**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/m3 |
| 1 | 乙醛 | Acetaldehyde | CH3CHO | 　 | 100 | 180 | 75-07-0 | 　 |
| 2 | 醋酸 | Acetic acid | CH3COOH | 　 | 10 | 25 | 64-19-7 | 　 |
| 3 | 乙酸酐 | Acetic anhydride | (CH3CO)2O | 　 | 5 | 21 | 108-24-7 | 　 |
| 4 | 丙酮 | Acetone | (CH3)2CO | 　 | 200 | 475 | 67-64-1 | Second-Class Organic Solvent |
| 5 | 乙腈 | Acetonitrile | CH3CN | 　 | 40 | 67 | 75-05-8 | 　 |
| 6 | 四溴化乙炔（1,1,2,2-四溴乙烷） | Acetylene tetrabromide | CHBr2CHBr2 | 　 | 1 | 14 | 79-27-6 | 　 |
| 7 | 丙烯醛 | Acrolein | CH2=CHCHO | Skin | 0.1 | 0.23 | 107-02-8 | 　 |
| 8 | 丙烯醯胺 | Acrylamide | CH2=CHCONH2 | Skin | 　 | 0.03 | 79-06-1 | Specified Group-C1 Chemical Substance |
| 9 | 丙烯酸 | Acrylic acid | CH2=CHCOOH | Skin | 10 | 30 | 79-10-7 | 　 |
| 10 | 丙烯腈 | Acrylonitrile | CH2=CHCN | Skin | 2 | 4.3 | 107-13-1 | Specified Group-C1 Chemical Substance |
| 11 | 阿特靈 | Aldrin | C12H8Cl6 | Skin | 　 | 　 | 309-00-2 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 12 | 2-丙烯-1-醇 | Allyl alcohol | CH2=CHCH2OH | Skin | 2 | 4.8 | 107-18-6 | 　 |
| 13 | 3-氯丙烯 | Allyl chloride | CH2=CHCH2Cl | 　 | 1 | 3 | 107-05-1 | 　 |
| 14 | 丙烯基縮水甘油醚 | Allyl glycidyl ether (AGE) | H2C=CHCH2OCH2CHCH2O | Ceiling | 5 | 23 | 106-92-3 | 　 |
| 15 | 4-胺基聯苯及其鹽類 | 4-Aminodiphenyl and its salts | H(C6H4)2NH2 | SkinTumor | 　 | 　 | 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 | C5H4NNH2 | 　 | 0.5 | 1.9 | 504-29-0 | 　 |
| 17 | 氨 | Ammonia | NH3 | 　 | 50 | 35 | 7664-41-7 | Specified Group-D Chemical Substance |
| 18 | 氯化銨（燻煙） | Ammonium chloride (fume) | NH4Cl | 　 | 　 | 10 | 12125-02-9 | 　 |
| 19 | 乙酸正戊酯 | n-Amyl acetate | CH3COOC5H11 | 　 | 100 | 532 | 628-63-7 | Second-Class Organic Solvent |
| 20 | 乙酸第二戊酯 | sec-Amyl acetate | CH3COOCH(CH3)(CH2)2CH3 | 　 | 125 | 665 | 626-38-0 | 　 |
| 21 | 苯胺 | Aniline | C6H5NH2 | Skin | 2 | 7.6 | 62-53-3 | 　 |
| 22 | 甲氧苯胺（鄰、對異構物） | Anisidine (o-, p-isomers) | CH3OC6H4NH2 | 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) | C10H7NHCSNH2 | 　 | 　 | 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 | AsH3 | 　 | 0.05 | 0.16 | 7784-42-1 | Specified Group-C3 Chemical Substance |
