/30/15		
2752	**Tetrahydrofuran**	**109-99-9**	65	75	9	0.8833	20000	12/30/95	03/04/15	10/11/05
2753	Tetrahydrofuran-d8	1693-74-9	65-66			0.985	20000	07/11/07	03/04/15	06/13/09
2754	Tetrahydromethyl-1,3-isobenzofurandione, 3A,4,7,7A-; (Methyltetrahydrophthalic anhydride)	26590-20-5				1.2		08/29/08	10/02/13	12/31/11
2755	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
2756	Tetrahydropyridine, 1,2,3,6-	694-05-3	108			0.911		10/11/05	10/02/13	10/02/13
2757	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	183			0.997		07/11/07	10/24/13	10/02/13
2758	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	121	7.5	14.4	1.0232 @ 20°C		09/30/97	02/12/15	01/14/13
2759	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7				0.813		10/11/05	10/02/13	12/31/11
2760	Tetramethyl ethylene diamine	110-18-9	120 - 122			0.77		04/14/04	10/02/13	12/31/11
2761	Tetramethyl lead	75-74-1	110	0.2	20	1.99		03/01/00	04/28/15	04/28/15
2762	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7						01/04/99	10/02/13	12/31/11
2763	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

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2764	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
2765	Tetramethylammonium chloride	75-57-0	109.62	mg/m^3	4.48	C4.H12.N.Cl	S hygr.	> 300
2766	Tetramethylammonium hydroxide	75-59-2	91.18	mg/m^3	3.73	C4H13NO	L	
2767	Tetramethylammonium hydroxide pentahydrate	10424-65-4	181.23	mg/m^3	7.41	C4.H23.N.O6	S	65
2768	Tetramethylammonium silicate	53116-81-7	211.32	mg/m^3	8.64	(C.H3)4.N(O.H).2Si.O2	L soln	
2769	Tetramethylbenzene, 1,2,3,5-	527-53-7	134.24	mg/m^3	5.49	C10.H14	L	-24
2770	Tetramethylbenzene, 1,2,4,5-	95-93-2	134.24	mg/m^3	5.49	C10.H14	S	79.3
2771	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7	240.38	mg/m^3	9.82	C16.H20.N2	S	168-169.5
2772	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
2773	Tetramethylsilane	75-76-3	88.23	ppm	3.61	C4H12Si	L/S	-99
2774	**Tetranitromethane**	**509-14-8**	196.03	ppm	8.01	CN4O8	L	13.8
2775	Tetraoxadodecane, 2,5,8,11-	112-49-2	178.26	ppm	7.29	C8.H18.O4	L	-45
2776	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	
2777	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8	418.81	mg/m^3	17.12	C24H20AsCl	S	258-260
2778	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2	444.64	mg/m^3	18.17	C10-H12-N2-O8.4K	S	
2779	Tetrapropoxysilane	682-01-9	264.43	mg/m^3	10.81	C12.H28.O4.Si	L	
2780	Tetrapropylammonium hydroxide	4499-86-9	203.42	mg/m^3	8.31	C12H29NO		
2781	Tetrapropylorthotitanate	3087-37-4	284.2178	mg/m^3	11.62	C12.H28.O4.Ti	S	206 @ 100mm
2782	Tetrasodium pyrophosphate	7722-88-5	265.9	mg/m^3	10.87	Na4O7P2	S	993
2783	Tetrazole, 1H-	288-94-8	70.05	mg/m^3	2.86	C.H2.N4	S	156-158
2784	Tetrodotoxin; (fugu poison)	4368-28-9	319.13	mg/m^3	13.04	C24H34O9	S	225
2785	Thallium	7440-28-0	204.38	mg/m^3	8.35	Tl	S	304

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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
2764	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
2765	Tetramethylammonium chloride	75-57-0						04/14/04	10/02/13	12/31/11
2766	Tetramethylammonium hydroxide	75-59-2				1		01/04/99	03/10/15	12/17/12
2767	Tetramethylammonium hydroxide pentahydrate	10424-65-4						10/11/05	10/24/13	01/09/13
2768	Tetramethylammonium silicate	53116-81-7				1.07		07/11/07	10/02/13	12/31/11
2769	Tetramethylbenzene, 1,2,3,5-	527-53-7	197			0.896		06/26/07	09/08/14	01/09/12
2770	Tetramethylbenzene, 1,2,4,5-	95-93-2	196			0.838 @ 81°C		10/11/05	09/08/14	02/16/12
2771	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7						07/11/07	09/08/14	12/31/11
2772	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	285			1.261		07/11/07	01/14/13	01/14/13
2773	Tetramethylsilane	75-76-3	26-28			0.648		06/13/02	02/06/15	02/06/15
2774	**Tetranitromethane**	**509-14-8**	126.1	7.5	18	1.6380 @ 20°C		12/30/95	02/12/15	12/31/11
2775	Tetraoxadodecane, 2,5,8,11-	112-49-2	216			0.986		10/11/05	10/08/13	10/08/13
2776	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
2777	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8						01/04/99	01/27/14	01/27/14
2778	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2						12/08/02	12/20/13	12/20/13
2779	Tetrapropoxysilane	682-01-9	94			0.913		07/11/07	10/02/13	10/02/13
2780	Tetrapropylammonium hydroxide	4499-86-9				1.012		08/07/98	10/02/13	01/09/13
2781	Tetrapropylorthotitanate	3087-37-4	170 @ 38C			1.04		10/11/05	10/02/13	12/31/11
2782	Tetrasodium pyrophosphate	7722-88-5				2.534		08/07/98	11/27/13	12/31/11
2783	Tetrazole, 1H-	288-94-8						07/11/07	10/02/13	12/31/11
2784	Tetrodotoxin; (fugu poison)	4368-28-9						01/19/15		
2785	Thallium	7440-28-0	1473	7.5x10-3	609	11.8		12/30/95	12/16/15	12/16/15

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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)
2786	Thallium chloride; (Thallium(I) chloride)	7791-12-0	239.84	mg/m^3	9.80	ClTl	S	431
2787	Thallium hydroxide	12026-06-1	221.39	mg/m^3	9.05	Tl-OH	S	139 dec
2788	Thallium nitrite	13826-63-6	250.38	mg/m^3	10.23	Tl-N-O2	S	
2789	Thallium oxide; (Thallous oxide)	1314-12-1	424.77	mg/m^3	17.36	OTl2	S	579
2790	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	1526.25	mg/m^3	62.38	Tlx.SO4	S	632
2791	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8	263.42	mg/m^3	10.77	Tl.C2H3O2	S	131
2792	Thallium(I) carbonate (2:1)	6533-73-9	468.78	mg/m^3	19.16	CO3Tl2	S	273
2793	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	504.8	mg/m^3	20.63	Tl2.SO4	S	632
2794	Thallium(III) oxide; (Thallium sesquioxide; Thallic oxide)	1314-32-5	456.77	mg/m^3	18.67	O3Tl2	S	834
2795	Thallium(III) perchlorate hexahydrate	15596-83-5	610.83	mg/m^3	24.97	Tl.(Cl.O4)3.6H2.O	S	
2796	Thallous malonate	2757-18-8	510.79	mg/m^3	20.88	2Tl.C3H2O4	S	
2797	Thallous nitrate; (Thallium nitrate; Thallium(I) nitrate)	10102-45-1	266.39	mg/m^3	10.89	NO3Tl	S	206
2798	Thenoyltrifluoroacetone	326-91-0	221.19	mg/m^3	9.04	C8H5F3O2S		42.8
2799	Thioacetamide	62-55-5	75.13	mg/m^3	3.07	C2H5NS	S	115.5
2800	Thioacetic acid	507-09-5	76.12	ppm	3.11	C2.H4.O.S	L fuming	<-17
2801	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	315.22	mg/m^3	12.88	C14.H12.Cl2.O2.S	S	
2802	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4	106.17	mg/m^3	4.34	CH6N4S	S	164
2803	Thiocresol, p-; (p-Toluenethiol)	106-45-6	124.21	mg/m^3	5.08	C7.H8.S	S	43-44
2804	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
2805	Thiodiglycol	111-48-8	122.2	mg/m^3	4.99	C4H10O2S	L	-16
2806	Thiofanox; (Dacamox)	39196-18-4	218.32	mg/m^3	8.92	C9H18N2O2S	S	57
2807	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	248.26	mg/m^3	10.15	C8H13N2O3PS	L	-1.7

