

Attachment 1 Permissible Exposure Limits of Hazardous Substances in Air

No	Chinese name	English name	Formula	Notations	8-hour time weighted average		CAS No.	Remarks
					ppm	mg/m ³		
1	乙醛	Acetaldehyde	CH ₃ CHO		100	180	75-07-0	
2	醋酸	Acetic acid	CH ₃ COOH		10	25	64-19-7	
3	乙酸酐	Acetic anhydride	(CH ₃ CO) ₂ O		5	21	108-24-7	
4	丙酮	Acetone	(CH ₃) ₂ CO		200	475	67-64-1	Second-Class Organic Solvent
5	乙腈	Acetonitrile	CH ₃ CN		40	67	75-05-8	
6	四溴化乙炔 (1,1,2,2-四溴乙烷)	Acetylene tetrabromide	CHBr ₂ CHBr ₂		1	14	79-27-6	
7	丙烯醛	Acrolein	CH ₂ =CHCHO	Skin	0.1	0.23	107-02-8	
8	丙烯酰胺	Acrylamide	CH ₂ =CHCONH ₂	Skin		0.03	79-06-1	Specified Group-C1

								Chemical Substance
9	丙烯酸	Acrylic acid	$\text{CH}_2=\text{CHCOOH}$	Skin	10	30	79-10-7	
10	丙烯腈	Acrylonitrile	$\text{CH}_2=\text{CHCN}$	Skin	2	4.3	107-13-1	Specified Group-C1 Chemical Substance
11	阿特靈	Aldrin	$\text{C}_{12}\text{H}_8\text{Cl}_6$	Skin			309-00-2	Toxic Chemical Substance prohibited to be manufactured, imported, used or sold
12	2-丙烯-1-醇	Allyl alcohol	$\text{CH}_2=\text{CHCH}_2\text{OH}$	Skin	2	4.8	107-18-6	
13	3-氯丙烯	Allyl chloride	$\text{CH}_2=\text{CHCH}_2\text{Cl}$		1	3	107-05-1	
14	丙烯基縮水甘	Allyl glycidyl ether (AGE)	$\text{H}_2\text{C}=\text{CHCH}_2\text{OCH}_2\text{CHCH}_2\text{O}$	Ceiling	5	23	106-92-3	

	油醚							
15	4-胺基聯 苯及其 鹽類	4-Aminodiphenyl and its salts	$H(C_6H_4)_2NH_2$	Skin Tumor			92-67-1	Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance
16	2-胺吡啶	2-Aminopyridine	$C_5H_4NNH_2$		0.5	1.9	504-29-0	
17	氨	Ammonia	NH_3		50	35	7664-41-7	Specified Group-D Chemical Substance
18	氯化銨 (煙)	Ammonium chloride (fume)	NH_4Cl			10	12125-02-9	

19	乙酸正戊酯	n-Amyl acetate	$\text{CH}_3\text{COOC}_5\text{H}_{11}$		100	532	628-63-7	Second-Class Organic Solvent
20	乙酸第二戊酯	sec-Amyl acetate	$\text{CH}_3\text{COOCH}(\text{CH}_3)(\text{CH}_2)_2\text{CH}_3$		125	665	626-38-0	
21	苯胺	Aniline	$\text{C}_6\text{H}_5\text{NH}_2$	Skin	2	7.6	62-53-3	
22	甲氧苯胺 (鄰、對異構物)	Anisidine (o-, p-isomers)	$\text{CH}_3\text{OC}_6\text{H}_4\text{NH}_2$	Skin	0.1	0.5	29191-52-4 ; 90-04-0; 104-94-9	
23	銻及其化合物 (以銻計)	Antimony and its compounds (as Sb)	Sb			0.5	7440-36-0	
24	安妥 (α-萘硫脲)	ANTU (α-Naphthyl thiourea)	$\text{C}_{10}\text{H}_7\text{NHCSNH}_2$			0.3	86-88-4	
25	砷及其無機化合物 (以砷計)	Arsenic and its inorganic compounds (as As)	As	Tumor		0.01	7440-38-2	Specified Group-C3 Chemical Substance

26	有機砷 化合物 (以砷 計)	Arsenic organic compounds (as As)	As			0.5	7440-38-2	Specified Group-C3 Chemical Substance
27	砷化氫	Arsine	AsH ₃		0.05	0.16	7784-42-1	Specified Group-C3 Chemical Substance
28	奧黃	Auramine	[(CH ₃) ₂ NC ₆ H ₄] ₂ CNH	Tumor			2465-27-2	Specified Group-C3 Chemical Substance
29	谷速松	Azinphos-methyl	C ₁₀ H ₁₂ N ₃ O ₃ PS ₂	Skin		0.2	86-50-0	
30	鋇及其 可溶性 化合物 (以鋇 計)	Barium and its soluble compounds (as Ba)	Ba			0.5	7440-39-3	
31	苯	Benzene	C ₆ H ₆	Skin Tumor	1	3.2	71-43-2	Specified Group-C1

								Chemical Substance
32	聯苯胺及其鹽類	Benzidine and its salts	$\text{NH}_2(\text{C}_6\text{H}_4)_2\text{NH}_2$	Skin Tumor			92-87-5	Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance
33	過氧苯醯	Benzoyl peroxide	$(\text{C}_6\text{H}_5\text{CO})_2\text{O}_2$			5	94-36-0	
34	氯化甲基苯	Benzyl chloride	$\text{C}_6\text{H}_5\text{CH}_2\text{Cl}$		1	5.2	100-44-7	
35	鈹及其化合物	Beryllium and its compounds (as Be)	Be	Tumor		0.002	7440-41-7	Specified Group-B

	(以鈹計)							Chemical Substance
36	聯苯	Biphenyl	$C_6H_5C_6H_5$		0.2	1.3	92-52-4	
37	聯吡啶	Bipyridine (Dipyridyl)	$C_{10}H_8N_2$	Tumor			553-26-4	
38	三溴化硼	Boron tribromide	BBr_3	Ceiling	1	10	10294-33-4	
39	三氟化硼	Boron trifluoride	BF_3	Ceiling	1	2.8	7637-07-2	
40	溴	Bromine	Br_2		0.1	0.66	7726-95-6	
41	五氟化溴	Bromine pentafluoride	BrF_5		0.1	0.72	7789-30-2	
42	三溴甲烷	Bromoform	$CHBr_3$	Skin	0.5	5.2	75-25-2	
43	1-溴丙烷	1-Bromopropane	$CH_3CH_2CH_2Br$	Skin	0.5	2.6	106-94-5	
44	1,3-丁二烯	1,3-Butadiene	$CH_2=CHCH=CH_2$	Tumor	5	11	106-99-0	
45	正丁烷	n-Butane	$CH_3CH_2CH_2CH_3$		800	1900	106-97-8	
46	1-丁硫醇	1-Butanethiol	C_4H_9SH		0.5	1.8	109-79-5	
47	1-丁醇	1-Butanol	$CH_3(CH_2)_3OH$		100	303	71-36-3	Second-Class Organic

									Solvent
48	2-丁醇	2-Butanol	$\text{CH}_3\text{CHOHCH}_2\text{CH}_3$		150	454	78-92-2	Second-Class Organic Solvent	
49	乙酸正丁酯	n-Butyl acetate	$\text{CH}_3\text{COOC}_4\text{H}_9$		150	712	123-86-4	Second-Class Organic Solvent	
50	乙酸第二丁酯	sec-Butyl acetate	$\text{CH}_3\text{COOCH}(\text{CH}_3)(\text{C}_2\text{H}_5)$		200	950	105-46-4		
51	乙酸第三丁酯	tert-Butyl acetate	$\text{CH}_3\text{COOC}(\text{CH}_3)_3$		200	950	540-88-5		
52	第三丁醇	tert-Butyl alcohol	$(\text{CH}_3)_3\text{COH}$		100	303	75-65-0		
53	正丁胺	n-Butylamine	$\text{C}_4\text{H}_9\text{NH}_2$	Skin Ceiling	5	15	109-73-9		
54	正丁基縮水甘油醚	n-Butyl glycidyl ether (BGE)	$\text{CH}_3(\text{CH}_2)_3\text{OCH}_2\text{CHCH}_2\text{O}$		25	133	2426-08-6		
55	乳酸正丁酯	n-Butyl lactate	$\text{CH}_3\text{CHOHCOOC}_4\text{H}_9$		5	30	138-22-7		

56	鄰-第二 丁酚	o-sec-Butylphenol	$\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{C}_6\text{H}_4\text{OH}$	Skin	5	31	89-72-5	
57	對-第三 丁基甲 苯	p-tert-Butyltoluene	$(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{CH}_3$		10	61	98-51-1	
58	鎘及其 化合物 (以鎘 計)	Cadmium and its compounds (as Cd)	Cd	Tumor		0.05	7440-43-9	Specified Group-C3 Chemical Substance
59	砷酸鈣	Calcium arsenate	$\text{Ca}_3(\text{AsO}_4)_2$			1	7778-44-1	Specified Group-C3 Chemical Substance
60	氰胺化 鈣	Calcium cyanamide	CaNCN			0.5	156-62-7	
61	氫氧化 鈣	Calcium hydroxide	$\text{Ca}(\text{OH})_2$			5	1305-62-0	
62	氧化鈣	Calcium oxide	CaO			5	1305-78-8	
63	合成樟 腦	Camphor (Synthetic)	$\text{C}_{10}\text{H}_{16}\text{O}$		2	12	76-22-2	