| 28 | 奧黃 | Auramine | [(CH3)2NC6H4]2CNH | Tumor | 　 | 　 | 2465-27-2 | Specified Group-C3 Chemical Substance |
| 29 | 谷速松 | Azinphos-methyl | C10H12N3O3PS2 | 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 | C6H6 | SkinTumor | 1 | 3.2 | 71-43-2 | Specified Group-C1 Chemical Substance |
| 32 | 聯苯胺及其鹽類 | Benzidine and its salts | NH2(C6H4)2NH2 | SkinTumor | 　 | 　 | 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 | (C6H5CO)2O2 | 　 | 　 | 5 | 94-36-0 | 　 |
| 34 | 氯化甲基苯 | Benzyl chloride | C6H5CH2Cl | 　 | 1 | 5.2 | 100-44-7 | 　 |
| 35 | 鈹及其化合物（以鈹計） | Beryllium and its compounds (as Be) | Be | Tumor | 　 | 0.002 | 7440-41-7 | Specified Group-B Chemical Substance |
| 36 | 聯苯 | Biphenyl | C6H5C6H5 | 　 | 0.2 | 1.3 | 92-52-4 | 　 |
| 37 | 聯吡啶 | Bipyridine (Dipyridyl) | C10H8N2 | Tumor | 　 | 　 | 553-26-4 | 　 |
| 38 | 三溴化硼 | Boron tribromide | BBr3 | Ceiling | 1 | 10 | 10294-33-4 | 　 |
| 39 | 三氟化硼 | Boron trifluoride | BF3 | Ceiling | 1 | 2.8 | 7637-07-2 | 　 |
| 40 | 溴 | Bromine | Br2 | 　 | 0.1 | 0.66 | 7726-95-6 | 　 |
| 41 | 五氟化溴 | Bromine pentafluoride | BrF5 | 　 | 0.1 | 0.72 | 7789-30-2 | 　 |
| 42 | 三溴甲烷 | Bromoform | CHBr3 | Skin | 0.5 | 5.2 | 75-25-2 | 　 |
| 43 | 1-溴丙烷 | 1-Bromopropane | CH3CH2CH2Br | Skin | 0.5 | 2.6 | 106-94-5 |  |
| 44 | 1,3-丁二烯 | 1,3-Butadiene | CH2=CHCH=CH2 | Tumor | 5 | 11 | 106-99-0 | 　 |
| 45 | 正丁烷 | n-Butane | CH3CH2CH2CH3 | 　 | 800 | 1900 | 106-97-8 | 　 |
| 46 | 1-丁硫醇 | 1-Butanethiol | C4H9SH | 　 | 0.5 | 1.8 | 109-79-5 | 　 |
| 47 | 1-丁醇 | 1-Butanol | CH3(CH2)3OH | 　 | 100 | 303 | 71-36-3 | Second-Class Organic Solvent |
| 48 | 2-丁醇 | 2-Butanol | CH3CHOHCH2CH3 | 　 | 150 | 454 | 78-92-2 | Second-Class Organic Solvent |
| 49 | 乙酸正丁酯 | n-Butyl acetate | CH3COOC4H9 | 　 | 150 | 712 | 123-86-4 | Second-Class Organic Solvent |
| 50 | 乙酸第二丁酯 | sec-Butyl acetate | CH3COOCH(CH3)(C2H5) | 　 | 200 | 950 | 105-46-4 | 　 |
| 51 | 乙酸第三丁酯 | tert-Butyl acetate | CH3COOC(CH3)3 | 　 | 200 | 950 | 540-88-5 | 　 |
| 52 | 第三丁醇 | tert-Butyl alcohol | (CH3)3COH | 　 | 100 | 303 | 75-65-0 | 　 |
| 53 | 正丁胺 | n-Butylamine | C4H9NH2 | SkinCeiling | 5 | 15 | 109-73-9 | 　 |
| 54 | 正丁基縮水甘油醚 | n-Butyl glycidyl ether (BGE) | CH3(CH2)3OCH2CHCH2O | 　 | 25 | 133 | 2426-08-6 | 　 |