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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
2786	Thallium chloride; (Thallium(I) chloride)	7791-12-0	720	7.5	504	7		11/15/96	01/20/16	12/31/11
2787	Thallium hydroxide	12026-06-1				7.44		12/08/02	06/23/14	12/31/11
2788	Thallium nitrite	13826-63-6				5.7		12/08/02	06/23/14	12/31/11
2789	Thallium oxide; (Thallous oxide)	1314-12-1	~1080			9.52		12/08/02	06/23/14	12/31/11
2790	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	decom			6.77		06/13/02	06/23/14	12/31/11
2791	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8				3.68		06/13/02	06/23/14	10/08/13
2792	Thallium(I) carbonate (2:1)	6533-73-9		<1E-6	25	7.11		11/15/96	01/20/16	12/31/11
2793	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	decom			6.77		06/13/02	06/24/14	12/31/11
2794	Thallium(III) oxide; (Thallium sesquioxide; Thallic oxide)	1314-32-5				10.2		12/30/95	06/24/14	10/08/13
2795	Thallium(III) perchlorate hexahydrate	15596-83-5						04/14/04	06/24/14	06/24/14
2796	Thallous malonate	2757-18-8						06/13/02	06/24/14	12/31/11
2797	Thallous nitrate; (Thallium nitrate; Thallium(I) nitrate)	10102-45-1	450 dec			5.55		09/30/97	06/24/14	07/04/13
2798	Thenoyltrifluoroacetone	326-91-0	97 @ 8 mmHg					12/30/95	10/02/13	12/31/11
2799	Thioacetamide	62-55-5						12/30/95	10/02/13	12/31/11
2800	Thioacetic acid	507-09-5	93			1.064		07/11/07	10/02/13	01/23/12
2801	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	443	0.0000001	25			12/08/02	01/14/13	01/14/13
2802	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4						06/13/02	07/04/13	07/04/13
2803	Thiocresol, p-; (p-Toluenethiol)	106-45-6	195	0.807	25	1.2475 @ 55°C		10/24/07	10/02/13	12/31/11
2804	Thiocyanic acid, compound with guanidine (1:1); (Guanidine thiocyanate salt)	593-84-0						04/14/04	10/02/13	12/31/11
2805	Thiodiglycol	111-48-8	164-166 @ 20mm			1.1847 @ 20°C		01/10/01	10/02/13	12/31/11
2806	Thiofanox; (Dacamox)	39196-18-4		1.7x10-4	25			08/21/96	01/14/13	01/14/13
2807	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	80	0.003	30	1.204-1.210		12/08/02	01/09/13	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)
2808	**Thionyl chloride**	**7719-09-7**	118.96	ppm	4.86	Cl2OS	L	-105
2809	Thiophosphoryl chloride	3982-91-0	169.38	mg/m^3	6.92	Cl3.P.S	L	-35
2810	Thiosemicarbazide; (1-Amino-2-thiourea)	79-19-6	91.14	mg/m^3	3.73	CH5N3S	S	183
2811	Thiourea	62-56-6	76.12	mg/m^3	3.11	CH4N2S	S	178
2812	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	240.44	mg/m^3	9.83	C6H12N2S4	S	156
2813	Thorium	7440-29-1	232	mg/m^3	9.48	Th	S	1750
2814	Thorium hydroxide	13825-36-0	300.07	mg/m^3	12.26	Th(OH)4	S	
2815	Thorium nitrite	z-0079	416.03	mg/m^3	17.00	Th(NO2)4	S	
2816	Thorium oxalate	2040-52-0	444.03	mg/m^3	18.15	Th.C4.O8.2(H2.O)	S	300-400 dec.
2817	Thorium oxide; (Thorium dioxide)	1314-20-1	264	mg/m^3	10.79	O2Th	S	3390
2818	Thorium perchlorate	16045-17-3	331.49	mg/m^3	13.55	Th.Cl.O4	S	
2819	Thorium(IV) nitrate	13823-29-5	480.04	mg/m^3	19.62	N4O12Th	S	500 dec
2820	Thulium	7440-30-4	168.93	mg/m^3	6.90	Tm	S	1545
2821	Thulium chloride	13537-18-3	275.28	mg/m^3	11.25	Cl3Tm	S	824
2822	Thulium oxide	12036-44-1	385.87	mg/m^3	15.77	O3Tm2	S	2425
2823	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
2824	Thyodene; (Amylodextrin)	9005-84-9		mg/m^3		[Unknown]	S	
2825	Tin	7440-31-5	118.71	mg/m^3	4.85	Sn	S	231.9
2826	Tin fluoroborate	13814-97-6	292.3	mg/m^3	11.95	B2.F8.Sn	S	
2827	Tin hydroxide	12026-24-3	152.73	mg/m^3	6.24	Sn-(OH)2	S	
2828	Tin nitrate	41480-79-9	242.68	mg/m^3	9.92	Sn-(N-O3)2	S	
2829	Tin nitrite	100737-27-7	210.69	mg/m^3	8.61	Sn-(N-O2)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
2808	**Thionyl chloride**	**7719-09-7**	78.8	100	21.4	1.640 @ 15.5°C		03/01/00	02/17/15	
2809	Thiophosphoryl chloride	3982-91-0	125	16,35	25	1.635		07/11/07	07/04/13	07/04/13
2810	Thiosemicarbazide; (1-Amino-2-thiourea)	79-19-6						12/30/95	01/14/13	01/14/13
2811	Thiourea	62-56-6	dec	2.8x10-3	25	1.405		12/30/95	01/09/13	01/09/13
2812	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	129 @ 20ºC	0.000017	25	1.3		06/13/02	04/10/14	10/25/13
2813	Thorium	7440-29-1	4500			11.72		08/07/98	04/06/16	12/12/11
2814	Thorium hydroxide	13825-36-0						12/08/02	06/21/14	12/12/11
2815	Thorium nitrite	z-0079						12/08/02	06/21/14	12/12/11
2816	Thorium oxalate	2040-52-0				4.637 @ 16°C		10/11/05	06/21/14	12/12/11
2817	Thorium oxide; (Thorium dioxide)	1314-20-1	4400			9.7		08/07/98	04/06/16	12/12/11
2818	Thorium perchlorate	16045-17-3						10/11/05	06/21/14	12/12/11
2819	Thorium(IV) nitrate	13823-29-5						08/07/98	04/14/16	12/12/11
2820	Thulium	7440-30-4	1950			9.32		04/15/07	10/02/13	12/31/11
2821	Thulium chloride	13537-18-3	1440					08/07/98	10/02/13	12/31/11
2822	Thulium oxide	12036-44-1				8.6		08/07/98	10/02/13	12/31/11
2823	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
2824	Thyodene; (Amylodextrin)	9005-84-9						01/10/01	10/02/13	12/31/11
2825	Tin	7440-31-5	2602	7.5x10-3	1224	5.769		11/15/96	01/15/16	12/12/11
2826	Tin fluoroborate	13814-97-6						09/05/08	07/04/14	12/31/11
2827	Tin hydroxide	12026-24-3						12/08/02	07/04/14	12/31/11
2828	Tin nitrate	41480-79-9						12/08/02	07/04/14	12/31/11
2829	Tin nitrite	100737-27-7						01/03/08	07/04/14	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)
2830	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	225.63	mg/m^3	9.22	Sn.Cl.2H2.O	S	37.7
2831	Tin(II) oxide	1332-29-2	150.69	mg/m^3	6.16	Sn-O2	S	1630
2832	Tin(II) sulfate; (Stannous sulfate)	7488-55-3	214.75	mg/m^3	8.78	Sn.S.O4	S	378 dec
2833	Tin(IV) isopropoxide	1184-61-8	415.1534	mg/m^3	16.97	C15.H36.O5.Sn	S	
2834	Tin(IV) oxide; (Stannic oxide)	18282-10-5	150.69	mg/m^3	6.16	Sn.O2	S	1630
2835	Titanium	7440-32-6	47.87	mg/m^3	1.96	Ti	S	1668
2836	Titanium aluminide	39410-63-4	74.8614	mg/m^3	3.06	Ti.Al	S	
2837	Titanium boride	12045-63-5	69.5	mg/m^3	2.84	Ti.B2	S	2593 - 2980
2838	Titanium carbide	12070-08-5	59.91	mg/m^3	2.45	Ti.C	S	3067
2839	Titanium chloride	7705-07-9	154.25	mg/m^3	6.30	Cl3Ti	L	-30
2840	Titanium hydride	7704-98-5	49.92	mg/m^3	2.04	Ti.H2		
2841	Titanium oxide; (Titanium dioxide)	13463-67-7	79.9	mg/m^3	3.27	O2Ti	S	1843
2842	**Titanium tetrachloride**	**7550-45-0**	189.68	ppm	7.75	Cl4Ti	L	-24.12
2843	Titanium(II) oxide	12137-20-1	63.88	mg/m^3	2.61	OTi	S	
2844	Titanium(III) fluoride	13470-08-1	104.88	mg/m^3	4.29	TiF3	S	1200
2845	Titanium-based alloy; (Titanium compounds)	z-0081		mg/m^3		[Unspecified]	S	
2846	**Toluene**	**108-88-3**	92.14	ppm	3.77	C7H8	L	-94.95
2847	Toluene diisocyanate (mixed isomers)	26471-62-5	174.16	ppm	7.12	C9H6N2O2	L	14-Nov
2848	Toluene diisocyanate, trimethylolpropane, epsilon-caprolactone polymer, methylated	71342-93-3		mg/m^3		(C9.H6.N2.O2.C6.H10.O2)x	S	
2849	**Toluene-2,4-diisocyanate; (TDI)**	**584-84-9**	174.16	ppm	7.12	C9H6N2O2	L or S	20.5
2850	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5	122.19	mg/m^3	4.99	C7H10N2	S	105
2851	**Toluene-2,6-diisocyanate**	**91-08-7**	174.17	ppm	7.12	C9H6N2O2	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2830	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	652			2.71		04/14/04	07/04/14	01/14/13
2831	Tin(II) oxide	1332-29-2	1800+ subl			6.95		08/07/98	07/04/14	12/31/11
2832	Tin(II) sulfate; (Stannous sulfate)	7488-55-3				4.15		04/14/04	07/04/14	09/18/12
2833	Tin(IV) isopropoxide	1184-61-8						10/11/05	07/04/14	12/31/11
2834	Tin(IV) oxide; (Stannic oxide)	18282-10-5	1800 dec			6.95		04/14/04	07/04/14	12/31/11
2835	Titanium	7440-32-6	3287	7.5x10-3	1709	4.506		12/30/95	10/08/13	10/08/13
2836	Titanium aluminide	39410-63-4						04/14/04	02/27/14	02/27/14
2837	Titanium boride	12045-63-5	3899			4.5 - 4.53		04/14/04	02/04/14	02/04/14
2838	Titanium carbide	12070-08-5	4820			4.93		04/14/04	10/02/13	12/31/11
2839	Titanium chloride	7705-07-9	136.4	10	21.3	1.772		08/07/98	10/02/13	09/18/12
2840	Titanium hydride	7704-98-5						06/13/02	10/03/13	10/03/13
2841	Titanium oxide; (Titanium dioxide)	13463-67-7	2500-3000			4.23		07/09/97	10/02/13	09/18/12
2842	**Titanium tetrachloride**	**7550-45-0**	136.45	1.31x10-2 atm	20	1.73		11/30/92	02/17/15	06/21/13
2843	Titanium(II) oxide	12137-20-1						01/10/01	10/02/13	12/31/11
2844	Titanium(III) fluoride	13470-08-1	1400			3.4		08/07/98	10/02/13	12/31/11
2845	Titanium-based alloy; (Titanium compounds)	z-0081						08/07/98	10/02/13	12/31/11
2846	**Toluene**	**108-88-3**	110.63	7.5	1.5	0.8623	14000	11/30/92	02/26/15	02/26/15
2847	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
2848	Toluene diisocyanate, trimethylolpropane, epsilon-caprolactone polymer, methylated	71342-93-3						08/17/07	10/02/13	12/31/11
2849	**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
2850	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5			2.13 kPa			06/13/02	09/18/14	10/04/13
2851	**Toluene-2,6-diisocyanate**	**91-08-7**	129-133 @18mm					03/01/00	09/18/14	