64	己內醯 胺（粉 塵）	Caprolactam, dust	$\text{CH}_2(\text{CH}_2)_4\text{NHCO}$			1	105-60-2	
65	己內醯 胺（蒸 氣）	Caprolactam, vapor	$\text{CH}_2(\text{CH}_2)_4\text{NHCO}$		5	23	105-60-2	
66	加保利	Carbaryl (Sevin)	$\text{C}_{10}\text{H}_7\text{OOCNHCH}_3$			5	63-25-2	
67	加保扶	Carbofuran	$\text{C}_{12}\text{H}_{15}\text{NO}_3$			0.1	1563-66-2	
68	碳黑	Carbon black	C			3.5	1333-86-4	
69	二氧化 碳	Carbon dioxide	CO_2		5000	9000	124-38-9	10,000 ppm in Coal mine
70	二硫化 碳	Carbon disulfide	CS_2	Skin	10	31	75-15-0	First-Class Organic Solvent
71	一氧化 碳	Carbon monoxide	CO		35	40	630-08-0	Specified Group-D Chemical Substance
72	四氯化 碳	Carbon tetrachloride	CCl_4	Skin	2	13	56-23-5	First-Class Organic

									Solvent
73	氫氧化 銫	Cesium hydroxide	CsOH			2	21351-79-1		
74	氯丹	Chlordane	C ₁₀ H ₆ Cl ₈	Skin		0.5	57-74-9		Toxic Chemical Substance prohibited to be manufactured , imported, used or sold
75	氯化氯 二苯	Chlorinated diphenyl oxide	C ₁₂ H ₄ Cl ₆ O			0.5	55720-99-5		
76	氯	Chlorine	Cl ₂	Ceiling	0.5	1.5	7782-50-5		Specified Group-C1 Chemical Substance
77	二氧化 氯	Chlorine dioxide	ClO ₂		0.1	0.28	10049-04-4		
78	三氟化	Chlorine trifluoride	ClF ₃	Ceiling	0.1	0.38	7790-91-2		Specified

	氯								Group-C1 Chemical Substance
79	一氯乙 醛	Chloroacetaldehyde	ClCH ₂ CHO	Ceiling	1	3.2	107-20-0		
80	α-苯氯乙 酮 (ω-苯 氯乙酮)	α-Chloroacetophenone (ω-Chloroacetophenone)	C ₆ H ₅ COCH ₂ Cl		0.05	0.32	532-27-4		
81	氯乙醯 氯	Chloroacetyl chloride	CH ₂ ClCOCl		0.05	0.23	79-04-9		
82	氯苯	Chlorobenzene	C ₆ H ₅ Cl		75	345	108-90-7	Second-Class Organic Solvent	
83	溴氯甲 烷	Chlorobromomethane	BrCH ₂ Cl		200	1060	74-97-5		
84	2-氯-1,3- 丁二烯	2-Chloro-1,3-butadiene	H ₂ C=CClCH=CH ₂	Skin	10	36	126-99-8		
85	氯二氟 甲烷	Chlorodifluoromethane	CHClF ₂		1000	3540	75-45-6		
86	氯乙烷	Chloroethane	CH ₃ CH ₂ Cl		1000	2640	75-00-3		

87	2-氯乙醇	2-Chloroethanol	$\text{ClCH}_2\text{CH}_2\text{OH}$	Skin	1	3.3	107-07-3	
88	二氯甲醚	Bis-Chloromethyl ether	$\text{ClCH}_2\text{OCH}_2\text{Cl}$	Tumor	0.001	0.0047	542-88-1	Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance
89	氯甲基甲醚	Chloromethyl methyl ether	$\text{ClCH}_2\text{OCH}_3$	Tumor			107-30-2	Toxic Chemical Substance prohibited to be manufactured, imported,

								used or sold; Specified Group-A Chemical Substance
90	1-氯-1-硝基丙烷	1-Chloro-1-nitropropane	$C_3H_6ClNO_2$		2	10	600-25-9	
91	氯五氟乙烷	Chloropentafluoroethane	$CClF_2CF_3$		1000	6320	76-15-3	
92	氯化苦 (三氯硝甲烷)	Chloropicrin (Trichloronitromethane)	CCl_3NO_2		0.1	0.67	76-06-2	
93	鄰-氯苯乙烯	o-Chlorostyrene	$ClC_6H_4CH=CH_2$		50	283	2039-87-4	
94	鄰-氯甲苯	o-Chlorotoluene	$ClC_6H_4CH_3$		50	259	95-49-8	
95	鉻金屬 (以鉻計)	Chromium metal (as Cr)	Cr			1	7440-47-3	

96	六價鉻 化合物 (以鉻 計)	Chromium (VI) compounds (as Cr)	CrO_4^{2-} , $\text{Cr}_2\text{O}_7^{2-}$, CrO_3	Tumor		0.05		Chromic acid belongs to Specified Group-C3 Chemical Substance
97	二價鉻 化合物 (以鉻 計)	Chromium (II Cr			0.5		
98	三價鉻 化合物 (以鉻 計)	Chromium (III Cr			0.5		
99	煤焦油 瀝青揮 發物	Coal tar pitch volatiles		Tumor		0.2	65996-93-2	Specified Group-C3 Chemical Substance
100	鈷，金屬 煙及	Cobalt, metal fume and dust (as Co)	Co/CoO/Co ₂ O ₂ /Co ₂ O ₄			0.05	7440-48-4	

	粉塵 (以 鈷計)							
10 1	煉焦爐 逸散物	Coke-oven emissions		Tumor		0.15		
10 2	銅，煙煙	Copper, fume	Cu/Cu ₂ O/CuO			0.2	7440-50-8	
10 3	銅，粉塵 和霧滴 (以銅 計)	Copper, dust and mist (as Cu)	CuSO ₄ ·5H ₂ O/CuCl			1	7440-50-8	
10 4	棉塵	Cotton dust				0.2		Except cotton fiber
10 5	巴豆醛	Crotonaldehyde	CH ₃ CH=CHCHO		2	5.7	4170-30-3	
10 6	異丙苯	Cumene (Isopropyl benzene)	C ₆ H ₅ CH(CH ₃) ₂	Skin	50	246	98-82-8	
10 7	甲酚 (包 括所有 異構物)	Cresol (all isomers)	CH ₃ C ₆ H ₄ OH	Skin	5	22	1319-77-3; 95-48-7; 108-39-4; 106-44-5	Second-Class Organic Solvent

10 8	氰胺 (氰 滿素)	Cyanamide	H_2NCN			2	420-04-2	
10 9	氰化物 (以氰 根計)	Cyanides (as CN^-)	CN^-	Skin		5		Potassium cyanide and sodium cyanide belong to Specified Group-C3 Chemical Substance
11 0	環己胺	Cyclohexylamine	$C_6H_{11}NH_2$		10	41	108-91-8	
11 1	環己烷	Cyclohexane	C_6H_{12}		300	1030	110-82-7	
11 2	環己醇	Cyclohexanol	$C_6H_{11}OH$	Skin	50	206	108-93-0	Second-Class Organic Solvent
11 3	環己酮	Cyclohexanone	$C_6H_{10}CO$	Skin	25	100	108-94-1	Second-Class Organic Solvent
11 4	1,3-環戊 二烯	1,3-Cyclopentadiene	C_5H_6		75	203	542-92-7	

11 5	環戊烷	Cyclopentane	C_5H_{10}		600	1720	287-92-3	
11 6	2,4-地 (2,4-二 氯苯氧 乙酸)	2,4-D (2,4-Dichlorophenoxyacetic acid)	$Cl_2C_6H_3OCH_2COOH$			10	94-75-7	
11 7	十硼烷	Decaborane	$B_{10}H_{14}$	Skin	0.05	0.25	17702-41-9	
11 8	滅賜松	Demeton	$C_8H_{19}O_3PS_2$	Skin	0.01	0.11	8065-48-3	
11 9	二丙酮 醇	Diacetone alcohol	$(CH_3)_2C(OH)CH_2COCH_3$		50	238	123-42-2	
12 0	大利松	Diazinon	$[(CH_3)_2CHC_4N_2H(CH_3)O]PS(OC_2H_5)_2$	Skin		0.01	333-41-5	
12 1	重氮甲 烷	Diazomethane	CH_2N_2	Tumor	0.2	0.34	334-88-3	
12 2	二硼烷	Diborane	B_2H_6		0.1	0.11	19287-45-7	
12 3	磷酸二 丁酯	Dibutyl phosphate	$(C_4H_9O)_2POOH$		1	8.6	107-66-4	

12 4	鄰苯二甲酸丁酯	Dibutyl phthalate	$C_6H_4(COOC_4H_9)_2$			5	84-74-2	
12 5	鄰-二甲氧基聯苯胺及其鹽類	Dianisidine and its salts	$(C_6H_3(NH_2)OCH_3)_2$	Tumor			119-90-4	Specified Group-B Chemical Substance
12 6	二氯乙炔	Dichloroacetylene	C_2Cl_2	Ceiling	0.1	0.39	7572-29-4	
12 7	鄰-二氯苯	o-Dichlorobenzene	$C_6H_4Cl_2$	Ceiling	50	301	95-50-1	Second-Class Organic Solvent
12 8	對-二氯苯	p-Dichlorobenzene	$C_6H_4Cl_2$		75	450	106-46-7	
12 9	3,3'-二氯聯苯胺及其鹽類	3,3'-Dichlorobenzidine and its salts	$(C_6H_3ClNH_2)_2$	Skin Tumor			91-94-1	Specified Group-B Chemical Substance
13 0	二氯二氟甲烷	Dichlorodifluoromethane	CCl_2F_2		1000	4950	75-71-8	