| 55 | 乳酸正丁酯 | n-Butyl lactate | CH3CHOHCOOC4H9 | 　 | 5 | 30 | 138-22-7 | 　 |
| 56 | 鄰-第二丁酚 | o-sec-Butylphenol | CH3CH2CH(CH3)C6H4OH | Skin | 5 | 31 | 89-72-5 | 　 |
| 57 | 對-第三丁基甲苯 | p-tert-Butyltoluene | (CH3)3CC6H4CH3 | 　 | 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 | Ca3(AsO4)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 | Ca(OH)2 | 　 | 　 | 5 | 1305-62-0 | 　 |
| 62 | 氧化鈣 | Calcium oxide | CaO | 　 | 　 | 5 | 1305-78-8 | 　 |
| 63 | 合成樟腦 | Camphor (Synthetic) | C10H16O | 　 | 2 | 12 | 76-22-2 | 　 |
| 64 | 己內醯胺（粉塵） | Caprolactam, dust | CH2(CH2)4NHCO | 　 | 　 | 1 | 105-60-2 | 　 |
| 65 | 己內醯胺（蒸氣） | Caprolactam, vapor | CH2(CH2)4NHCO | 　 | 5 | 23 | 105-60-2 | 　 |
| 66 | 加保利 | Carbaryl (Sevin) | C10H7OOCNHCH3 | 　 | 　 | 5 | 63-25-2 | 　 |
| 67 | 加保扶 | Carbofuran | C12H15NO3 | 　 | 　 | 0.1 | 1563-66-2 | 　 |
| 68 | 碳黑 | Carbon black | C | 　 | 　 | 3.5 | 1333-86-4 | 　 |
| 69 | 二氧化碳 | Carbon dioxide | CO2 | 　 | 5000 | 9000 | 124-38-9 | 10,000 ppm in Coal mine |
| 70 | 二硫化碳 | Carbon disulfide | CS2 | 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 | CCl4 | 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 | C10H6Cl8 | Skin | 　 | 0.5 | 57-74-9 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 75 | 氧化氯二苯 | Chlorinated diphenyl oxide | C12H4Cl6O | 　 | 　 | 0.5 | 55720-99-5 | 　 |
| 76 | 氯 | Chlorine | Cl2 | Ceiling | 0.5 | 1.5 | 7782-50-5 | Specified Group-C1 Chemical Substance |
| 77 | 二氧化氯 | Chlorine dioxide | ClO2 | 　 | 0.1 | 0.28 | 10049-04-4 | 　 |
| 78 | 三氟化氯 | Chlorine trifluoride | ClF3 | Ceiling | 0.1 | 0.38 | 7790-91-2 | Specified Group-C1 Chemical Substance |
| 79 | 一氯乙醛 | Chloroacetaldehyde | ClCH2CHO | Ceiling | 1 | 3.2 | 107-20-0 | 　 |
| 80 | α-苯氯乙酮（ω-苯氯乙酮） | α-Chloroacetophenone (ω-Chloroacetophenone) | C6H5COCH2Cl | 　 | 0.05 | 0.32 | 532-27-4 | 　 |
| 81 | 氯乙醯氯 | Chloroacetyl chloride | CH2ClCOCl | 　 | 0.05 | 0.23 | 79-04-9 | 　 |
| 82 | 氯苯 | Chlorobenzene | C6H5Cl | 　 | 75 | 345 | 108-90-7 | Second-Class Organic Solvent |
| 83 | 溴氯甲烷 | Chlorobromomethane | BrCH2Cl | 　 | 200 | 1060 | 74-97-5 | 　 |
| 84 | 2-氯-1,3-丁二烯 | 2-Chloro-1,3-butadiene | H2C=CClCH=CH2 | Skin | 10 | 36 | 126-99-8 | 　 |