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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)
2852	Toluene-d8; (Deuterated toluene)	2037-26-5	100.189	ppm	4.09	C7.D8	L	-84
2853	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	122.17	ppm	4.99	C7H10N2	S	99
2854	Toluenesulfonamide, p-; (Pasam)	70-55-3	171.23	mg/m^3	7.00	C7.H9.N.O2.S		138 (anhyd); 105 (hydrate)
2855	Toluenesulfonic acid, methyl ester, p-	80-48-8	186.24	mg/m^3	7.61	C8.H10.O3.S	S	27.5
2856	Toluenesulfonyl chloride, p-	98-59-9	190.64	mg/m^3	7.79	C7.H7.Cl.O2.S	S hygr	69 - 71
2857	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	190.23	mg/m^3	7.77	C7.H8.O3.S	S	107
2858	Toluenethiol, m-	108-40-7	124.21	mg/m^3	5.08	C7H8S		
2859	Toluidine, m-; (3-Methylaniline)	108-44-1	107.17	ppm	4.38	C7H9N	L	-43.6
2860	Toluidine, o-	95-53-4	107.15	ppm	4.38	C7H9N	L	-14.41
2861	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	107.17	ppm	4.38	C7.H9.N	L	42
2862	Toxaphene; (Chlorinated camphene)	8001-35-2	414	mg/m^3	16.92	C10H10Cl8	S	65-90
2863	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	125	ppm	5.11	C4H6Cl2	L	35797
2864	Tri(2-ethylhexyl) phosphate; (Trioctyl phosphate)	78-42-2	434.72	mg/m^3	17.77	C24H51O4P	L	-74
2865	Triacetin; (Triacetyl glycerin)	102-76-1	219.2	mg/m^3	8.96	C9H14O6	L	-78
2866	Triamiphos	1031-47-6	294.34	mg/m^3	12.03	C12H19N6OP	S	167-168
2867	Triaryl sulfonium chloride salts	109037-76-5	284.04	mg/m^3	11.61	C6H6Cl4S2	S	
2868	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4	219.33	mg/m^3	8.96	C9H21N3O3	S	
2869	Triazofos; (Triazophos)	24017-47-8	313.34	mg/m^3	12.81	C12H16N3O3PS	L	5
2870	Tribenzylamine	620-40-6	287.4036	mg/m^3	11.75	C21.H21.N	S	90-92
2871	Tributyl citrate	77-94-1	360.5	ppm	14.73	C18.H22.O7	L	-20
2872	Tributyl phosphate	126-73-8	266.31	ppm	10.88	C12H27O4P	L	-80

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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
2852	Toluene-d8; (Deuterated toluene)	2037-26-5	110			0.94		07/11/07	04/24/15	04/24/15
2853	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	292	0.75	100.4			09/30/97	09/18/14	01/09/13
2854	Toluenesulfonamide, p-; (Pasam)	70-55-3	221 @ 10 mm Hg	0.000096	25			10/11/05	01/09/13	01/09/13
2855	Toluenesulfonic acid, methyl ester, p-	80-48-8	144.5 @5mm			1.230-1.238		10/11/05	01/09/13	01/09/13
2856	Toluenesulfonyl chloride, p-	98-59-9	152 @ 20 mm	1	88	1.33		04/14/04	10/25/13	12/31/11
2857	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	140 @ 20 mm					04/14/04	10/04/13	12/31/11
2858	Toluenethiol, m-	108-40-7						01/04/99	10/04/13	12/31/11
2859	Toluidine, m-; (3-Methylaniline)	108-44-1	203.3	1	41	0.989		01/04/99	03/10/15	01/29/14
2860	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
2861	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
2862	Toxaphene; (Chlorinated camphene)	8001-35-2	dec	6.69x10-6	20	1.65		12/30/95	03/10/15	
2863	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	156	6	25	1.183		12/08/02	03/10/15	12/31/11
2864	Tri(2-ethylhexyl) phosphate; (Trioctyl phosphate)	78-42-2	226.9	0.03	20	0.9077		08/07/98	05/19/15	01/15/13
2865	Triacetin; (Triacetyl glycerin)	102-76-1	258			1.1562	10000	03/01/00	10/04/13	04/27/12
2866	Triamiphos	1031-47-6	400	0.0000001	25			12/08/02	01/29/14	01/29/14
2867	Triaryl sulfonium chloride salts	109037-76-5						09/30/97	03/03/16	12/31/11
2868	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4						01/04/99	10/04/13	12/31/11
2869	Triazofos; (Triazophos)	24017-47-8	350	0.00001	25	1.25 @ 20°C		12/08/02	10/04/13	12/31/11
2870	Tribenzylamine	620-40-6	380-390			0.9912		10/11/05	10/04/13	12/31/11
2871	Tributyl citrate	77-94-1	233 @ 20C			1.05		10/11/05	10/04/13	12/31/11
2872	Tributyl phosphate	126-73-8	289	75	205	0.9727		12/30/95	12/05/13	12/05/13

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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)
2873	Tributyl(2,4-dichlorobenzyl) phosphonium chloride	115-78-6	397.83	mg/m^3	16.26	C19H32Cl2P.Cl	S	114-120
2874	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
2875	Tributylphosphine	998-40-3	202.36	ppm	8.27	C12.H27.P	L	
2876	Tributyltetradecylphosphonium chloride	81741-28-8		mg/m^3		[Unknown]	S	
2877	Trichloramine; (Nitrogen chloride)	10025-85-1	120.36	ppm	4.92	Cl3N	L	< -40
2878	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	280.43	ppm	11.46	C6H3Cl5Si	L	
2879	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	187.37	mg/m^3	7.66	C2Cl3F3	L	14.2
2880	Trichloro-2-nitrosobenzene, 1,3,5-	1196-13-0	210.44	mg/m^3	8.60	C6.H2.Cl3.N.O	S	
2881	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	165.4	mg/m^3	6.76	C2H3Cl3O2	S	57
2882	Trichloroacetaldehyde; (Chloral)	75-87-6	147.39	mg/m^3	6.02	C2HCl3O	L	-57.5
2883	Trichloroacetic acid	76-03-9	163.38	ppm	6.68	C2HCl3O2	S del	57.7
2884	Trichloroacetyl chloride	76-02-8	181.82	ppm	7.43	C2-Cl4-O	L	-146
2885	Trichlorobenzene, 1,2,3-	87-61-6	181.45	mg/m^3	7.42	C6H3Cl3	S	51.3
2886	Trichlorobenzene, 1,2,4-	120-82-1	181.45	ppm	7.42	C6H3Cl3	L or S	16.92
2887	**Trichloroethane, 1,1,1-; (Methyl chloroform)**	**71-55-6**	133.4	ppm	5.45	C2H3Cl3	L	-30.01
2888	Trichloroethane, 1,1,2-	79-00-5	133.4	ppm	5.45	C2H3Cl3	L	-36.3
2889	Trichloroethanol, 2,2,2-	115-20-8	149.4	mg/m^3	6.11	C2.H3.Cl3.O	S/L	17.8
2890	**Trichloroethylene**	**79-01-6**	131.39	ppm	5.37	C2HCl3	L	-84.7
2891	Trichlorofluoromethane; (Fluorotrichloromethane; Freon 11)	75-69-4	137.37	ppm	5.61	CCl3F	L or G	-110.44
2892	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
2893	Trichloroisocyanuric acid	87-90-1	232.41	mg/m^3	9.50	C3.Cl3.N3.O3	S	235

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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
2873	Tributyl(2,4-dichlorobenzyl) phosphonium chloride	115-78-6						06/13/02	10/04/13	12/31/11
2874	Tributyl-1-butanaminium iodide, N,N,N-; (Tetrabutylammonium iodide)	311-28-4				1.2		10/11/05	10/04/13	12/31/11
2875	Tributylphosphine	998-40-3	240	16	121	0.812		07/11/07	10/04/13	12/31/11
2876	Tributyltetradecylphosphonium chloride	81741-28-8						06/13/02	10/04/13	12/31/11
2877	Trichloramine; (Nitrogen chloride)	10025-85-1	< 71	150	20	1.653		06/13/02	10/04/13	12/31/11
2878	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	260	70	25	1.562		12/08/02	02/13/15	
2879	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
2880	Trichloro-2-nitrosobenzene, 1,3,5-	1196-13-0						03/22/10	10/04/13	10/04/13
2881	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	96 dec	15	25	1.9081 @ 20°C		11/15/96	07/05/13	07/05/13
2882	Trichloroacetaldehyde; (Chloral)	75-87-6	97.8	75	33.8	1.512 @ 20°C		09/30/97	03/14/16	03/14/16
2883	Trichloroacetic acid	76-03-9	197.5	1	51	1.62		01/04/99	04/10/14	04/10/14
2884	Trichloroacetyl chloride	76-02-8	114-116	21.32	25	1.629		04/15/07	10/04/13	12/31/11
2885	Trichlorobenzene, 1,2,3-	87-61-6	218.5	0.21	25	1.4533		09/30/97	09/26/14	01/15/13
2886	Trichlorobenzene, 1,2,4-	120-82-1	213.5	0.46	25	1.459	25000	12/30/95	09/26/14	12/31/11
2887	**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
2888	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
2889	Trichloroethanol, 2,2,2-	115-20-8	150	1	20	1.54		07/11/07	10/04/13	12/31/11
2890	**Trichloroethylene**	**79-01-6**	87.21	75	26.7	1.464 @ 20°C	80000	12/30/95	03/10/15	10/11/05
2891	Trichlorofluoromethane; (Fluorotrichloromethane; Freon 11)	75-69-4	23.7	750	23.3	1.494 @ 17.2°C		11/30/92	03/28/16	03/28/16
2892	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
2893	Trichloroisocyanuric acid	87-90-1				> 1		09/17/07	01/15/16	01/15/16