13	1,3-二氯 -5,5-二甲 基乙内 酞脲	1,3-Dichloro-5,5-dimethylhydantoin	$C_5H_6Cl_2N_2O_2$			0.2	118-52-5	
13	1,1-二氯 乙烷	1,1-Dichloroethane	CH_3CHCl_2		100	405	75-34-3	
13	1,2-二氯 乙烷	1,2-Dichloroethane (Ethylene dichloride)	CH_2ClCH_2Cl		10	40	107-06-2	First-Class Organic Solvent
13	1,2-二氯 乙烯	1,2-Dichloroethylene	$ClCH=CHCl$		200	793	540-59-0	First-Class Organic Solvent
13	二氯乙 醚	Dichloroethyl ether	$(ClCH_2CH_2)_2O$	Ceiling Skin	5	29	111-44-4	
13	二氯甲 烷	Dichloromethane (Methylene chloride)	CH_2Cl_2	Tumor	50	174	75-09-2	Second-Class Organic Solvent
13	二氯氟 甲烷	Dichloromonofluoromethane	$CHCl_2F$		10	42	75-43-4	
13	1,1-二氯	1,1-Dichloro-1-nitroethane	$H_3CC(Cl)_2NO_2$	Ceiling	2	12	594-72-9	

8	-1-硝基 乙烷							
13 9	1,2-二氯 丙烷	1,2-Dichloropropane	CH ₃ CHClCH ₂ Cl		75	347	78-87-5	
14 0	1,3-二氯 丙烯	1,3-Dichloropropene	CHCl=CHCH ₂ Cl	Skin	1	4.5	542-75-6	
14 1	2,2-二氯 丙酸	2,2-Dichloropropionic acid	CH ₃ CCl ₂ COOH		1	5.8	75-99-0	
14	1,1,2,2- 四氟-1,2- 二氯乙 烷	1,2-Dichloro-1,1,2,2-tetrafluoroethane	CClF ₂ CClF ₂		1000	6990	76-14-2	
14 3	雙特松	Dicrotophos	(CH ₃ O) ₂ P(O)OC(CH ₃)=CHC(O)N(CH ₃) ₂	Skin		0.25	141-66-2	
14 4	二環戊 二烯	Dicyclopentadiene	C ₁₀ H ₁₂		5	27	77-73-6	
14 5	地特靈	Dieldrin	C ₁₂ H ₈ Cl ₆ O	Skin			60-57-1	Toxic Chemical Substance prohibited to

								be manufactured , imported, used or sold
14 6	二乙醇 胺	Diethanolamine	$(\text{HOCH}_2\text{CH}_2)_2\text{NH}$		3	13	111-42-2	
14 7	二乙胺	Diethylamine	$(\text{C}_2\text{H}_5)_2\text{NH}$		10	30	109-89-7	
14 8	2-二乙胺 基乙醇	2-Diethylaminoethanol	$(\text{C}_2\text{H}_5)_2\text{NCH}_2\text{CH}_2\text{OH}$	Skin	10	48	100-37-8	
14 9	二次乙 基三胺	Diethylenetriamine	$\text{NH}_2\text{C}_2\text{H}_4\text{NHC}_2\text{H}_4\text{NH}_2$	Skin	1	4.2	111-40-0	
15 0	二乙酮	Diethyl ketone	$\text{C}_2\text{H}_5\text{COC}_2\text{H}_5$		200	705	96-22-0	
15 1	鄰苯二 甲酸二 乙酯	Diethyl phthalate	$\text{C}_6\text{H}_4(\text{CO}_2\text{C}_2\text{H}_5)_2$			5	84-66-2	
15 2	二溴二 氟甲烷	Difluorodibromomethane	CF_2Br_2		100	858	75-61-6	
15	縮水甘	Diglycidyl ether (DGE)	$\text{OCH}_2\text{CHCH}_2\text{OCH}_2\text{CHCH}_2\text{O}$	Ceiling	0.1	0.53	2238-07-5	

3	油醚							
15 4	二異丁 酮	Diisobutyl ketone	$(C_4H_9)_2CO$		25	145	108-83-8	
15 5	二異丙 胺	Diisopropylamine	$[(CH_3)_2CH]_2NH$	Skin	5	21	108-18-9	
15 6	N,N-二 甲基乙 醯胺	N,N-Dimethylacetamide	$CH_3CON(CH_3)_2$	Skin	10	36	127-19-5	
15 7	二甲胺	Dimethylamine	$(CH_3)_2NH$		10	18	124-40-3	
15 8	N,N-二 甲基苯 胺	N,N-Dimethylaniline	$C_6H_5N(CH_3)_2$	Skin	5	25	121-69-7	
15 9	二氯松	DDVP (Dimethyl dichlorovinyl phosphate)	$(CH_3)_2PO_4CH=CCl_2$	Skin	0.1	1	62-73-7	
16 0	N,N-二 甲基甲 醯胺	N,N-Dimethylformamide (DMF)	$HCON(CH_3)_2$	Skin	10	30	68-12-2	Second-Class Organic Solvent
16 1	鄰苯二 甲酸二	Dimethyl phthalate	$C_6H_4(COOCH_3)_2$			5	131-11-3	

	甲酯							
16 2	硫酸二 甲酯	Dimethyl sulfate	$(\text{CH}_3)_2\text{SO}_4$	Skin	0.1	0.52	77-78-1	Specified Group-C1 Chemical Substance
16 3	二硝基 苯 (含異 構物)	Dinitrobenzene (all isomers)	$\text{C}_6\text{H}_4(\text{NO}_2)_2$	Skin	0.15	1	25454-54-5 ; 528-29-0; 99-65-0; 100-25-4	
16 4	4,6-二硝 基-鄰-甲 酚	4,6-Dinitro-o-cresol	$\text{CH}_3\text{C}_6\text{H}_2(\text{NO}_2)_2\text{OH}$	Skin		0.2	534-52-1	
16 5	2,4-二硝 基甲苯	2,4-Dinitrotoluene	$\text{C}_6\text{H}_3\text{CH}_3(\text{NO}_2)_2$	Skin		1.5	25321-14-6	
16 6	鄰-苯二 甲酸二 辛酯	o-Dioctyl phthalate	$\text{C}_6\text{H}_4(\text{COOC}_8\text{H}_{17})_2$			5	117-81-7	
16 7	1,4-二氧 陸園	1,4-Dioxane	$(\text{C}_2\text{H}_4)_2\text{O}_2$	Skin	25	90	123-91-1	Second-Class Organic

								Solvent
16 8	大克松	Dioxathion	$C_4H_6O_2[SPS(OC_2H_5)_2]_2$	Skin		0.2	78-34-2	
16 9	二苯胺	Diphenylamine	$(C_6H_5)_2NH$			10	122-39-4	
17 0	二丙二 醇甲醚	Dipropylene glycol methyl ether	$CH_3OC_3H_6OC_3H_6OH$	Skin	100	606	34590-94-8	
17 1	二丙基 酮	Dipropyl ketone	$(CH_3CH_2CH_2)_2CO$		50	233	123-19-3	
17 2	二硫松	Disulfoton	$(C_2H_5O)_2P(S)SCH_2CH_2SCH_2CH_3$	Skin		0.1	298-04-4	
17 3	二乙烯 苯	Divinylbenzene (DVB)	$C_6H_4(CHCH_2)_2$		10	53	1321-74-0	
17 4	安殺番	Endosulfan	$C_9H_6Cl_6O_3S$	Skin		0.1	115-29-7	Endosulfan 35% emulsion belongs to prohibited pesticide
17	安特靈	Endrin	$C_{12}H_8Cl_6O$	Skin			72-20-8	Toxic

5								Chemical Substance prohibited to be manufactured, imported, used or sold
17 6	一品松	EPN	$C_6H_5P(C_2H_5O)(S)OC_6H_4NO_2$	Skin		0.5	2104-64-5	
17 7	環氧氯 丙烷	Epichlorohydrin	OCH_2CHCH_2Cl	Skin	2	7.6	106-89-8	
17 8	1,2-環氧 丙烷	1,2-Epoxypropane	OCH_2CHCH_3		20	48	75-56-9	
17 9	2,3-環氧 丙醇	2,3-Epoxy-1-propanol (Glycidol)	$CH_2OHCHCH_2O$		25	76	556-52-5	
18 0	乙醇胺	Ethanolamine	$NH_2CH_2CH_2OH$		3	7.5	141-43-5	
18 1	愛殺松	Ethion	$[(C_2H_5O)_2P(S)S]_2CH_2$	Skin		0.4	563-12-2	
18	乙胺	Ethylamine	$C_2H_5NH_2$		10	18	75-04-7	