| 85 | 氯二氟甲烷 | Chlorodifluoromethane | CHClF2 | 　 | 1000 | 3540 | 75-45-6 | 　 |
| 86 | 氯乙烷 | Chloroethane | CH3CH2Cl | 　 | 1000 | 2640 | 75-00-3 | 　 |
| 87 | 2-氯乙醇 | 2-Chloroethanol | ClCH2CH2OH | Skin | 1 | 3.3 | 107-07-3 | 　 |
| 88 | 二氯甲醚 | Bis-Chloromethyl ether | ClCH2OCH2Cl | 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 | 氯甲基甲基醚 | Chloromethyl methyl ether | ClCH2OCH3  | 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 | C3H6ClNO2 | 　 | 2 | 10 | 600-25-9 | 　 |
| 91 | 氯五氟乙烷 | Chloropentafluoroethane | CClF2CF3 | 　 | 1000 | 6320 | 76-15-3 | 　 |
| 92 | 氯化苦（三氯硝甲烷） | Chloropicrin (Trichloronitromethane) | CCl3NO2 | 　 | 0.1 | 0.67 | 76-06-2 | 　 |
| 93 | 鄰-氯苯乙烯 | o-Chlorostyrene | ClC6H4CH=CH2 | 　 | 50 | 283 | 2039-87-4 | 　 |
| 94 | 鄰-氯甲苯 | o-Chlorotoluene | ClC6H4CH3 | 　 | 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) | CrO42-, Cr2O72-, CrO3 | Tumor | 　 | 0.05 | 　 | Chromic acid belongs to Specified Group-C3 Chemical Substance |
| 97 | 二價鉻化合物（以鉻計） | Chromium (Ⅱ) compounds (as Cr) | Cr | 　 | 　 | 0.5 | 　 | 　 |
| 98 | 三價鉻化合物（以鉻計） | Chromium (Ⅲ) compounds (as Cr) | 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，金屬燻煙及粉塵（以鈷計） | Cobalt, metal fume and dust (as Co) | Co/CoO/Co2O2/Co2O4 | 　 | 　 | 0.05 | 7440-48-4 | 　 |
| 101 | 煉焦爐逸散物  | Coke-oven missions | 　 | Tumor | 　 | 0.15 | 　 | 　 |
| 102 | 銅，燻煙 | Copper, fume | Cu/Cu2O/CuO | 　 | 　 | 0.2 | 7440-50-8 | 　 |
| 103 | 銅，粉塵和霧滴（以銅計） | Copper, dust and mist (as Cu) | CuSO4·5H2O/CuCl | 　 | 　 | 1 | 7440-50-8 | 　 |
| 104 | 棉塵 | Cotton dust | 　 | 　 | 　 | 0.2 | 　 | Except cotton fiber |
| 105 | 巴豆醛 | Crotonaldehyde | CH3CH=CHCHO | 　 | 2 | 5.7 | 4170-30-3 | 　 |
| 106 | 異丙苯 | Cumene (Isopropyl benzene) | C6H5CH(CH3)2 | Skin | 50 | 246 | 98-82-8 | 　 |
| 107 | 甲酚（包括所有異構物） | Cresol (all isomers) | CH3C6H4OH | Skin | 5 | 22 | 1319-77-3;95-48-7;108-39-4;106-44-5 | Second-Class Organic Solvent |
| 108 | 氰胺（氰滿素） | Cyanamide | H2NCN | 　 | 　 | 2 | 420-04-2 | 　 |
| 109 | 氰化物（以氰根計） | Cyanides (as CN-) | CN- | Skin | 　 | 5 | 　 | Potassuim cyanide and sodium cyanide belong to Specified Group-C3 Chemical Substance |
| 110 | 環己胺 | Cyclohexylamine | C6H11NH2 | 　 | 10 | 41 | 108-91-8 | 　 |