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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)
2894	Trichloronaphthalene	1321-65-9	231.5	mg/m^3	9.46	C10.H5.Cl3	S	92.78
2895	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	333.6	mg/m^3	13.63	C10H12Cl3O2PS	L	
2896	Trichloronitrobenzene, 2,4,5-	89-69-0	226.44	mg/m^3	9.25	C6.H2.Cl3.N.O2	S	57
2897	Trichlorophenol, 2,3,6-	933-75-5	197.44	mg/m^3	8.07	C6H3Cl3O	S	58
2898	Trichlorophenol, 2,4,5-	95-95-4	197.45	mg/m^3	8.07	C6H3Cl3O	S	69
2899	Trichlorophenol, 2,4,6-	88-06-2	197.45	mg/m^3	8.07	C6H3Cl3O	S	69
2900	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (Silvex)	93-72-1	269.51	mg/m^3	11.02	C9H7Cl3O3	S	181.6
2901	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	255.48	mg/m^3	10.44	C8H5Cl3O3	S	153
2902	**Trichlorophenylsilane**	**98-13-5**	211.55	ppm	8.65	C6H5ClSi	L	
2903	Trichloropropane, 1,2,3-	96-18-4	147.43	ppm	6.03	C3H5Cl3	L	-14.7
2904	**Trichlorosilane**	**10025-78-2**	135.45	ppm	5.54	Cl3HSi	L	-128.2
2905	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	187.38	ppm	7.66	C2Cl3F3	L	-36.22
2906	Tridecane	629-50-5	184.41	ppm	7.54	C13H28	L	-5.3
2907	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	521.9952	mg/m^3	21.33	C36.H75.N	L	16.4
2908	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	149.19	mg/m^3	6.10	C6H15NO3	S	20.5
2909	**Triethoxysilane**	**998-30-1**	164.28	ppm	6.71	C6H16O3Si		-170
2910	Triethoxyvinylsilane	78-08-0	190.35	ppm	7.78	C8.H18.O3.Si	L	
2911	Triethyl phosphate; (TEP)	78-40-0	182.18	mg/m^3	7.45	C6H15O4P	L	-56.4
2912	Triethyl phosphite	122-52-1	166.18	ppm	6.79	C6H15O3P	L	
2913	Triethylaluminum	97-93-8	114.19	mg/m^3	4.67	C6.H15.Al	L	-52.5
2914	Triethylamine	121-44-8	101.22	ppm	4.14	C6H15N	L	-114.8
2915	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9	163.21	mg/m^3	6.67	C6H15N.CH2O3		

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2894	Trichloronaphthalene	1321-65-9	304.44 - 354.44			1.58		04/15/07	10/04/13	12/31/11
2895	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	360	20	25	1.365 @ 20°C		12/08/02	10/04/13	12/31/11
2896	Trichloronitrobenzene, 2,4,5-	89-69-0	208					06/11/10	10/04/13	12/31/11
2897	Trichlorophenol, 2,3,6-	933-75-5	253					06/13/02	10/07/14	07/19/13
2898	Trichlorophenol, 2,4,5-	95-95-4	247	0.008	25	1.678		12/30/95	10/06/14	10/06/14
2899	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
2900	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
2901	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
2902	**Trichlorophenylsilane**	**98-13-5**	201			1.321 @ 20°C		06/13/02	06/13/09	
2903	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
2904	**Trichlorosilane**	**10025-78-2**	33	750	31.6	1.331	12000	07/09/97	02/12/15	
2905	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	47.7	750	47.3	1.5635		11/30/92	03/28/16	03/28/16
2906	Tridecane	629-50-5	235.4	0.056	25	0.7564		01/04/99	10/04/13	12/31/11
2907	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	220			0.824		04/14/04	10/11/13	10/04/13
2908	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	335.4	7.5x10-3	75	1.1242 @ 20°C		09/30/97	03/10/15	08/15/12
2909	**Triethoxysilane**	**998-30-1**	133.5	8.5	25	0.8745 @ 20°C		06/13/02	06/13/09	
2910	Triethoxyvinylsilane	78-08-0	160.62 @ 20	2.25	20	0.901		07/11/07	03/10/15	12/31/11
2911	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
2912	Triethyl phosphite	122-52-1	156			1.413		03/01/00	03/10/15	12/31/11
2913	Triethylaluminum	97-93-8	194	4	83	0.837 @ 20°C		04/14/04	02/27/14	07/08/13
2914	Triethylamine	121-44-8	89.5			0.7255	12000	01/04/99	05/26/15	05/26/15
2915	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9						07/11/07	10/04/13	12/31/11

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2916	Triethylbenzene (mixed isomers)	25340-18-5	162.3	ppm	6.63	C12H18		-66.5
2917	Triethylene glycol	112-27-6	150.2	mg/m^3	6.14	C6H14O4	L	-4.3
2918	Triethylene glycol monomethyl ether	112-35-6	164.23	mg/m^3	6.71	C7H16O4	L	-44
2919	Triethylenetetramine	112-24-3	146.28	ppm	5.98	C6H18N4	L	12
2920	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	
2921	Triethyloxonium tetrafluoroborate	368-39-8	190.02	mg/m^3	7.77	C6.H15.O.B.F4	S	
2922	Triethylphosphorothioate; (Tepto)	126-68-1	198.24	ppm	8.10	C6.H15.O3.P.S	L	
2923	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8	272.01	mg/m^3	11.12	C8H6BF5O2S	S	
2924	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
2925	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4	116.05	mg/m^3	4.74	C2.H3.F3.O2		
2926	Trifluoroacetic acid anhydride	407-25-0	210.04	mg/m^3	8.58	C4.F6.O3	L	-65
2927	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	114.03	ppm	4.66	C2HF3O2	L	-15.25
2928	Trifluoroacetyl chloride	354-32-5	132.47	ppm	5.41	C2ClF3O	L	
2929	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	100.05	ppm	4.09	C2.H3.F3.O	L	-44
2930	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	150.08	ppm	6.13	C.H.F3.O3.S	L	-40
2931	Trifluoromethanesulfonic anhydride	358-23-6	282.14	mg/m^3	11.53	(C.F3.S.O2)2O	L	
2932	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	195.91	ppm	8.01	C.F3.I	G	<-78
2933	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	161.14	mg/m^3	6.59	C7H6F3N	L	3
2934	Trifluralin; (2,6-Dinitro-N,N-dipropyl-4-(trifluoromethyl) benzenamine)	1582-09-8	335.28	mg/m^3	13.70	C13H16F3N3O4	S	49
2935	Triisobutylaluminum	100-99-2	198.3	mg/m^3	8.10	(C4.H9)3.Al	L	6
2936	Trimethoxy(3,3,3-trifluoropropyl)silane	429-60-7	218.2481	mg/m^3	8.92	C8.H13.F3.O3.Si	S	
2937	Trimethoxyboroxine	102-24-9	173.55	mg/m^3	7.09	C3.H9.B3.O6	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2916	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
2917	Triethylene glycol	112-27-6	285	1	114	1.122	9000	01/04/99	01/22/14	01/15/13
2918	Triethylene glycol monomethyl ether	112-35-6	249			1.0494		01/04/99	10/04/13	12/31/11
2919	Triethylenetetramine	112-24-3	272	<0.01	20	0.982		01/04/99	10/10/13	10/10/13
2920	Triethylethanaminium hydroxide, N,N,N-; (Tetraethyl ammonium hydroxide)	77-98-5						10/11/05	10/04/13	01/09/13
2921	Triethyloxonium tetrafluoroborate	368-39-8						07/11/07	10/04/13	12/31/11
2922	Triethylphosphorothioate; (Tepto)	126-68-1	93.2-94			1.074		07/11/07	10/04/13	12/31/11
2923	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8						08/07/98	10/04/13	12/31/11
2924	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
2925	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4						07/11/07	10/04/13	12/31/11
2926	Trifluoroacetic acid anhydride	407-25-0	39.5			1.49		10/11/05	10/04/13	12/31/11
2927	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	71.1			1.535		01/04/99	07/08/13	07/08/13
2928	Trifluoroacetyl chloride	354-32-5						12/08/02	10/24/13	10/24/13
2929	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	103 - 105			1.288		04/14/04	10/04/13	12/31/11
2930	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	162			1.696		07/11/07	03/26/15	03/26/15
2931	Trifluoromethanesulfonic anhydride	358-23-6	81-83	8	20	1.677		04/15/07	03/26/15	03/26/15
2932	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	-22.5			2.3607 @ 32°C		07/11/07	10/04/13	12/18/12
2933	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	189			1.303		04/15/07	10/25/13	12/31/11
2934	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
2935	Triisobutylaluminum	100-99-2	86 @ 10 mm	1	47	0.7859 @ 20°C		04/14/04	02/27/14	12/31/11
2936	Trimethoxy(3,3,3-trifluoropropyl)silane	429-60-7						04/15/07	10/04/13	12/31/11
2937	Trimethoxyboroxine	102-24-9				1.4		04/14/04	10/04/13	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)
2938	**Trimethoxysilane**	**2487-90-3**	122.2	ppm	4.99	C3H10O3Si	L	-115
2939	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5	179.29	mg/m^3	7.33	C6.H17.N.O3.Si	L	
2940	Trimethoxysilyl-1-propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	196.37	mg/m^3	8.03	C6.H16.03.S.Si	L	
2941	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	248.39	mg/m^3	10.15	C10.H20.O5.Si	L	<-50
2942	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	222.41	mg/m^3	9.09	C8.H22.N2.O3.Si	L	
2943	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl-)	2768-02-7	148.26	ppm	6.06	C5.H12.O3.Si	L	
2944	Trimethyl borate	121-43-7	103.93	ppm	4.25	C3.H9.B.O3	L	-29
2945	Trimethyl phosphate; (TMP)	512-56-1	140.09	ppm	5.73	C3H9O4P	L	
2946	**Trimethyl phosphite**	**121-45-9**	124.09	ppm	5.07	C3H9O3P	L	-78
2947	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4	216.36	mg/m^3	8.84	C12H24O3		
2948	Trimethyl-1-pentene, 2,4,4-; (Diisobutylene)	107-39-1	112.2144	ppm	4.59	C8.H16	L	-93.5
2949	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9	264.36	mg/m^3	10.80	C13.H28.O5		
2950	Trimethyl-2-hexene, 4,4,5-	55702-61-9	126	mg/m^3	5.15	(CH3)3-C6-H9		
2951	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9	156.25	mg/m^3	6.39	C9.H16.O2		
2952	Trimethylacetic acid; (Pivalic acid)	75-98-9	102.15	mg/m^3	4.18	C5.H10.O2	S	35.5
2953	**Trimethylacetyl chloride; (Pivaloyl chloride)**	**3282-30-2**	120.59	ppm	4.93	C5.H9.Cl.O	L	
2954	Trimethylaluminum	75-24-1	72.09	mg/m^3	2.95	C3.H9.Al	S	15
2955	**Trimethylamine**	**75-50-3**	59.11	ppm	2.42	C3H9N	G	-117.1
2956	Trimethylaniline, 2,4,6-	88-05-1	135.23	mg/m^3	5.53	C9H13N	L	-5
2957	**Trimethylbenzene, 1,2,3-**	**526-73-8**	120.19	ppm	4.91	C9H12	L	-25.4
2958	**Trimethylbenzene, 1,2,4-; (Pseudocumene)**	**95-63-6**	120.19	ppm	4.91	C9H12	L	-43.77
2959	**Trimethylbenzene, -1,3,5; (Mesitylene)**	**108-67-8**	120.19	ppm	4.91	C9H12	L	-44.72