2								
18 3	乙酸乙酯	Ethyl acetate	$\text{CH}_3\text{COOC}_2\text{H}_5$		400	1440	141-78-6	Second-Class Organic Solvent
18 4	丙烯酸乙酯	Ethyl acrylate	$\text{CH}_2=\text{CHCOOC}_2\text{H}_5$		25	102	140-88-5	
18 5	乙醇	Ethyl alcohol	$\text{C}_2\text{H}_5\text{OH}$		1000	1880	64-17-5	
18 6	5-甲基-3-庚酮	Ethyl amyl ketone	$\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{COCH}_2\text{CH}_3$		25	131	541-85-5	
18 7	溴乙烷	Ethyl bromide	$\text{C}_2\text{H}_5\text{Br}$	Skin	200	892	74-96-4	
18 8	3-庚酮	Ethyl butyl ketone	$\text{CH}_3(\text{CH}_2)_3\text{COCH}_2\text{CH}_3$		50	234	106-35-4	
18 9	乙醚	Ethyl ether	$(\text{C}_2\text{H}_5)_2\text{O}$		400	1210	60-29-7	Second-Class Organic Solvent
19 0	乙二胺 (伸乙二胺)	Ethylenediamine	$\text{NH}_2\text{CH}_2\text{CH}_2\text{NH}_2$	Skin	10	25	107-15-3	

19	二溴乙 1 烷	Ethylene dibromide	$C_2H_4Br_2$	Skin	20	154	106-93-4	Prohibited pesticide
19	乙二醇 2 (霧滴)	Ethylene glycol (mist)	CH_2OHCH_2OH			10	107-21-1	
19	乙二醇 3 (蒸氣)	Ethylene glycol (vapor)	CH_2OHCH_2OH	Ceiling	50	127	107-21-1	
19	次乙亞 4 胺	Ethylenimine	H_2CNHCH_2	Skin	0.5	0.88	151-56-4	Specified Group-C1 Chemical Substance
19	乙二醇 5 丁醚	Ethylene glycol monobutyl ether	$CH_2OHCH_2OC_4H_9$	Skin	25	121	111-76-2	Second-Class Organic Solvent
19	乙二醇 6 乙醚	Ethylene glycol monoethyl ether	$CH_2OHCH_2OC_2H_5$	Skin	5	18	110-80-5	Second-Class Organic Solvent
19	乙二醇 乙醚醋 7 酸酯	Ethylene glycol monoethyl ether acetate	$C_2H_5OCH_2CH_2COOCH_3$	Skin	5	27	111-15-9	Second-Class Organic Solvent
19	乙二醇	Ethylene glycol monomethyl ether	$CH_2OHCH_2OCH_3$	Skin	5	16	109-86-4	Second-Class

8	甲醚							Organic Solvent
19 9	乙二醇 甲醚醋 酸酯	Ethylene glycol monomethyl ether acetate	$\text{CH}_3\text{COOCH}_2\text{CH}_2\text{OCH}_3$	Skin	5	24	110-49-6	
20 0	環氧乙 烷	Ethylene oxide	$\text{C}_2\text{H}_4\text{O}$	Tumor	1	1.8	75-21-8	Specified Group-C1 Chemical Substance
20 1	甲酸乙 酯	Ethyl formate	HCOOC_2H_5		100	303	109-94-4	
20 2	乙硫醇	Ethyl mercaptan	$\text{C}_2\text{H}_5\text{SH}$	Ceiling	10	25	75-08-1	
20 3	N-乙基 -1,4-氧氮 陸園	N-Ethylmorpholine	$\text{CH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{NCH}_2\text{CH}_3$	Skin	5	24	100-74-3	
20 4	樂乃松	Fenchlorphos (Ronnel)	$(\text{CH}_3\text{O})_2\text{P}(\text{S})\text{OC}_6\text{H}_2\text{Cl}_3$			10	299-84-3	Toxic Chemical Substance prohibited to

								be manufactured , imported, used or sold
20 5	鈮亞鐵 合金（粉 塵）	Ferrovandium (dust)				1	12604-58-9	
20 6	氟化物 （以氟 計）	Fluorides (as F)	F			2.5		
20 7	氟	Fluorine	F ₂		1	1.6	7782-41-4	
20 8	氟三氯 甲烷	Fluorotrichloromethane	CCl ₃ F		1000	5620	75-69-4	
20 9	甲醯胺	Formamide	HCONH ₂	Skin	20	37	75-12-7	
21 0	甲醛	Formaldehyde	HCHO	Tumor	1	1.2	50-00-0	Specified Group-D Chemical Substance

21 1	甲酸	Formic acid	HCOOH		5	9.4	64-18-6	
21 2	呋喃甲 醛	Furfural	C ₄ H ₃ OCHO	Skin	2	7.9	98-01-1	
21 3	呋喃甲 醇	Furfuryl alcohol	C ₄ H ₃ OCH ₂ OH	Skin	10	40	98-00-0	
21 4	汽油	Gasoline			300	890	8006-61-9	Gasoline with benzene volume rate above 1% belongs to Category C1 chemical; when used as solvent, is belong to the Third-Class Organic Solvent
21	四氫化	Germanium tetrahydride	GeH ₄		0.2	0.63	7782-65-2	

5	鋳							
21 6	戊二醛	Glutaraldehyde	OHC(CH ₂) ₃ CHO	Ceiling	0.2	0.82	111-30-8	
21 7	穀粉	Grain dust				10		
21 8	鈹	Hafnium	Hf			0.5	7440-58-6	
21 9	飛佈達	Heptachlor	C ₁₀ H ₅ Cl ₇	Skin		0.5	76-44-8	Toxic Chemical Substance prohibited to be manufactured , imported, used or sold
22 0	正庚烷	n-Heptane	CH ₃ (CH ₂) ₅ CH ₃		400	1640	142-82-5	
22 1	六氯丁 二烯	Hexachlorobutadiene	Cl ₂ CCCICCl ₂	Skin	0.02	0.21	87-68-3	
22	六氯環	Hexachlorocyclopentadiene	C ₅ Cl ₆		0.01	0.11	77-47-4	

2	戊二烯							
22 3	六氯乙 烷	Hexachloroethane	Cl_3CCCl_3	Skin	1	9.7	67-72-1	
22 4	六氯萘	Hexachloronaphthalene	$\text{C}_{10}\text{H}_2\text{Cl}_6$	Skin		0.2	1335-87-1	
22 5	六氟丙 酮	Hexafluoroacetone	CF_3COCF_3	Skin	0.1	0.68	684-16-2	
22 6	六亞甲 基二異 氰酸酯	Hexamethylene diisocyanate (HDI)	$\text{OCN}(\text{CH}_2)_6\text{NCO}$		0.005	0.034	822-06-0	
22 7	正己烷	n-Hexane	$\text{CH}_3(\text{CH}_2)_4\text{CH}_3$	Skin	50	176	110-54-3	Second-Class Organic Solvent
22 8	己烷異 構物	Hexane isomers	C_6H_{14}		500	1760		
22 9	乙酸第 二己酯	sec-Hexyl acetate	$\text{CH}_3\text{COOC}_6\text{H}_{13}$		50	295	108-84-9	
23 0	2-甲基 -2,4-戊二 醇	Hexylene glycol	$(\text{CH}_3)_2\text{COHCH}_2\text{CHOHCH}_3$	Ceiling	25	121	107-41-5	

23 1	溴化氫	Hydrogen bromide	HBr	Ceiling	3	9.9	10035-10-6	Specified Group-C1 Chemical Substance
23 2	氯化氫	Hydrogen chloride	HCl	Ceiling	5	7.5	7647-01-0	Specified Group-D Chemical Substance
23 3	聯胺	Hydrazine	NH ₂ NH ₂	Skin	0.1	0.13	302-01-2	
23 4	氰化氫	Hydrogen cyanide	HCN	Skin	10	11	74-90-8	Specified Group-C1 Chemical Substance
23 5	氟化氫	Hydrogen fluoride	HF		3	2.6	7664-39-3	Specified Group-C1 Chemical Substance; Prohibited to be used as

								chemical weapons
23 6	過氧化 氫	Hydrogen peroxide	H ₂ O ₂		1	1.4	7722-84-1	
23 7	硒化氫	Hydrogen selenide	H ₂ Se		0.05	0.16	7783-07-5	
23 8	硫化氫	Hydrogen sulfide	H ₂ S	Ceiling	10	14	7783-06-4	Specified Group-C1 Chemical Substance
23 9	氫醌	Hydroquinone	C ₆ H ₄ (OH) ₂			2	123-31-9	
24 0	銦及其 化合物 (以銦 計)	Indium and its compounds (as In)	In			0.1	7440-74-6	
24 1	碘	Iodine	I ₂	Ceiling	0.1	1	7553-56-2	
24 2	五羰鐵 (以鐵	Iron pentacarbonyl (as Fe)	Fe(CO) ₅		0.1	0.23	13463-40-6	

	計)							
24 3	氧化鐵 (煙煙)	Iron oxide (fume)	FeO, Fe ₃ O ₄			10	1309-37-1	
24 4	乙酸異 戊酯	Isoamyl acetate	CH ₃ COO(CH ₂) ₂ CH(CH ₃) ₂		100	532	123-92-2	Second-Class Organic Solvent
24 5	異戊醇	Isoamyl alcohol	(CH ₃) ₂ CHCH ₂ CH ₂ OH		100	361	123-51-3	Second-Class Organic Solvent
24 6	乙酸異 丁酯	Isobutyl acetate	CH ₃ COOCH ₂ CH(CH ₃) ₂		150	713	110-19-0	Second-Class Organic Solvent
24 7	異丁醇	Isobutyl alcohol	(CH ₃) ₂ CHCH ₂ OH		50	152	78-83-1	Second-Class Organic Solvent
24 8	異辛醇	Isooctyl alcohol	C ₇ H ₁₅ CH ₂ OH	Skin	50	266	26952-21-6	
24 9	異佛爾 酮	Isophorone	C ₉ H ₁₄ O		5	28	78-59-1	
25	二異氰	Isophorone diisocyanate (IPDI)	C ₁₀ H ₁₈ (NCO) ₂		0.005	0.045	4098-71-9	Specified