| 111 | 環己烷 | Cyclohexane | C6H12 | 　 | 300 | 1030 | 110-82-7 | 　 |
| 112 | 環己醇 | Cyclohexanol | C6H11OH | Skin | 50 | 206 | 108-93-0 | Second-Class Organic Solvent |
| 113 | 環己酮 | Cyclohexanone | C5H10CO | Skin | 25 | 100 | 108-94-1 | Second-Class Organic Solvent |
| 114 | 1,3-環戊二烯 | 1,3-Cyclopentadiene | C5H6 | 　 | 75 | 203 | 542-92-7 | 　 |
| 115 | 環戊烷 | Cyclopentane | C5H10 | 　 | 600 | 1720 | 287-92-3 | 　 |
| 116 | 2,4-地（2,4-二氯苯氧乙酸） | 2,4-D (2,4-Dichlorophenoxyacetic acid) | Cl2C6H3OCH2COOH | 　 | 　 | 10 | 94-75-7 | 　 |
| 117 | 十硼烷 | Decaborane | B10H14 | Skin | 0.05 | 0.25 | 17702-41-9 | 　 |
| 118 | 滅賜松 | Demeton | C8H19O3PS2 | Skin | 0.01 | 0.11 | 8065-48-3 | 　 |
| 119 | 二丙酮醇 | Diacetone alcohol | (CH3)2C(OH)CH2COCH3 | 　 | 50 | 238 | 123-42-2 | 　 |
| 120 | 大利松 | Diazinon | [(CH3)2CHC4N2H(CH3)O]PS(OC2H5)2 | Skin | 　 | 0.01 | 333-41-5 | 　 |
| 121 | 重氮甲烷 | Diazomethane | CH2N2 | Tumor | 0.2 | 0.34 | 334-88-3 | 　 |
| 122 | 二硼烷 | Diborane | B2H6 | 　 | 0.1 | 0.11 | 19287-45-7 | 　 |
| 123 | 磷酸二丁酯 | Dibutyl phosphate | (C4H9O)2POOH | 　 | 1 | 8.6 | 107-66-4 | 　 |
| 124 | 鄰苯二甲酸二丁酯 | Dibutyl phthalate | C6H4(COOC4H9)2 | 　 | 　 | 5 | 84-74-2 | 　 |
| 125 | 鄰-二甲氧基聯苯胺及其鹽類 | Dianisidine and its salts | (C6H3(NH2)OCH3)2 | Tumor | 　 | 　 | 119-90-4 | Specified Group-B Chemical Substance |
| 126 | 二氯乙炔 | Dichloroacetylene | C2Cl2 | Ceiling | 0.1 | 0.39 | 7572-29-4 | 　 |
| 127 | 鄰-二氯苯 | o-Dichlorobenzene | C6H4Cl2 | Ceiling | 50 | 301 | 95-50-1 | Second-Class Organic Solvent |
| 128 | 對-二氯苯 | p-Dichlorobenzene | C6H4Cl2 | 　 | 75 | 450 | 106-46-7 | 　 |
| 129 | 3,3'-二氯聯苯胺及其鹽類 | 3,3'-Dichlorobenzidine and its salts | (C6H3ClNH2)2 | SkinTumor | 　 | 　 | 91-94-1 | Specified Group-B Chemical Substance |
| 130 | 二氯二氟甲烷 | Dichlorodifluoromethane  | CCl2F2 | 　 | 1000 | 4950 | 75-71-8 | 　 |
| 131 | 1,3-二氯-5,5-二甲基乙內醯脲 | 1,3-Dichloro-5,5-dimethylhydantoin | C5H6Cl2N2O2 | 　 | 　 | 0.2 | 118-52-5 | 　 |
| 132 | 1,1-二氯乙烷 | 1,1-Dichloroethane | CH3CHCl2 | 　 | 100 | 405 | 75-34-3 | 　 |
| 133 | 1,2-二氯乙烷 | 1,2-Dichloroethane (Ethylene dichloride) | CH2ClCH2Cl | 　 | 10 | 40 | 107-06-2 | First-Class Organic Solvent |