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2938	**Trimethoxysilane**	**2487-90-3**	32 @ 100 mmHg	76	25	0.860 @ 20°C		11/15/96	02/12/15	04/15/07
2939	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5						10/11/05	10/04/13	12/31/11
2940	Trimethoxysilyl-1-propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	93-94			1.015		10/11/05	10/04/13	12/31/11
2941	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	190			1.045		10/11/05	10/04/13	01/17/12
2942	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	146 @ 15 mm			1.01		07/11/07	10/04/13	12/31/11
2943	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl-)	2768-02-7	123			1.13		07/11/07	10/04/13	12/31/11
2944	Trimethyl borate	121-43-7	68	137	25	0.92 @ 20°C		10/11/05	10/04/13	12/31/11
2945	Trimethyl phosphate; (TMP)	512-56-1	197.2			1.97 @ 19.5°C		03/01/00	12/05/13	07/08/13
2946	**Trimethyl phosphite**	**121-45-9**	111-112			1.046		03/01/00	03/10/15	09/28/10
2947	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4					6000	01/04/99	10/04/13	12/31/11
2948	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
2949	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9						03/01/00	10/04/13	12/31/11
2950	Trimethyl-2-hexene, 4,4,5-	55702-61-9						03/01/00	10/04/13	12/31/11
2951	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9						08/07/98	10/04/13	12/31/11
2952	Trimethylacetic acid; (Pivalic acid)	75-98-9	163.8			0.91		07/11/07	10/04/13	12/31/11
2953	**Trimethylacetyl chloride; (Pivaloyl chloride)**	**3282-30-2**	107			1.003 @ 20°C		10/11/05	02/12/15	09/26/14
2954	Trimethylaluminum	75-24-1	125-126	69.3	60	0.752		07/11/07	02/27/14	12/31/11
2955	**Trimethylamine**	**75-50-3**	2.87	750	2.6	0.627	20000	11/30/92	02/13/15	05/16/08
2956	Trimethylaniline, 2,4,6-	88-05-1	232			0.96		06/13/02	09/15/15	12/31/11
2957	**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
2958	**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
2959	**Trimethylbenzene, -1,3,5; (Mesitylene)**	**108-67-8**	164.74	0.75	9	0.8615		09/30/97	03/09/15	06/03/13

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2960	**Trimethylchlorosilane**	**75-77-4**	108.66	ppm	4.44	C3H9ClSi	L	-40
2961	Trimethyldecane, all isomers; (includes 62238-01-1, 62108-23-0)	62338-09-4	184	ppm	7.52	C13-H28	L	
2962	Trimethylgallium	1445-79-0	114.8	mg/m^3	4.69	C3.H9.Ga	L	-15.9
2963	Trimethylhexane, 2,2,5-; (Neononane)	3522-94-9	128.29	ppm	5.24	C9-H20	L	
2964	Trimethyl-N'-(hydroxyethyl)-1,3-propanediamine, N,N,N'-; (2-((3-(Dimethylamino)propyl)methylamino)ethanol)	82136-26-3		mg/m^3				
2965	Trimethyloctane, all isomers; (includes 62016-28-8, 62016-34-6, 62016-37-9, 54166-32-4)	98060-52-7	156.31	ppm	6.39	C11-.H24	G	
2966	Trimethylolpropane ethoxylate	50586-59-9		mg/m^3		(C2.H4.O)n(C2.H4.O)n(C2.H4.O)n.C6.H14.O3	L	
2967	Trimethylolpropane phosphite	824-11-3	162.14	mg/m^3	6.63	C6-H11-O3-P	S	56
2968	Trimethylphosphine	594-09-2	76.08	ppm	3.11	(C.H3)3.P	L	-85
2969	Trimethylpyridine, 2,4,6-	108-75-8	121.2	ppm	4.95	C8H11N		
2970	Trimethylsilanol	1066-40-6	90	ppm	3.68	C3-H10-O-Si		
2971	Trimethylsilylmethyllithium	1822-00-0	94.16	mg/m^3	3.85	(C.H3)3.Si.C.H2.Li	L	13.9
2972	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	199.26	mg/m^3	8.14	Sn.C3H9Cl	S	42
2973	Trimethyltriheptylamine, 6,6',6"-; (Triisooctylamine)	2757-28-0	353.76	mg/m^3	14.46	C24H51N		
2974	Tri-n-butylamine	102-82-9	185.4	ppm	7.58	C12.H27.N	L	-70
2975	Trinitrobenzene, 1,3,5-	99-35-4	213.1	mg/m^3	8.71	C6H3N3O6	S	122.9
2976	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9	247.56	mg/m^3	10.12	C6H2ClN3O6	S	
2977	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	287.17	mg/m^3	11.74	C7H5N5O8	S	131-132
2978	Trinitrotoluene, 2,4,6-	118-96-7	227.15	mg/m^3	9.28	C7H5N3O6	S	82
2979	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	386.64	mg/m^3	15.80	C24H51OP		52
2980	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	353.76	mg/m^3	14.46	C24H51N	L	
2981	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7	370.72	mg/m^3	15.15	C24.H51.P	S	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
2960	**Trimethylchlorosilane**	**75-77-4**	57			0.854	18000	08/07/98	01/22/10	01/22/10
2961	Trimethyldecane, all isomers; (includes 62238-01-1, 62108-23-0)	62338-09-4						03/01/00	03/10/15	10/09/14
2962	Trimethylgallium	1445-79-0	55.7					07/11/07	10/04/13	12/31/11
2963	Trimethylhexane, 2,2,5-; (Neononane)	3522-94-9	124			0.7072		06/13/02	03/10/15	07/24/13
2964	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
2965	Trimethyloctane, all isomers; (includes 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
2966	Trimethylolpropane ethoxylate	50586-59-9				1.11		10/11/05	10/04/13	12/31/11
2967	Trimethylolpropane phosphite	824-11-3	200	0.2	25			12/08/02	10/04/13	12/31/11
2968	Trimethylphosphine	594-09-2	37.5			0.735		07/11/07	10/04/13	12/31/11
2969	Trimethylpyridine, 2,4,6-	108-75-8						01/04/99	10/04/13	12/31/11
2970	Trimethylsilanol	1066-40-6						12/08/02	06/14/09	08/26/07
2971	Trimethylsilylmethyllithium	1822-00-0	35-36			0.65		07/11/07	10/04/13	12/31/11
2972	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	154-156	3	25			06/13/02	07/04/14	12/18/12
2973	Trimethyltriheptylamine, 6,6',6"-; (Triisooctylamine)	2757-28-0						01/04/99	10/04/13	12/31/11
2974	Tri-n-butylamine	102-82-9	216.5	0.0934	25	0.78		07/11/07	03/10/15	01/29/14
2975	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
2976	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9						08/07/98	10/04/13	12/31/11
2977	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	187 expl			1.57 @ 19°C		03/01/00	10/04/13	12/31/11
2978	Trinitrotoluene, 2,4,6-	118-96-7	240 expl			1.654		08/07/98	10/04/13	01/17/12
2979	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	201 @ 2 mmHg					12/30/95	10/07/13	12/31/11
2980	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	365-367			0.809		01/04/99	10/07/13	12/31/11
2981	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7						07/11/07	10/07/13	12/31/11

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2982	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	368.39	ppm	15.06	C21H21O4P	L	-55
2983	Tripentaerythritol	78-24-0	372.41	mg/m^3	15.22	C15.H32.O10	S	225-240
2984	Triphenyl phosphate	115-86-6	326.3	mg/m^3	13.34	C18H15O4P	S	49-50
2985	Triphenyl phosphite	101-02-0	310.3	mg/m^3	12.68	C18.H15.O3.P	S	21-23
2986	Triphenylborane	960-71-4	242.14	mg/m^3	9.90	C18.H15.B	S	142
2987	Triphenylethoxysilane	1516-80-9	304.458	mg/m^3	12.44	C20.H20.O.Si	S	65
2988	Triphenylolmethane triglycidyl ether	66072-38-6	460.5256	mg/m^3	18.82	C28.H28.O6	S	
2989	Triphenylphosphine	603-35-0	262.3	mg/m^3	10.72	C18.H15.P	S	79
2990	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	385.47	mg/m^3	15.75	Sn.ClC18H15	S	106
2991	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9	395.55	mg/m^3	16.17	K3-C10-H18-N2-O7	S	
2992	Tripotassium arsenate	13464-36-3	256.22	mg/m^3	10.47	3K-As-O4	S	
2993	Tripropyl phosphate; (TPP)	513-08-6	224.23	mg/m^3	9.16	C9.H21.O4.P	L	
2994	Tripropylamine	102-69-2	143.31	ppm	5.86	C9.H21.N	L	-93.5
2995	Tripropylene glycol methyl ether	25498-49-1	206.32	mg/m^3	8.43	C10.H22.O4	L	-78.89
2996	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	
2997	Tripropylene glycol; (((1-Methyl-1,2-ethanediyl)bis(oxy))bispropanol)	24800-44-0	192.29	ppm	7.86	C9.H20.O4	L	< -30
2998	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
2999	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
3000	Tris(2-aminoethyl)amine	4097-89-6	146.28	mg/m^3	5.98	C6.H18.N4		
3001	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	285.5	mg/m^3	11.67	C6.H12.Cl3.O4.P	L	-55
3002	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2	265.45	mg/m^3	10.85	C15H27N3O		
3003	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	121.16	mg/m^3	4.95	C4H11NO3	S	171-172