0	酸異佛爾酮								Group-C1 Chemical Substance
25 1	2-異丙氧基乙醇	2-Isopropoxyethanol	$(\text{CH}_3)_2\text{CHOCH}_2\text{CH}_2\text{OH}$	Skin	25	106	109-59-1		
25 2	乙酸異丙酯	Isopropyl acetate	$\text{CH}_3\text{COOCH}(\text{CH}_3)_2$		250	1040	108-21-4	Second-Class Organic Solvent	
25 3	異丙胺	Isopropylamine	$(\text{CH}_3)_2\text{CHNH}_2$		5	12	75-31-0		
25 4	異丙醇	Isopropyl alcohol	$(\text{CH}_3)_2\text{CHOH}$		400	983	67-63-0	Second-Class Organic Solvent	
25 5	異丙苯胺	N-Isopropylaniline	$\text{C}_6\text{H}_5\text{NHCH}(\text{CH}_3)_2$	Skin	2	11	768-52-5		
25 6	異丙醚	Isopropyl ether	$(\text{CH}_3)_2\text{CHOCH}(\text{CH}_3)_2$		250	1040	108-20-3		
25 7	異丙基縮水甘油醚	Isopropyl glycidyl ether (IGE)	$\text{CH}(\text{CH}_3)_2\text{OCH}_2\text{CHCH}_2\text{O}$		50	238	4016-14-2		

25 8	乙烯酮	Ketene	$H_2C=CO$		0.5	0.86	463-51-4	
25 9	鉛及其 無機化 合物 (以 鉛計)	Lead and its inorganic compounds (as Pb)	Pb			0.05	7439-92-1	
26 0	砷酸鉛	Lead arsenate	$Pb_3(AsO_4)_2$			0.15	7784-40-9	Specified Group-C3 Chemical Substance
26 1	鉻酸鉛 (以鉻 計)	Lead chromate (as Cr)	$PbCrO_4$	Tumor		0.05	7758-97-6	Specified Group-C3 Chemical Substance
26 2	靈丹	Lindane	$C_6H_6Cl_6$	Skin			58-89-9	Prohibited pesticide; Toxic Chemical Substance prohibited to

								be manufactured , imported, used or sold
26 3	亞麻	Linen				0.2		
26 4	液化石 油氣	L.P.G. (Liquified petroleum gas)	$C_nH_{2n+2}(N=2\sim 4)$		1000	1800	68476-85-7	
26 5	氫化鋰	Lithium hydride	LiH			0.025	7580-67-8	
26 6	苯胺紅 (一品 紅)	Magenta	$C_{20}H_{19}N_3$	Tumor			632-99-5	Specified Group-C2 Chemical Substance
26 7	氧化鎂 (燻煙)	Magnesium oxide (fume)	MgO			10	1309-48-4	
26 8	馬拉松	Malathion	$C_{10}H_{19}O_6PS_2$	Skin		10	121-75-5	
26 9	順-丁烯 二酐	Maleic anhydride	$(CHCO)_2O$		0.25	1	108-31-6	

27 0	錳，煙煙 (以錳 計)	Manganese, fume (as Mn)	Mn			1	7439-96-5	Specified Group-C3 Chemical Substance
27 1	錳及其 無機化 合物(以 錳計)	Manganese and its inorganic compounds (as Mn)	Mn	Ceiling		5	7439-96-5	Specified Group-C3 Chemical Substance
27 2	環戊二 烯三羰 基錳(以 錳計)	Manganese cyclopentadienyl tricarbonyl (as Mn)	$C_5H_4Mn(CO)_3$	Skin		0.1	12079-65-1	Specified Group-C3 Chemical Substance
27 3	汞，蒸氣 及其化 合物	Mercury (Metal fume and its compounds)	Hg	Skin		0.05	7439-97-6	Specified Group-C3 Chemical Substance
27 4	汞，有機 化合物	Mercury (Organic compounds)	Hg	Skin		0.01	7439-97-6	Prohibited pesticide
27 5	亞異丙 基丙酮	Mesityl oxide	$(CH_3)_2C=CHCOCH_3$		15	60	141-79-7	

27 6	甲基丙 烯酸	Methacrylic acid	$\text{CH}_2=\text{C}(\text{CH}_3)\text{COOH}$		20	70	79-41-4	
27 7	4-甲氧苯 酚	4-Methoxyphenol	$\text{CH}_3\text{OC}_6\text{H}_4\text{OH}$			5	150-76-5	
27 8	乙酸甲 酯	Methyl acetate	$\text{CH}_3\text{COOCH}_3$		200	606	79-20-9	Second-Class Organic Solvent
27 9	丙炔	Methyl acetylene	$\text{CH}_3\text{C}\equiv\text{CH}$		1000	1640	74-99-7	
28 0	丙烯酸 甲酯	Methyl acrylate	$\text{CH}_2=\text{CHCOOCH}_3$	Skin	10	35	96-33-3	
28 1	甲基丙 烯腈	Methylacrylonitrile	$\text{CH}_2=\text{C}(\text{CH}_3)\text{CN}$	Skin	1	2.7	126-98-7	
28 2	二甲氧 甲烷	Methylal	$\text{CH}_3\text{OCH}_2\text{OCH}_3$		1000	3110	109-87-5	
28 3	甲醇	Methyl alcohol	CH_3OH	Skin	200	262	67-56-1	Second-Class Organic Solvent
28 4	甲胺	Methylamine	CH_3NH_2		10	13	74-89-5	

28 5	甲基正 戊酮	Methyl n-amyl ketone	$\text{CH}_3(\text{CH}_2)_4\text{COCH}_3$		50	233	110-43-0	
28 6	N-甲苯 胺	N-Methylaniline	$\text{C}_6\text{H}_5\text{NHCH}_3$	Skin	0.5	2.2	100-61-8	
28 7	溴甲烷	Methyl bromide	CH_3Br	Ceiling Skin	5	19	74-83-9	Specified Group-C1 Chemical Substance
28 8	甲基正 丁酮	Methyl n-butyl ketone	$\text{CH}_3\text{COC}_4\text{H}_9$	Skin	5	20	591-78-6	Second-Class Organic Solvent
28 9	氯甲烷	Methyl chloride	CH_3Cl	Skin	50	103	74-87-3	
29 0	2-氰基丙 烯酸甲 酯	Methyl 2-cyanoacrylate	$\text{CH}_2=\text{C}(\text{CN})\text{COOCH}_3$		2	9.1	137-05-3	
29 1	甲基环 己烷	Methylcyclohexane	$\text{CH}_3\text{C}_6\text{H}_{11}$		400	1610	108-87-2	
29 2	甲基环 己醇	Methylcyclohexanol	$\text{CH}_3\text{C}_6\text{H}_{10}\text{OH}$		50	234	25639-42-3	Second-Class Organic

								Solvent
29	甲基環 3 己酮	Methylcyclohexanone	$\text{CH}_3\text{C}_5\text{H}_9\text{CO}$	Skin	50	229	583-60-8	Second-Class Organic Solvent
29	甲基環 戊二烯 4 三羰基 錳 (以錳 計)	Methylcyclopentadienyl manganese tricarbonyl (as Mn)	$\text{CH}_3\text{C}_5\text{H}_4\text{Mn}(\text{CO})_3$	Skin		0.2	12108-13-3	Specified Group-C3 Chemical Substance
29	3,3'-二氯 -4,4'-二 5 胺基苯 化甲烷	4,4'-Methylene bis(2-chloroaniline)	$\text{C}_{13}\text{H}_{12}\text{Cl}_2\text{N}_2$	Skin Tumor	0.02	0.218	101-14-4	Specified Group-C1 Chemical Substance
29	4,4'-二異 6 氰酸二 苯甲烷	Methylene bisphenyl isocyanate (MDI)	$\text{OCNC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NCO}$	Ceiling	0.02	0.2	101-68-8	Specified Group-C1 Chemical Substance
29	7 丁酮	Methyl ethyl ketone	$\text{CH}_3\text{COC}_2\text{H}_5$		200	590	78-93-3	Second-Class Organic Solvent

29	過氧化 8 丁酮	Methyl ethyl ketone peroxide (MEKPO)	$C_8H_{16}O_4$	Ceiling	0.2	1.5	1338-23-4	
29	甲酸甲 9 酯	Methyl formate	$HCOOCH_3$		100	246	107-31-3	
30	甲基聯 0 胺	Methylhydrazine	CH_3NHNH_2	Skin Ceiling	0.2	0.38	60-34-4	
30	碘甲烷 1	Methyl iodide	CH_3I	Skin	2	12	74-88-4	Specified Group-C1 Chemical Substance
30	甲基異 2 戊酮	Methyl isoamyl ketone	$CH_3COC_2H_4CH(CH_3)_2$		50	234	110-12-3	
30	4-甲基 3-2-戊醇	Methyl isobutyl carbinol	$(CH_3)_2CHCH_2CH(CH_3)OH$	Skin	25	104	108-11-2	
30	甲基異 4 丁酮	Methyl isobutyl ketone	$CH_3COCH(CH_3)_2$		50	205	108-10-1	Second-Class Organic Solvent
30	異氰酸 5 甲酯	Methyl isocyanate	CH_3NCO	Skin	0.02	0.05	624-83-9	Specified Group-C1 Chemical