| 134 | 1,2-二氯乙烯 | 1,2-Dichloroethylene | ClCH=CHCl | 　 | 200 | 793 | 540-59-0 | First-Class Organic Solvent |
| 135 | 二氯乙醚 | Dichloroethyl ether | (ClCH2CH2)2O | CeilingSkin | 5 | 29 | 111-44-4 | 　 |
| 136 | 二氯甲烷 | Dichloromethane (Methylene chloride) | CH2Cl2 | Tumor | 50 | 174 | 75-09-2 | Second-Class Organic Solvent |
| 137 | 二氯氟甲烷 | Dichloromonofluoromethane | CHCl2F | 　 | 10 | 42 | 75-43-4 | 　 |
| 138 | 1,1-二氯-1-硝基乙烷 | 1,1-Dichloro-1-nitroethane | H3CC(Cl)2NO2 | Ceiling | 2 | 12 | 594-72-9 | 　 |
| 139 | 1,2-二氯丙烷 | 1,2-Dichloropropane | CH3CHClCH2Cl | 　 | 75 | 347 | 78-87-5 | 　 |
| 140 | 1,3-二氯丙烯 | 1,3-Dichloropropene | CHCl=CHCH2Cl | Skin | 1 | 4.5 | 542-75-6 | 　 |
| 141 | 2,2-二氯丙酸 | 2,2-Dichloropropionic acid | CH3CCl2COOH | 　 | 1 | 5.8 | 75-99-0 | 　 |
| 142 | 1,1,2,2-四氟-1,2-二氯乙烷 | 1,2-Dichloro-1,1,2,2-tetrafluoroethane | CClF2CClF2 | 　 | 1000 | 6990 | 76-14-2 | 　 |
| 143 | 雙特松 | Dicrotophos | (CH3O)2P(O)OC(CH3)=CHC(O)N(CH3)2 | Skin | 　 | 0.25 | 141-66-2 | 　 |
| 144 | 二環戊二烯 | Dicyclopentadiene | C10H12 | 　 | 5 | 27 | 77-73-6 | 　 |
| 145 | 地特靈 | Dieldrin | C12H8Cl6O | Skin | 　 | 　 | 60-57-1 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 146 | 二乙醇胺 | Diethanolamine | (HOCH2CH2)2NH | 　 | 3 | 13 | 111-42-2 | 　 |
| 147 | 二乙胺 | Diethylamine | (C2H5)2NH | 　 | 10 | 30 | 109-89-7 | 　 |
| 148 | 2-二乙胺基乙醇 | 2-Diethylaminoethanol | (C2H5)2NCH2CH2OH | Skin | 10 | 48 | 100-37-8 | 　 |
| 149 | 二次乙基三胺 | Diethylenetriamine | NH2C2H4NHC2H4NH2 | Skin | 1 | 4.2 | 111-40-0 | 　 |
| 150 | 二乙酮 | Diethyl ketone | C2H5COC2H5 | 　 | 200 | 705 | 96-22-0 | 　 |
| 151 | 鄰苯二甲酸二乙酯 | Diethyl phthalate | C6H4(CO2C2H5)2 | 　 | 　 | 5 | 84-66-2 | 　 |
| 152 | 二溴二氟甲烷 | Difluorodibromomethane | CF2Br2 | 　 | 100 | 858 | 75-61-6 | 　 |
| 153 | 縮水甘油醚 | Diglycidyl ether (DGE) | OCH2CHCH2OCH2CHCH2O | Ceiling | 0.1 | 0.53 | 2238-07-5 | 　 |
| 154 | 二異丁酮 | Diisobutyl ketone | (C4H9)2CO | 　 | 25 | 145 | 108-83-8 | 　 |
| 155 | 二異丙胺 | Diisopropylamine | [(CH3)2CH]2NH | Skin | 5 | 21 | 108-18-9 | 　 |
| 156 | N,N-二甲基乙醯胺 | N,N-Dimethylacetamide | CH3CON(CH3)2 | Skin | 10 | 36 | 127-19-5 | 　 |
| 157 | 二甲胺 | Dimethylamine | (CH3)2NH | 　 | 10 | 18 | 124-40-3 | 　 |