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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
2982	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	410			1.17		08/07/98	10/07/13	01/25/12
2983	Tripentaerythritol	78-24-0						04/14/04	10/07/13	12/31/11
2984	Triphenyl phosphate	115-86-6	245 @ 11 mm	1	193.5	1.268 @ 60°C		01/04/99	01/09/13	01/09/13
2985	Triphenyl phosphite	101-02-0	183-184 @0.1mm			1.184		04/14/04	01/10/13	01/10/13
2986	Triphenylborane	960-71-4						07/11/07	10/07/13	12/31/11
2987	Triphenylethoxysilane	1516-80-9	344					10/11/05	10/07/13	12/31/11
2988	Triphenylolmethane triglycidyl ether	66072-38-6						10/11/05	10/07/13	12/31/11
2989	Triphenylphosphine	603-35-0	>360			1.194		04/14/04	10/07/13	12/31/11
2990	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	240 @ 13.5 mm					06/13/02	07/04/14	10/10/13
2991	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9						12/08/02	01/29/14	01/29/14
2992	Tripotassium arsenate	13464-36-3				2.8		12/08/02	01/28/14	01/28/14
2993	Tripropyl phosphate; (TPP)	513-08-6	120-122 @ 10 mm			1.012		07/22/08	12/06/13	12/06/13
2994	Tripropylamine	102-69-2	156	1.51	25	0.7558 @ 20°C	7000	07/11/07	10/08/13	12/31/11
2995	Tripropylene glycol methyl ether	25498-49-1	242.4			0.965		07/11/07	10/08/13	12/31/11
2996	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
2997	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
2998	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1						04/14/04	10/04/13	12/31/11
2999	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6						10/11/05	11/01/13	12/31/11
3000	Tris(2-aminoethyl)amine	4097-89-6						07/11/07	10/08/13	12/31/11
3001	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	330			1.39		04/14/04	11/11/13	11/11/13
3002	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2						09/30/97	03/14/16	03/14/16
3003	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	219-220 @10mm					01/10/01	10/08/13	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)
3004	Trisodium arsenate	13464-38-5	207.89	mg/m^3	8.50	3Na-As-O4 or 3Na-As-(OH)3	S	
3005	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		
3006	Trisodium citrate	68-04-2	258.08	mg/m^3	10.55	3Na-C6-H5-O7	S	
3007	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
3008	Tungsten	7440-33-7	183.84	mg/m^3	7.51	W	S	3422
3009	Tungsten boride	12007-09-9	194.65	mg/m^3	7.96	W.B	S	2665
3010	Tungsten carbide	12070-12-1	195.9	mg/m^3	8.01	W.C	S	2785
3011	Tungsten hexafluoride	7783-82-6	297.85	mg/m^3	12.17	F6W	G	2.3
3012	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	231.84	mg/m^3	9.48	O3.W	S	1473
3013	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8	325.662	mg/m^3	13.31	W.Cl4	S	
3014	Tungsten(IV) oxide	12036-22-5	215.84	mg/m^3	8.82	O2W	S	1500-1700
3015	Tungstic acid	7783-03-1	249.8534	mg/m^3	10.21	W-H2-O4	S	100 dec
3016	Tungstosilicic acid	11130-20-4	2878.2931	mg/m^3	117.64	4H.O40.Si.W12	S	
3017	Turpentine, (Alpha and beta pinene, 80-56-8)	8006-64-2	140	ppm	5.72	C10.H16 approx	L	-55
3018	Undecane	1120-21-4	156.35	ppm	6.39	C11H24	L	-25.75
3019	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	170.33	ppm	6.96	C11-H22-O	L	12
3020	Uranium	7440-61-1	238.03	mg/m^3	9.73	U	S	1135
3021	**Uranium dioxide; (Uranium(IV) oxide)**	**1344-57-6**	270.03	mg/m^3	11.04	O2U	S	2875
3022	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	352.02	mg/m^3	14.39	F6U	S	64.06 triple point
3023	Uranium hydride; (Uranium(III) hydride)	13598-56-6	241.05	mg/m^3	9.85	H3U	S	
3024	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**	842.08	mg/m^3	34.42	O8U3	S	1300 dec
3025	Uranium telluride	12138-37-3	493.23	mg/m^3	20.16	Te2U	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
3004	Trisodium arsenate	13464-38-5						09/17/07	01/28/14	01/28/14
3005	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3						06/13/02	10/08/13	12/31/11
3006	Trisodium citrate	68-04-2	dec					12/08/02	10/08/13	02/07/12
3007	Trisodium N-hydroxyethylethylenediaminetriacetate; (Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate)	139-89-9				1.285		12/08/02	12/20/13	12/20/13
3008	Tungsten	7440-33-7	5555	7.5x10-3	3204	19.3		09/30/97	07/17/14	09/18/12
3009	Tungsten boride	12007-09-9				15.2		10/11/05	07/17/14	12/31/11
3010	Tungsten carbide	12070-12-1				15.6		04/14/04	07/17/14	12/31/11
3011	Tungsten hexafluoride	7783-82-6	17.5			13.069		01/04/99	07/17/14	08/15/12
3012	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	~ 1700			7.2		09/30/97	07/17/14	07/17/14
3013	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8						07/11/07	07/17/14	12/31/11
3014	Tungsten(IV) oxide	12036-22-5				10.8		08/07/98	07/17/14	12/31/11
3015	Tungstic acid	7783-03-1				5.5		12/08/02	07/17/14	12/31/11
3016	Tungstosilicic acid	11130-20-4						07/11/07	07/17/14	12/31/11
3017	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
3018	Undecane	1120-21-4	195.6			0.7402		08/07/98	10/09/14	10/09/14
3019	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	223			0.829 @ 30°C		12/08/02	03/10/15	07/15/13
3020	Uranium	7440-61-1	4131	7.5x10-3	2052	19.1		12/30/95	07/17/14	01/15/13
3021	**Uranium dioxide; (Uranium(IV) oxide)**	**1344-57-6**						01/10/01	07/07/14	12/31/11
3022	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	56.5 subl	115	25	5.09		11/30/92	02/12/15	10/11/05
3023	Uranium hydride; (Uranium(III) hydride)	13598-56-6				11.1		12/30/95	10/08/13	12/31/11
3024	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**				8.38		01/10/01	07/07/14	12/31/11
3025	Uranium telluride	12138-37-3						12/30/95	07/07/14	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)
3026	Uranium telluride (U3Te4)	12040-21-0	1224.08	mg/m^3	50.03	Te4U3	S	
3027	**Uranium trioxide**	**1344-58-7**	286.03	mg/m^3	11.69	U.O3	S	
3028	Uranyl acetate; (Uranium oxyacetate)	541-09-3	388.1	mg/m^3	15.86	C4H6O6U	S	110 loss H2O
3029	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0	308	mg/m^3	12.59	U.O2.F2	S	300 dec
3030	Uranyl hydroxide (includes liquids)	13470-18-3	304.04	mg/m^3	12.43	U.O2.(OH)2	S	
3031	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	394.02	mg/m^3	16.10	N2.O8.U	S	60.2
3032	Uranyl nitrate (yellow salt)	36478-76-9	394.02	mg/m^3	16.10	N2O8U	S	60.2
3033	Uranyl nitrate hexahydrate	13520-83-7	502.14	mg/m^3	20.52	N2.O8.U.6(H2.O)	6	60.2
3034	Uranyl nitrite (liquids)	z-0087	362.04	mg/m^3	14.80	U.O2.(N.O2)2	L	
3035	Urea	57-13-6	60.07	mg/m^3	2.46	CH4N2O	S	132.7
3036	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	94.09	mg/m^3	3.85	C.H4.N2.O.H2.O2	S	75-85
3037	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	
3038	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
3039	Valeric acid; (n-Pentanoic acid)	109-52-4	102.15	mg/m^3	4.18	C5.H10.O2	L	-34.5
3040	Valinomycin	2001-95-8	1111.5	mg/m^3	45.43	C54.H90.N6.O18	S	187
3041	Vanadium	7440-62-2	50.94	mg/m^3	2.08	V	S	1910
3042	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	181.88	mg/m^3	7.43	O5V2	S	681
3043	Vanadium sulfate	13566-06-8	147	mg/m^3	6.01	VSO4	S	
3044	Vanadium tetrachloride	7632-51-1	192.74	mg/m^3	7.88	V.Cl4	L	-25.7
3045	Vanadium trioxide	1314-34-7	149.88	mg/m^3	6.13	V2.O3	S	1970
3046	Vanadium(II) sulfate heptahydrate	36907-42-3	273.112	mg/m^3	11.16	V.S.O4.7(H2.O)	S	
3047	Vanadium(III) sulfate	13701-70-7	390.07	mg/m^3	15.94	V2.(S.O4)3	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
3026	Uranium telluride (U3Te4)	12040-21-0						07/09/07	07/07/14	12/31/11
3027	**Uranium trioxide**	**1344-58-7**				7.3		04/03/08	07/10/14	01/16/13
3028	Uranyl acetate; (Uranium oxyacetate)	541-09-3	275 dec			2.893		06/27/07	07/07/14	12/31/11
3029	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0				6.37		04/14/04	07/07/14	12/31/11
3030	Uranyl hydroxide (includes liquids)	13470-18-3						04/15/07	07/07/14	12/31/11
3031	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	118			2.81		06/13/02	07/07/14	12/31/11
3032	Uranyl nitrate (yellow salt)	36478-76-9	118			2.807		08/21/96	07/07/14	07/07/14
3033	Uranyl nitrate hexahydrate	13520-83-7	118			2.807 @ 13°C		06/13/02	07/07/14	01/10/13
3034	Uranyl nitrite (liquids)	z-0087						12/08/02	07/07/14	12/31/11
3035	Urea	57-13-6	dec			1.335		08/07/98	03/10/15	09/18/12
3036	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	dec			0.8 @ 20°C		08/17/07	10/08/13	12/31/11
3037	Urea), N,N''-(4-methyl-1,3-phenylene)bis(N',N'-dimethyl-	17526-94-2						09/05/08	10/08/13	10/08/13
3038	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
3039	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
3040	Valinomycin	2001-95-8		0.00001	25			06/13/02	10/08/13	01/16/13
3041	Vanadium	7440-62-2	3407	7.5x10-3	1828	6		09/30/97	07/20/14	07/14/14
3042	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	1750	~0	no temp	3.35		12/30/95	07/23/14	05/20/14
3043	Vanadium sulfate	13566-06-8						12/08/02	07/23/14	07/23/14
3044	Vanadium tetrachloride	7632-51-1	148	7.63	25	1.816 @ 20°C		06/13/02	07/17/14	07/17/14
3045	Vanadium trioxide	1314-34-7				4.87 @ 18°C		08/07/98	07/17/14	07/17/14
3046	Vanadium(II) sulfate heptahydrate	36907-42-3						06/13/02	07/17/14	07/17/14
3047	Vanadium(III) sulfate	13701-70-7						06/13/02	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)
3048	Vanadium, trichlorooxo-	7727-18-6	173.29	ppm	7.08	V.Cl.O3	L	-77
3049	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	
3050	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6	163	mg/m^3	6.66	O5SV	S	
3051	Veratraldehyde	120-14-9	166.19	mg/m^3	6.79	C9.H10.O3	S	42-43
3052	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
3053	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1	109.55	mg/m^3	4.48	C4.H7.Cl.S		
3054	**Vinyl acetate**	**108-05-4**	86.09	ppm	3.52	C4H6O2	L	-93.2
3055	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9		mg/m^3		(C6H9ClO2)x	S	
3056	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0		mg/m^3		(C11H18O4)x	S	
3057	Vinyl bromide; (Bromoethylene)	593-60-2	106.95	ppm	4.37	C2H3Br	L or G	-139.54
3058	**Vinyl chloride**	**75-01-4**	62.5	ppm	2.55	C2H3Cl	G	-153.84
3059	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	72.12	ppm	2.95	C4.H8.O	L	-115
3060	Vinyl fluoride	75-02-5	46.04	ppm	1.88	C2H3F	G	-160.5
3061	Vinyl sulfoxide	1115-15-7	102.16	mg/m^3	4.18	C4.H6.O.S	L	
3062	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	9300	mg/m^3	380.10		S	
3063	**Vinyl trichlorosilane**	**75-94-5**	161.49	ppm	6.60	C2.H3.Cl3.Si	L fum	-95
3064	Vinyl-2-pyrrolidinone, 1-	88-12-0	111.16	ppm	4.54	C6.H9.N.O	L	13.5
3065	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	152.62	mg/m^3	6.24	C9.H9.Cl	L	
3066	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	108.1828	ppm	4.42	C8.H12	L	-101
3067	Vinylformamide, N-	13162-05-5	71.08	mg/m^3	2.91	C3.H5.N.O	L	-16
3068	**Vinylidene chloride; (1,1-Dichloroethylene)**	**75-35-4**	96.94	ppm	3.96	C2H2Cl2	L	-122.56
3069	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	64.04	ppm	2.62	C2.H2.F2	G	-144