								Substance
30 6	甲基異 丙酮	Methyl isopropyl ketone	$\text{CH}_3\text{COCH}(\text{CH}_3)_2$		200	705	563-80-4	
30 7	甲硫醇	Methyl mercaptan	H_3CSH	Ceiling	10	20	74-93-1	
30 8	甲基丙 烯酸甲 酯	Methyl methacrylate	$\text{C}_3\text{H}_5\text{COOCH}_3$		100	410	80-62-6	
30 9	甲基巴 拉松	Methyl parathion	$(\text{CH}_3\text{O})_2\text{P}(\text{S})\text{OC}_6\text{H}_4\text{NO}_2$	Skin		0.2	298-00-0	
31 0	甲丙酮	Methyl propyl ketone	$\text{CH}_3(\text{CH}_2)_2\text{COCH}_3$		200	705	107-87-9	
31 1	甲基第 三丁基 醚	Methyl tert-butyl ether	$(\text{CH}_3)_3\text{COCH}_3$		40	144	1634-04-4	
31 2	α -甲基苯 乙烯	α -Methylstyrene	$\text{C}_6\text{H}_5\text{C}(\text{CH}_3)=\text{CH}_2$		50	242	98-83-9	
31 3	雲母石	Mica				3	12001-26-2	Respirable dust
31	鉬，可溶	Molybdenum (as Mo) Soluble	Mo			5	7439-98-7	

4	性化合物 (以鉅計)	compounds						
31 5	嗎啉	Morpholine	C_4H_8ONH	Skin	20	71	110-91-8	
31 6	石油精 (煤渣)	Naphtha (Coal tar)	$C_7H_8\sim C_8H_{10}$		100	400	8030-30-6	Third-Class Organic Solvent
31 7	萘	Naphthalene	$C_{10}H_8$		10	52	91-20-3	
31 8	α -萘胺	α -Naphthylamine	$C_{10}H_7NH_2$	Tumor			134-32-7	Specified Group-B Chemical Substance
31 9	β -萘胺	β -Naphthylamine	$C_{10}H_7NH_2$	Tumor			91-59-8	Toxic Chemical Substance prohibited to be manufactured

									, imported, used or sold; Specified Group-A Chemical Substance
320	鎳，金屬 及非溶 性化合 物（以鎳 計）	Nickel, metal and insoluble compounds (as Ni)	Ni			1	7440-02-0		
321	鎳，可溶 性化合 物（以鎳 計）	Nickel, soluble compounds (as Ni)	Ni			0.1	7440-02-0		
322	四羰化 鎳	Nickel carbonyl	Ni(CO) ₄		0.001	0.007	13463-39-3		Specified Group-C1 Chemical Substance
32	菸鹼（尼	Nicotine	C ₅ H ₄ NC ₄ H ₇ NCH ₃	Skin		0.5	54-11-5		

3	古丁)							
32 4	硝酸	Nitric acid	HNO ₃		2	5.2	7697-37-2	Specified Group-D Chemical Substance
32 5	一氧化 氮	Nitric oxide	NO		25	31	10102-43-9	
32 6	對硝基 苯胺	p-Nitroaniline	NO ₂ C ₆ H ₄ NH ₂	Skin		3	100-01-6	
32 7	硝基苯	Nitrobenzene	C ₆ H ₅ NO ₂	Skin	1	5	98-95-3	
32 8	對-硝基 氯苯	p-Nitrochlorobenzene	C ₆ H ₄ Cl(NO ₂)	Skin		1	100-00-5	Specified Group-C1 Chemical Substance
32 9	4-硝基聯 苯及其 鹽類	4-Nitrodiphenyl and its salts	H(C ₆ H ₄) ₂ NO ₂	Skin Tumor			92-93-3	Toxic Chemical Substance prohibited to be

								manufactured, imported, used or sold; Specified Group-A Chemical Substance
330	硝乙烷	Nitroethane	$\text{CH}_3\text{CH}_2\text{NO}_2$		100	307	79-24-3	
331	二氧化氮	Nitrogen dioxide	NO_2 and N_2O_4	Ceiling	5	9	10102-44-0	
332	三氟化氮	Nitrogen trifluoride	NF_3		10	29	7783-54-2	
333	硝化甘油	Nitroglycerin	$\text{C}_3\text{H}_5(\text{ONO}_2)_3$	Ceiling Skin	0.2	2	55-63-0	
334	硝基乙二醇	Nitroglycol	$(\text{CH}_2\text{ONO}_2)_2$	Skin	0.02	0.12	628-96-6	Specified Group-C3 Chemical Substance
33	硝甲烷	Nitromethane	CH_3NO_2		100	250	75-52-5	

5								
33 6	1-硝丙烷	1-Nitropropane	$\text{CH}_3\text{CH}_2\text{CH}_2\text{NO}_2$		25	91	108-03-2	
33 7	2-硝丙烷	2-Nitropropane	$\text{CH}_3\text{CHNO}_2\text{CH}_3$		10	36	79-46-9	
33 8	硝基甲 苯	Nitrotoluene	$\text{NO}_2\text{C}_6\text{H}_4\text{CH}_3$	Skin	2	11	88-72-2; 99-08-1; 99-99-0	
33 9	一氧化 二氮	Nitrous oxide	N_2O		50	90	10024-97-2	
34 0	正壬烷	n-Nonane	C_9H_{20}		200	1050	111-84-2	
34 1	八氯萘	Octachloronaphthalene	C_{10}Cl_8	Skin		0.1	2234-13-1	
34 2	辛烷	Octane	C_8H_{18}		300	1400	111-65-9	
34 3	油霧滴 (礦物 性)	Oil mist (Mineral)				5	8012-95-1	
34	四氧化	Osmium tetroxide (as Os)	OsO_4		0.000	0.001	20816-12-0	

4	鐵 (以鐵計)				2	6		
34 5	草酸	Oxalic acid	$(\text{COOH})_2 \cdot 2\text{H}_2\text{O}$			1	144-62-7	
34 6	氟化氧	Oxygen difluoride	OF_2		0.05	0.11	7783-41-7	
34 7	臭氧	Ozone	O_3		0.1	0.2	10028-15-6	
34 8	石蠟，煙	Paraffin wax, fume				2	8002-74-2	
34 9	巴拉刈	Paraquat	$\text{C}_{12}\text{H}_{14}\text{N}_2\text{Cl}_2$ or $\text{C}_{12}\text{H}_{14}\text{N}_2(\text{CH}_3\text{SO}_4)_2$			0.1	4685-14-7	
35 0	巴拉松	Parathion	$(\text{C}_2\text{H}_5\text{O})_2\text{PSOC}_6\text{H}_4\text{NO}_2$	Skin		0.1	56-38-2	
35 1	五硼烷	Pentaborane	B_5H_9		0.005	0.013	19624-22-7	
35 2	五氯萘	Pentachloronaphthalene	$\text{C}_{10}\text{H}_3\text{Cl}_5$	Skin		0.5	1321-64-8	Toxic Chemical Substance prohibited to

								be manufactured , imported, used or sold
35 3	五氯酚 及其鈉 鹽	Pentachlorophenol and its sodium salts	C_6Cl_5OH	Skin		0.5	87-86-5	Toxic Chemical Substance prohibited to be manufactured , imported, used or sold; Specified Group-A Chemical Substance
35 4	戊烷	Pentane	$CH_3(CH_2)_3CH_3$		600	1770	109-66-0	
35 5	過氯甲 基硫醇	Perchloromethyl mercaptan	$ClSCCl_3$		0.1	0.76	594-42-3	

35 6	過氯酸 氟	Perchloryl fluoride	ClFO_3		3	13	7616-94-6	
35 7	酚	Phenol	$\text{C}_6\text{H}_5\text{OH}$	Skin	5	19	108-95-2	Specified Group-D Chemical Substance
35 8	吩噻嗪	Phenothiazine	$\text{C}_{12}\text{H}_9\text{NS}$	Skin		5	92-84-2	
35 9	對-苯二 胺	p-Phenylenediamine	$\text{C}_6\text{H}_4(\text{NH}_2)_2$			0.1	106-50-3	
36 0	苯乙烷	Phenylethane	$\text{C}_6\text{H}_5\text{C}_2\text{H}_5$		100	434	100-41-4	
36 1	苯醚，蒸 氣	Phenyl ether, vapor	$(\text{C}_6\text{H}_5)_2\text{O}$		1	7	101-84-8	
36 2	苯基縮 水甘油 醚	Phenyl glycidyl ether (PGE)	$\text{C}_6\text{H}_5\text{OCH}_2\text{CHCH}_2\text{O}$		1	6.1	122-60-1	
36 3	苯肼	Phenylhydrazine	$\text{C}_6\text{H}_5\text{NHNH}_2$	Skin	5	22	100-63-0	
36	苯硫醇	Phenyl mercaptan	$\text{C}_6\text{H}_5\text{SH}$		0.5	2.3	108-98-5	

4								
36 5	苯磷	Phenylphosphine	$C_6H_5PH_2$	Ceiling	0.05	0.23	638-21-1	
36 6	福瑞松	Phorate	$(C_2H_5O)_2P(S)SCH_2SC_2H_5$	Skin		0.05	298-02-2	
36 7	美文松	Phosdrin (Mevinphos)	$(CH_3O)_2P(O)OC(CH_3)=CHCOOCH_3$	Skin	0.01	0.092	7786-34-7	
36 8	光氣	Phosgene	$COCl_2$		0.1	0.4	75-44-5	Specified Group-D Chemical Substance
36 9	磷化氫	Phosphine	PH_3		0.3	0.4	7803-51-2	
37 0	磷酸	Phosphoric acid	H_3PO_4			1	7664-38-2	
37 1	黃磷	Phosphorus (yellow)	P			0.1	7723-14-0	Specified Group-A Chemical Substance yellow

								Phosphorus match
37	氧氯化 2 磷	Phosphorus oxychloride	POCl ₃		0.1	0.63	10025-87-3	Specified Group-C1 Chemical Substance
37	五氯化 3 磷	Phosphorus pentachloride	PCl ₅			1	10026-13-8	
37	五硫化 4 磷	Phosphorus pentasulfide	P ₂ S ₅			1	1314-80-3	
37	三氯化 5 磷	Phosphorus trichloride	PCl ₃		0.2	1.1	7719-12-2	
37	鄰苯二 6 甲酐	Phthalic anhydride	C ₆ H ₄ (CO) ₂ O		1	6.1	85-44-9	
37	二腈苯 7	Phthalodinitrile	C ₆ H ₄ (CN) ₂			5	626-17-5	
37	苦味酸 8	Picric acid	C ₆ H ₂ (OH)(NO ₂) ₃			0.1	88-89-1	
37	1,4-二氮 9 環己烷	Piperazine dihydrochloride	C ₄ H ₁₀ N ₂ ·2HCl			5	142-64-3	

	二鹽酸鹽							
380	鉑（以鉑計）金屬	Platinum (as Pt) Metal	Pt			1	7440-06-4	
381	鉑，可溶性鹽類（以鉑計）	Platinum (as Pt) Soluble salts	Pt			0.002	7440-06-4	
382	多氯聯苯	Polychlorobiphenyls	$C_{12}H_nCl_{(10-n)} \quad (0 \leq n \leq 9)$	Skin		0.01	1336-36-3	Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance

38 3	丙烷	Propane	$\text{CH}_3\text{CH}_2\text{CH}_3$		1000	1800	74-98-6	
38 4	丙酸	Propionic acid	$\text{CH}_3\text{CH}_2\text{COOH}$		10	30	79-09-4	
38 5	1-丙醇	1-Propanol	$\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$	Skin	200	491	71-23-8	
38 6	β -丙内酯	β -Propiolactone	$(\text{CH}_2)_2\text{CO}_2$				57-57-8	Specified Group-C1 Chemical Substance
38 7	乙酸正 丙酯	n-Propyl acetate	$\text{CH}_3\text{COOC}_3\text{H}_7$		200	835	109-60-4	Second-Class Organic Solvent
38 8	硝酸正 丙酯	n-Propyl nitrate (NPN)	$\text{C}_3\text{H}_7\text{NO}_3$		25	107	627-13-4	
38 9	丙二醇 二硝酸 酯	Propylene glycol dinitrate	$\text{NO}_3\text{CH}_2\text{CHNO}_3\text{CH}_3$	Skin	0.05	0.34	6423-43-4	
39 0	丙二醇 甲醚	Propylene glycol monomethyl ether	$\text{CH}_3\text{OCH}_2\text{CHOHCH}_3$		100	369	107-98-2	

39 1	丙烯亞 胺	Propyleneimine	$\text{CH}_3\text{HCNHCH}_2$	Skin	2	4.7	75-55-8	
39 2	除蟲菊	Pyrethrum				5	8003-34-7	
39 3	吡啶	Pyridine	$\text{C}_5\text{H}_5\text{N}$		5	16	110-86-1	
39 4	醌	Quinone	$\text{C}_6\text{H}_4\text{O}_2$		0.1	0.44	106-51-4	
39 5	間苯二 酚 (雷瑣 辛)	Resorcinol	$\text{C}_6\text{H}_4(\text{OH})_2$		10	45	108-46-3	
39 6	銠 (以銠 計) 金屬 煙煙及 非溶性 化合物	Rhodium (as Rh), metal fume and insoluble compounds	Rh			0.1	7440-16-6	
39 7	銠 (以銠 計) 可溶 性化合 物	Rhodium (as Rh), soluble compounds	Rh			0.01	7440-16-6	

39 8	魚藤精	Rotenone	$C_{23}H_{22}O_6$			5	83-79-4	
39 9	硒化合物 (以硒計)	Selenium compounds (as Se)	Se			0.2	7782-49-2	
40 0	六氟化 硒	Selenium hexafluoride (as Se)	SeF_6		0.05	0.16	7783-79-1	
40 1	四氫化 矽	Silicon hydride (Silane)	SiH_4		5	6.6	7803-62-5	
40 2	銀，金屬 粉塵、煙 及可溶性 化合物 (以銀計)	Silver, metal dust, fume and soluble compounds (as Ag)	Ag			0.01	7440-22-4	
40 3	疊氮化 鈉	Sodium azide (as HN_3)	NaN_3	Ceiling	0.11	0.29	26628-22-8	
40 4	亞硫酸 氫鈉	Sodium bisulfite	$NaHSO_3$			5	7631-90-5	
40	氟乙酸	Sodium fluoroacetate	FCH_2COONa	Skin		0.05	62-74-8	

5	鈉							
40 6	氫氧化 鈉	Sodium hydroxide	NaOH			2	1310-73-2	
40 7	氫化銻	Stibine (antimony hydride)	SbH ₃		0.1	0.51	7803-52-3	
40 8	斯多德 爾溶劑	Stoddard solvent (White spirits)			100	525	8052-41-3	
40 9	苯乙烯	Styrene	CH ₂ =CHC ₆ H ₅		50	213	100-42-5	Second-Class Organic Solvent
41 0	二氧化 硫	Sulfur dioxide	SO ₂		2	5.2	7446-09-5	Specified Group-D Chemical Substance
41 1	六氟化 硫	Sulfur hexafluoride	SF ₆		1000	5970	2551-62-4	
41 2	一氯化 硫	Sulfur monochloride	S ₂ Cl ₂		1	5.5	10025-67-9	
41 3	硫酸	Sulfuric acid	H ₂ SO ₄			1	7664-93-9	Specified Group-D

								Chemical Substance
41 4	五氟化 硫	Sulfur pentafluoride	S ₂ F ₁₀		0.01	0.1	5714-22-7	
41 5	四氟化 硫	Sulfur tetrafluoride	SF ₄	Ceiling	0.1	0.44	7783-60-0	
41 6	氟化硫 醯	Sulfuryl fluoride	SO ₂ F ₂		5	21	2699-79-8	
41 7	滑石（不 含石綿 纖維）	Talc (containing no asbestos fibers)	Mg ₃ [Si ₄ O ₁₀](OH) ₂			2	14807-96-6	Respirable dust
41 8	鉭，金屬 及氧化 性粉塵	Tantalum, metal and oxide dust	Ta			5	7440-25-7	
41 9	碲及其 化合物 （以碲 計）	Tellurium and compounds (as Te)	Te			0.1	13494-80-9	
42 0	帖普	TEPP	(C ₂ H ₅ O) ₄ P ₂ O ₃	Skin	0.004	0.047	107-49-3	

42 1	聯三苯	Terphenyls	$(C_6H_5)_2C_6H_4$	Ceiling	0.53	5	26140-60-3	
42 2	1,1,1,2- 四氯-2,2- 二氟乙 烷	1,1,1,2-Tetrachloro-2,2-difluoroethane	CCl_3CClF_2		500	4170	76-11-9	
42 3	1,1,2,2- 四氯-1,2- 二氟乙 烷	1,1,2,2-Tetrachloro-1,2-difluoroethane	CCl_2FCCl_2F		500	4170	76-12-0	
42 4	1,1,2,2- 四氯乙 烷	1,1,2,2-Tetrachloroethane	$CHCl_2CHCl_2$	Skin	1	6.9	79-34-5	First-Class Organic Solvent
42 5	四氯乙 烯	Tetrachloroethylene	$CCl_2=CCl_2$		50	339	127-18-4	Second-Class Organic Solvent
42 6	四氯萘	Tetrachloronaphthalene	$C_{10}H_4Cl_4$			2	1335-88-2	
42 7	四乙基 鉛	Tetraethyl lead (as Pb)	$Pb(C_2H_5)_4$	Skin		0.075	78-00-2	

428	四甲基鉛 (以鉛計)	Tetramethyl lead (as Pb)	$\text{Pb}(\text{CH}_3)_4$	Skin		0.075	75-74-1	
429	四氫呋喃	Tetrahydrofuran (THF)	$(\text{CH}_2)_4\text{O}$		200	590	109-99-9	Second-Class Organic Solvent
430	四甲基琥珀腈	Tetramethyl succinonitrile	$\text{NCC}(\text{CH}_3)_2\text{C}(\text{CH}_3)_2\text{CN}$	Skin	0.5	2.8	3333-52-6	
431	四硝甲烷	Tetranitromethane	$\text{C}(\text{NO}_2)_4$		1	8	509-14-8	
432	焦磷酸四鈉	Tetrasodium pyrophosphate	$\text{Na}_4\text{P}_2\text{O}_7$			5	7722-88-5	
433	乙硫醇酸	Thioglycolic acid	HSCH_2COOH	Skin	1	3.8	68-11-1	
434	亞硫醯氯	Thionyl chloride	SOCl_2	Ceiling	1	4.9	7719-09-7	
435	得恩地	Thiram	$[(\text{CH}_3)_2\text{NCS}]_2\text{S}_2$			5	137-26-8	
436	錫及錫無機化	Tin and its inorganic compounds (Except SnH_4 and SnO_2) as Sn	Sn			2	7440-31-5	Tin content except tin