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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
3048	Vanadium, trichlorooxo-	7727-18-6	126.7	19.3	25	1.829		10/11/05	07/17/14	07/17/14
3049	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2						06/13/02	07/17/14	07/17/14
3050	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6						08/07/98	07/17/14	07/17/14
3051	Veratraldehyde	120-14-9	281					10/11/05	10/08/13	12/31/11
3052	Vermiculite, exfoliated	1318-00-9				2.6		04/14/04	04/29/15	04/29/15
3053	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1		5.8	25			07/11/07	04/29/15	12/31/11
3054	**Vinyl acetate**	**108-05-4**	72.8	75	16.2	0.9256	26000	11/30/92	02/09/15	02/09/15
3055	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9						01/04/99	10/08/13	10/08/13
3056	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0						09/30/97	03/14/16	12/31/11
3057	Vinyl bromide; (Bromoethylene)	593-60-2	15.8	750	15.4	1.4933 @ 20°C	90000	09/30/97	03/14/16	03/14/16
3058	**Vinyl chloride**	**75-01-4**	-13.8	750	-14.1	0.9106 @ 20°C	38000	11/30/92	02/26/15	02/26/15
3059	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	35.6	428	20	0.754	17000	06/13/02	03/10/15	12/31/11
3060	Vinyl fluoride	75-02-5	-72	750	-72.2	0.636 @ 21°C (Liquid)	26000	09/30/97	03/14/16	12/31/11
3061	Vinyl sulfoxide	1115-15-7	86 @ 18	1.6	25	1.079 @ 20°C		07/22/08	10/08/13	12/31/11
3062	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	>400			1.036		07/11/07	10/08/13	10/08/13
3063	**Vinyl trichlorosilane**	**75-94-5**	91.5	65.9	25	1.2426 @ 20°C	30000	07/11/07	06/14/09	
3064	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
3065	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	229	1	56.1	1.083		07/11/07	10/08/13	12/31/11
3066	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	126-127	3.00E+01	38	0.8229	10000	08/17/07	10/08/13	12/31/11
3067	Vinylformamide, N-	13162-05-5	210	0.1	25	1.014		07/11/07	11/19/14	11/19/14
3068	**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
3069	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	<-70				55000	06/13/02	10/08/13	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)
3070	Vinylmagnesium bromide	1826-67-1	131.25	mg/m^3	5.36	C2.H3.Br.Mg	L	
3071	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9	50000	mg/m^3	2043.57	(C9.H9.N.O.C4.H6.O2)x	S	
3072	Viscumin; (Mistletoe lectin)	83590-17-4		mg/m^3		[Unspecified]	S	
3073	Volkensin	91933-11-8	584.69	mg/m^3	23.90	C33H44O9	S	
3074	Warfarin	81-81-2	308.35	mg/m^3	12.60	C19H16O4	S	161
3075	Warfarin sodium	129-06-6	330.33	mg/m^3	13.50	C19H15O4.Na	S	159-165
3076	Xenon	7440-63-3	131.29	ppm	5.37	Xe	G	-112
3077	Xylene, m- (includes o- (95-47-6) and p- (106-42-3) isomers)	108-38-3	106.17	ppm	4.34	C8H10	L	-47.8
3078	**Xylenes**	**1330-20-7**	106.17	ppm	4.34	C8H10	L	
3079	Xylenol orange tetrasodium salt	3618-43-7	764.63	mg/m^3	31.25	C31H32N2Na4O13S	S powd	
3080	Xylidines, mixed isomers; includes 2,6-xylidine (87-62-7) and 2,3-xylidine (87-59-2)	1300-73-8	121.18	ppm	4.95	C8H11N	L	-36
3081	Xylylene dichloride	28347-13-9	175.06	mg/m^3	7.15	C8H8Cl2	S	34-37
3082	Ytterbium fluoride	13760-80-0	230.04	mg/m^3	9.40	F3Yb	S	1157
3083	Ytterbium oxide	1314-37-0	394.08	mg/m^3	16.11	Yb2-O3	S	2435
3084	Yttrium	7440-65-5	88.91	mg/m^3	3.63	Y	S	1522
3085	Yttrium chloride, hexahydrate	10025-94-2	303.38	mg/m^3	12.40	Y.Cl3-6(H2.O)	S	
3086	Yttrium oxide	11130-29-3	104.91	mg/m^3	4.29	OY	S	
3087	Yttrium trioxide	1314-36-9	225.82	mg/m^3	9.23	Y2-O3	S	2410
3088	Zeolites, CaA	68989-20-8		mg/m^3			S	
3089	Zeolites, KA	68989-21-9		mg/m^3		KnNa12-n[(AlO2)12(SiO2)12] · xH2O	S	
3090	Zeolites, NaA	68989-22-0		mg/m^3			S	
3091	Zeolites, NaX	68989-23-1		mg/m^3			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
3070	Vinylmagnesium bromide	1826-67-1				0.98		07/11/07	10/08/13	12/31/11
3071	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9				1.27		07/11/07	01/16/13	01/16/13
3072	Viscumin; (Mistletoe lectin)	83590-17-4						01/13/15		
3073	Volkensin	91933-11-8						01/16/15		
3074	Warfarin	81-81-2	356	0.00001	25			12/08/02	10/08/13	12/31/11
3075	Warfarin sodium	129-06-6	dec	0.00001	25			12/08/02	01/16/13	01/16/13
3076	Xenon	7440-63-3	-107			3.52 @ 109°C		04/14/04	10/08/13	
3077	Xylene, m- (includes 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	03/09/16	03/09/16
3078	**Xylenes**	**1330-20-7**	Grade Dependent	16-Jun	20	0.86 @ 20°C	9000	08/21/96	02/12/15	02/28/08
3079	Xylenol orange tetrasodium salt	3618-43-7						01/10/01	10/08/13	12/31/11
3080	Xylidines, mixed isomers; includes 2,6-xylidine (87-62-7) and 2,3-xylidine (87-59-2)	1300-73-8	213-226			.97-.99 no temp		09/30/97	11/30/15	11/30/15
3081	Xylylene dichloride	28347-13-9	239	0.02	25	1.202		12/08/02	10/08/13	12/31/11
3082	Ytterbium fluoride	13760-80-0	2200					08/07/98	10/08/13	04/27/12
3083	Ytterbium oxide	1314-37-0				9.2		12/08/02	10/08/13	12/31/11
3084	Yttrium	7440-65-5	3345	7.5x10-3	1610.1	4.47		09/30/97	03/14/16	12/31/11
3085	Yttrium chloride, hexahydrate	10025-94-2						10/18/07	07/30/14	01/16/13
3086	Yttrium oxide	11130-29-3						01/04/99	07/09/13	07/09/13
3087	Yttrium trioxide	1314-36-9				4.84		12/08/02	07/30/14	07/09/13
3088	Zeolites, CaA	68989-20-8						04/14/04	09/26/14	09/26/14
3089	Zeolites, KA	68989-21-9						04/14/04	09/26/14	12/31/11
3090	Zeolites, NaA	68989-22-0						04/14/04	09/26/14	09/26/14
3091	Zeolites, NaX	68989-23-1						04/14/04	09/26/14	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)
3092	Zinc	7440-66-6	65.41	mg/m^3	2.67	Zn	S	419.53
3093	Zinc acetate	557-34-6	183.47	mg/m^3	7.50	C4H6O4Zn	S	237
3094	Zinc acetate dihydrate	5970-45-6	219.51	mg/m^3	8.97	Zn.C4.H6.O4.2 H2O	S	237
3095	Zinc bromide	7699-45-8	225.19	mg/m^3	9.20	ZnBr2	S	394
3096	Zinc carbonate	3486-35-9	125.38	mg/m^3	5.12	Zn.CO3	S	
3097	Zinc carbonate hydroxide	5263-02-5	142.4	mg/m^3	5.82	Zn.C.O3.OH		
3098	Zinc chloride	7646-85-7	136.27	mg/m^3	5.57	Cl2Zn	S	290
3099	Zinc chromate; (Pigment yellow)	13530-65-9	181.37	mg/m^3	7.41	CrO4Zn	S	316
3100	Zinc cyanide	557-21-1	117.41	mg/m^3	4.80	(CN)2.Zn	S	800 decom
3101	Zinc fluoride	7783-49-5	103.37	mg/m^3	4.22	F2Zn	S	872
3102	Zinc hydroxide	20427-58-1	99.4	mg/m^3	4.06	H2O2Zn	S	
3103	Zinc nitrate	7779-88-6	189.42	mg/m^3	7.74	N2O6Zn	S	42.5
3104	Zinc nitrate hexahydrate	10196-18-6	297.51	mg/m^3	12.16	H12N2O12Zn	S	36 dec
3105	Zinc nitrite	10102-02-0	157.42	mg/m^3	6.43	N2O4Zn	S	
3106	Zinc oxide	1314-13-2	81.41	mg/m^3	3.33	OZn	S	1974
3107	Zinc perchlorate	13637-61-1	266.291	mg/m^3	10.88	Zn.2(Cl.H.O4)	S	
3108	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2	413.73	mg/m^3	16.91	Zn.C12H12O8S2	S	
3109	Zinc phosphate (3:2)	7779-90-0	386.05	mg/m^3	15.78	Zn3-(P-O4)2	S	900
3110	**Zinc phosphide**	**1314-84-7**	258.1	ppm	10.55	P2Zn3	S	420
3111	Zinc stearate	557-05-1	632.3	mg/m^3	25.84	C36H70O4Zn	S	130
3112	Zinc sulfate	7733-02-0	161.43	mg/m^3	6.60	O4SZn	S	740 dec
3113	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	287.57	mg/m^3	11.75	Zn.S.O4:7H2.O	S	100