	合物 (以錫計)							hydride and tin dioxide
437	錫有機化合物 (以錫計)	Tin organic compounds (as Sn)	Sn	Skin		0.1		Tin content
438	氧化錫 (以錫計)	Tin oxide (as Sn)	Sn			2		
439	二氧化鈦	Titanium dioxide	TiO ₂			10	13463-67-7	
440	鄰-二甲苯胺及其鹽類	o-Tolidine and its salts	(C ₆ H ₃ CH ₃ NH ₂) ₂	Skin			119-93-7	Specified Group-B Chemical Substance
441	鄰-甲苯胺	o-Toluidine	CH ₃ C ₆ H ₄ NH ₂	Skin	5	22	95-53-4	
442	間-甲苯胺	m-Toluidine	CH ₃ C ₆ H ₄ NH ₂	Skin	2	8.8	108-44-1	
443	對-甲苯胺	p-Toluidine	CH ₃ C ₆ H ₄ NH ₂	Skin	2	8.8	106-49-0	

3	胺							
44 4	甲苯	Toluene	$C_6H_5CH_3$	Skin	100	376	108-88-3	Second-Class Organic Solvent
44 5	2,4-二異 氰酸甲 苯或 2,6- 二異氰 酸甲苯	Toluene-2,4-diisocyanate or Toluene-2,6-diisocyanate (TDI)	$CH_3C_6H_3(NCO)_2$	Ceiling	0.005	0.036	584-84-9; 91-08-7	Specified Group-C1 Chemical Substance
44 6	毒殺芬	Toxaphene	$C_{10}H_{16}Cl_8$	Skin		0.5	8001-35-2	Toxic Chemical Substance prohibited to be manufactured , imported, used or sold
44 7	磷酸三 丁酯	Tributyl phosphate (TBP)	$(C_4H_9)_3PO_4$		0.2	2.2	126-73-8	
44	三氯乙	Trichloroacetic acid (TCA)	CCl_3COOH		1	6.7	76-03-9	

8	酸							
44	1,2,4-三 9 氯苯	1,2,4-Trichlorobenzene	$C_6H_3Cl_3$	Ceiling	5	37	120-82-1	
45	1,1,1-三 0 氯乙烷	1,1,1-Trichloroethane (Methylchloroform)	CH_3CCl_3		350	1910	71-55-6	Second-Class Organic Solvent
45	1,1,2-三 1 氯乙烷	1,1,2-Trichloroethane	Cl_2CHCH_2Cl	Skin	10	55	79-00-5	Second-Class Organic Solvent
45	三氯乙 2 烯	Trichloroethylene	$CHCl=CCl_2$		50	269	79-01-6	First-Class Organic Solvent
45	三氯甲 3 烷(氯 仿)	Trichloromethane (Chloroform)	$CHCl_3$	Ceiling	10	49	67-66-3	First-Class Organic Solvent
45	三氯萘 4	Trichloronaphthalene	$C_{10}H_5Cl_3$	Skin		5	1321-65-9	
45	1,2,3-三 5 氯丙烷	1,2,3-Trichloropropane	$ClCH_2CHClCH_2Cl$		50	302	96-18-4	
45	1,1,2-三	1,1,2-Trichloro-1,2,2-trifluoroethane	CCl_2FCF_2		1000	7670	76-13-1	

6	氯-1,2,2-三氟乙烷							
457	三乙胺	Triethylamine	(C ₂ H ₅) ₃ N		10	41	121-44-8	
458	三氟溴甲烷	Trifluorobromomethane	CBrF ₃		1000	6090	75-63-8	
459	1,2,4-偏苯三酸酐	Trimellitic anhydride	C ₉ H ₄ O ₅		0.005	0.04	552-30-7	
460	三甲胺	Trimethylamine	(CH ₃) ₃ N		10	24	75-50-3	
461	三甲苯	Trimethylbenzene	(CH ₃) ₃ C ₆ H ₃		25	123	25551-13-7	
462	亞磷酸三甲酯	Trimethyl phosphite	(CH ₃ O) ₃ P		2	10	121-45-9	
463	2,4,6-三硝基甲苯	2,4,6-Trinitrotoluene (TNT)	CH ₃ C ₆ H ₂ (NO ₂) ₃	Skin		0.5	118-96-7	
46	三鄰甲	Triorthocresyl phosphate (TOCP)	C ₂₁ H ₂₁ O ₄ P	Skin		0.1	78-30-8	

4	苯基磷酸酯							
465	三苯基胺	Triphenylamine	(C ₆ H ₅) ₃ N			5	603-34-9	
466	磷酸三苯酯	Triphenyl phosphate	(C ₆ H ₅) ₃ PO ₄			3	115-86-6	
467	鎢，非溶性化合物（以鎢計）	Tungsten (as W) Insoluble compounds	W			5	7440-33-7	
468	鎢，可溶性化合物（以鎢計）	Tungsten (as W) Soluble compounds	W			1	7440-33-7	
469	松節油	Turpentine	C ₁₀ H ₁₆		100	556	8006-64-2	Third-Class Organic Solvent
470	鈾，可溶性化合物（以鈾	Uranium (as U) Soluble compounds	U	Tumor		0.2	7440-61-1	

	計)							
471	鈾，非溶性化合物（以鈾計）	Uranium (as U) Insoluble compounds	U			0.2	7440-61-1	
472	正戊醛	n-Valeraldehyde	CH ₃ (CH ₂) ₃ CHO			50	176	110-62-3
473	五氧化二釩粉塵	Vanadium pentaoxide (V ₂ O ₅) dust	V ₂ O ₅	Ceiling		0.5	1314-62-1	Specified Group-C3 Chemical Substance
474	五氧化二釩煙	Vanadium pentaoxide (V ₂ O ₅) fume	V ₂ O ₅	Ceiling		0.1	1314-62-1	Specified Group-C3 Chemical Substance
475	醋酸乙烯酯	Vinyl acetate	CH ₃ COOCH=CH ₂			10	35	108-05-4
476	溴乙烯	Vinyl bromide	CH ₂ =CHBr	Tumor		5	22	593-60-2
47	氯乙烯	Vinyl chloride	CH ₂ =CHCl	Tumor		1	2.6	75-01-4 Specified

7								Group-C1 Chemical Substance
47 8	二氧化 環己烯 乙烯	Vinylcyclohexene dioxide	$\text{CH}_2\text{CHOC}_6\text{H}_9\text{O}$	Skin Tumor	10	57	106-87-6	
47 9	乙烯基 甲苯	Vinyltoluene	$\text{CH}_2=\text{CHC}_6\text{H}_4\text{CH}_3$		100	482	25013-15-4	
48 0	殺鼠靈	Warfarin	$\text{C}_{19}\text{H}_{16}\text{O}_4$			0.1	81-81-2	
48 1	木粉	Wood dust				5		
48 2	二甲苯 (含 鄰、間、 對異構 物)	Xylenes (Xylol) (o-, m-, p-isomer)	$\text{C}_6\text{H}_4(\text{CH}_3)_2$		100	434	1330-20-7; 95-47-6; 108-38-3; 106-42-3	Second-Class Organic Solvent
48 3	二甲苯 胺	Xylidine	$(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NH}_2$	Skin Tumor	2	10	1300-73-8	
48	鈮，金屬	Yttrium, metal and its compounds (as Y				1	7440-65-5	

4	及其化合物（以鉍計）	Y)						
485	氯化鋅（燻煙）	Zinc chloride (fume)	ZnCl ₂			1	7646-85-7	
486	鉻酸鋅（以鉻酸計）	Zinc chromates (as CrO ₃)	ZnCrO ₄	Ceiling Tumor		0.05	13530-65-9	Specified Group-C3 Chemical Substance
487	氧化鋅（燻煙）	Zinc oxide (fume)	ZnO			5	1314-13-2	
488	鋯化合物（以鋯計）	Zirconium compounds (as Zr)	Zr			5	7440-67-7	

Instruction:

1. The Permissible Exposure Limits for a particulate hazardous substance not marked as respirable dust refers to that of the total dust.
2. The “skin” notation in the Attachment refers to the potential significant contribution to the overall exposure by the cutaneous route, including skin and mucous membranes, but does not indicate that a hazardous substance will result in irritation, dermatitis or allergy.
3. The “tumor” notation in the Attachment indicates substances proven or suspected to result in tumors of human body.
4. The equation for converting concentration in ppm for gaseous substances listed in the Attachment to mg/m³ is :

Concentration of the gaseous hazardous substance in $\text{mg}/\text{m}^3 = (\text{Molecular weight of the gaseous hazardous substance in g/mole}) \times (\text{Concentration of the gaseous hazardous substance in ppm}) / 24.45$

Where, 24.45 is the molar volume of gaseous hazardous substance in liters at 25°C and 760 torr.