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3092	Zinc	7440-66-6	907	7.5x10-3	337	7.134		12/30/95	08/08/14	01/23/12
3093	Zinc acetate	557-34-6				1.735		08/07/98	08/08/14	08/08/14
3094	Zinc acetate dihydrate	5970-45-6				1.735		04/14/04	08/08/14	08/0/14
3095	Zinc bromide	7699-45-8	697			4.3		06/13/02	08/10/14	08/10/14
3096	Zinc carbonate	3486-35-9				4.4		06/13/02	08/10/14	10/10/13
3097	Zinc carbonate hydroxide	5263-02-5						10/11/05	08/10/14	08/10/14
3098	Zinc chloride	7646-85-7	732	1	428	2.91		08/07/98	08/10/14	08/15/12
3099	Zinc chromate; (Pigment yellow)	13530-65-9				3.4		01/04/99	04/28/15	04/28/15
3100	Zinc cyanide	557-21-1				1.852		06/13/02	08/10/14	07/23/14
3101	Zinc fluoride	7783-49-5	1500	1	970	5.0025		08/07/98	08/10/14	12/31/11
3102	Zinc hydroxide	20427-58-1						12/08/02	08/10/14	01/13/14
3103	Zinc nitrate	7779-88-6				2.065 @ 14°C		12/30/95	08/15/14	08/11/14
3104	Zinc nitrate hexahydrate	10196-18-6				2.067		04/14/04	08/15/14	08/11/14
3105	Zinc nitrite	10102-02-0						04/15/07	08/11/14	08/11/14
3106	Zinc oxide	1314-13-2		~0	no temp	5.6		08/21/96	08/11/14	12/31/11
3107	Zinc perchlorate	13637-61-1						04/15/07	08/13/14	08/13/14
3108	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2						06/13/02	08/13/14	01/19/12
3109	Zinc phosphate (3:2)	7779-90-0				4		04/15/07	08/15/14	08/13/14
3110	**Zinc phosphide**	**1314-84-7**	1100	0.0000001	25	4.55 @ 13°C		04/15/07	02/12/15	02/13/12
3111	Zinc stearate	557-05-1				1.095		08/07/98	08/13/14	01/16/13
3112	Zinc sulfate	7733-02-0				3.74 @ 15°C		01/10/01	08/13/14	01/10/13
3113	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	>500 dec			1.97		04/14/04	08/13/14	08/13/14

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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)
3114	Zinc sulfide	1314-98-3	97.43	mg/m^3	3.98	SZn	S	1700
3115	Zirconium	7440-67-7	91.22	mg/m^3	3.73	Zr	S	1854.7
3116	Zirconium boride	12045-64-6	112.84	mg/m^3	4.61	Zr-B2	S	3000
3117	Zirconium carbide	12070-14-3	115.25	mg/m^3	4.71	Zr.C2	S	3400-3540
3118	Zirconium chloride oxide octahydrate	13520-92-8	322.28	mg/m^3	13.17	Cl2H16O9Zr	S	
3119	Zirconium fluoride	7783-64-4	167.22	mg/m^3	6.83	Zr-F4	V	
3120	Zirconium hydride	7704-99-6	93.24	mg/m^3	3.81	Zr.H2	S	
3121	Zirconium hydroxide	14475-63-9	159.254	mg/m^3	6.51	H4O4Zr	S	dec
3122	Zirconium nitrate	13746-89-9	339.26	mg/m^3	13.87	N4O12Zr	S	
3123	Zirconium nitride	25658-42-8	105.2267	mg/m^3	4.30	Zr-N	S	2960
3124	Zirconium nitrite	z-0088	275.25	mg/m^3	11.25	(NO2)4Zr	S	
3125	Zirconium oxide	1314-23-4	123.22	mg/m^3	5.04	O2Zr	S	
3126	Zirconium oxynitrate hydrate	14985-18-3	250	mg/m^3	10.22	ZrO(NO3)x H2O		
3127	Zirconium phosphide	12037-72-8	153.16752	mg/m^3	6.26	Zr-P2	S	
3128	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8	283.4	mg/m^3	11.58	Zr.K2F6	S	
3129	Zirconium silane	z-0089	147.391	mg/m^3	6.02	Zr-Si2	S	
3130	Zirconium silicate; (Zirconium silicon oxide; Zircon)	10101-52-7	187.3347	mg/m^3	7.66	Zr.H4.O4.Si	S	
3131	Zirconium sulfate tetrahydrate	7446-31-3	355.4	mg/m^3	14.53	Zr.(SO4)2.4H2O	S	410 decom
3132	Zirconium tetrachloride; (zirconium chloride)	10026-11-6	233.02	mg/m^3	9.52	Cl4Zr	S	437 subl.
3133	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	178.12	mg/m^3	7.28	Zr.Cl2.O	S	150
3134	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9	231.24	mg/m^3	9.45	N2O7Zr	S	
3135	Zonyl fsn fluorosurfactant	65545-80-4		mg/m^3		(C2.H4O)x(C.F2)y. .C2.H5.F.O	L	

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				mm Hg	T (°C)			Originally Derived	Last Reviewed	Last Revised
3114	Zinc sulfide	1314-98-3	sublime			4.09		02/09/12	08/13/14	08/13/14
3115	Zirconium	7440-67-7	4409	7.5x10-3	2366	6.52		12/30/95	07/30/14	09/19/12
3116	Zirconium boride	12045-64-6						12/08/02	07/31/14	09/19/12
3117	Zirconium carbide	12070-14-3	5100			6.73		04/14/04	07/31/14	12/31/11
3118	Zirconium chloride oxide octahydrate	13520-92-8						01/04/99	07/31/14	09/19/12
3119	Zirconium fluoride	7783-64-4						12/08/02	07/31/14	07/31/14
3120	Zirconium hydride	7704-99-6	> 300 dec			5.6		04/14/04	07/31/14	09/19/12
3121	Zirconium hydroxide	14475-63-9				3.24		12/08/02	07/31/14	12/31/11
3122	Zirconium nitrate	13746-89-9						01/04/99	07/31/14	12/31/11
3123	Zirconium nitride	25658-42-8				7.09		12/08/02	07/31/14	12/31/11
3124	Zirconium nitrite	z-0088						12/08/02	07/31/14	07/31/14
3125	Zirconium oxide	1314-23-4						01/10/01	07/31/14	12/31/11
3126	Zirconium oxynitrate hydrate	14985-18-3						01/10/01	07/31/14	12/31/11
3127	Zirconium phosphide	12037-72-8				5.1		12/08/02	07/31/14	07/31/14
3128	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8				3.48		06/13/02	07/31/14	07/31/14
3129	Zirconium silane	z-0089						12/08/02	08/01/14	12/31/11
3130	Zirconium silicate; (Zirconium silicon oxide; Zircon)	10101-52-7						04/14/04	08/01/14	12/31/11
3131	Zirconium sulfate tetrahydrate	7446-31-3				3.22 @ 16°C		06/13/02	08/01/14	09/19/12
3132	Zirconium tetrachloride; (zirconium chloride)	10026-11-6	331	1	190	2.8		01/04/99	07/31/14	12/31/11
3133	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	210			1.91		10/11/05	08/01/14	01/10/13
3134	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9						01/04/99	08/01/14	12/31/11
3135	Zonyl fsn fluorosurfactant	65545-80-4	80			1.06		07/11/07	10/09/13	12/31/11

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3136	zzAcrylic latex	z-0090		mg/m^3		[Unknown]	L	
3137	zzAlumination 301	z-0091		mg/m^3		[Unknown]		
3138	zzHydranal coulomat / AG	z-0092		mg/m^3		[Unknown]		
3139	zzHydrocarbon polymer	z-0093		mg/m^3		[Unknown]	S	
3140	zzHydrocount®, LSC cocktail	z-0094	106.17	ppm	4.34	[Unknown]		
3141	zzIconol®	z-0095		mg/m^3		[Unknown]		
3142	zzMonophase- S	z-0097		mg/m^3		[Unknown]		
3143	zzMornar	z-0098		mg/m^3		[Unknown]		
3144	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphosphate)	z-0099		mg/m^3		Mixture	L?	
3145	zzPropanol (-2) aluminum derivative	z-0101		mg/m^3		[Unknown]		
3146	zzSicapent	z-0103		mg/m^3		[Unknown]		

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
3136	zzAcrylic latex	z-0090						09/30/97	03/14/16	12/31/11
3137	zzAlumination 301	z-0091						08/07/98	10/09/13	12/31/11
3138	zzHydranal coulomat / AG	z-0092						08/07/98	10/09/13	12/31/11
3139	zzHydrocarbon polymer	z-0093						09/30/97	03/14/16	12/31/11
3140	zzHydrocount®, LSC cocktail	z-0094						07/09/97	02/05/16	02/05/16
3141	zzIconol®	z-0095						07/09/97	02/05/16	12/31/11
3142	zzMonophase- S	z-0097						08/07/98	10/09/13	12/31/11
3143	zzMornar	z-0098						08/07/98	10/09/13	12/31/11
3144	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphosphate)	z-0099						01/10/01	12/05/13	12/05/13
3145	zzPropanol (-2) aluminum derivative	z-0101						08/07/98	04/14/16	12/31/11
3146	zzSicapent	z-0103						08/07/98	10/09/13	12/31/11

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