| 158 | N,N-二甲基苯胺 | N,N-Dimethylaniline | C6H5N(CH3)2 | Skin | 5 | 25 | 121-69-7 | 　 |
| 159 | 二氯松 | DDVP (Dimethyl dichlorovinyl phosphate) | (CH3)2PO4CH=CCl2 | Skin | 0.1 | 1 | 62-73-7 | 　 |
| 160 | N,N-二甲基甲醯胺 | N,N-Dimethylformamide (DMF) | HCON(CH3)2 | Skin | 10 | 30 | 68-12-2 | Second-Class Organic Solvent |
| 161 | 鄰苯二甲酸二甲酯 | Dimethyl phthalate | C6H4(COOCH3)2 | 　 | 　 | 5 | 131-11-3 | 　 |
| 162 | 硫酸二甲酯 | Dimethyl sulfate | (CH3)2SO4 | Skin | 0.1 | 0.52 | 77-78-1 | Specified Group-C1 Chemical Substance |
| 163 | 二硝基苯（含異構物） | Dinitrobenzene (all isomers) | C6H4(NO2)2 | Skin | 0.15 | 1 | 25454-54-5;528-29-0;99-65-0;100-25-4 | 　 |
| 164 | 4,6-二硝基-鄰-甲酚 | 4,6-Dinitro-o-cresol | CH3C6H2(NO2)2OH | Skin | 　 | 0.2 | 534-52-1 | 　 |
| 165 | 2,4-二硝基甲苯 | 2,4-Dinitrotoluene | C6H3CH3(NO2)2 | Skin | 　 | 1.5 | 25321-14-6 | 　 |
| 166 | 鄰-苯二甲酸二辛酯 | o-Dioctyl phthalate | C6H4(COOC8H17)2 | 　 | 　 | 5 | 117-81-7 | 　 |
| 167 | 1,4-二氧陸圜 | 1,4-Dioxane | (C2H4)2O2 | Skin | 25 | 90 | 123-91-1 | Second-Class Organic Solvent |
| 168 | 大克松 | Dioxathion | C4H6O2[SPS(OC2H5)2]2 | Skin | 　 | 0.2 | 78-34-2 | 　 |
| 169 | 二苯胺 | Diphenylamine | (C6H5)2NH | 　 | 　 | 10 | 122-39-4 | 　 |
| 170 | 二丙二醇甲醚 | Dipropylene glycol methyl ether | CH3OC3H6OC3H6OH | Skin | 100 | 606 | 34590-94-8 | 　 |
| 171 | 二丙基酮 | Dipropyl ketone | (CH3CH2CH2)2CO | 　 | 50 | 233 | 123-19-3 | 　 |
| 172 | 二硫松 | Disulfoton | (C2H5O)2P(S)SCH2CH2SCH2CH3 | Skin | 　 | 0.1 | 298-04-4 | 　 |
| 173 | 二乙烯苯 | Divinylbenzene (DVB) | C6H4(CHCH2)2 | 　 | 10 | 53 | 1321-74-0 | 　 |
| 174 | 安殺番 | Endosulfan | C9H6Cl6O3S | Skin | 　 | 0.1 | 115-29-7 | Endosulfan 35% emulsion belongs to prohibited pesticide |
| 175 | 安特靈 | Endrin | C12H8Cl6O | Skin | 　 | 　 | 72-20-8 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 176 | 一品松 | EPN | C6H5P(C2H5O)(S)OC6H4NO2 | Skin | 　 | 0.5 | 2104-64-5 | 　 |
| 177 | 環氧氯丙烷 | Epichlorohydrin | OCH2CHCH2Cl | Skin | 2 | 7.6 | 106-89-8 | 　 |
| 178 | 1,2-環氧丙烷 | 1,2-Epoxypropane | OCH2CHCH3 | 　 | 20 | 48 | 75-56-9 | 　 |
| 179 | 2,3-環氧丙醇 | 2,3-Epoxy-1-propanol (Glycidol) | CH2OHCHCH2O | 　 | 25 | 76 | 556-52-5 | 　 |
| 180 | 乙醇胺 | Ethanolamine | NH2CH2CH2OH | 　 | 3 | 7.5 | 141-43-5 | 　 |
| 181 | 愛殺松 | Ethion | [(C2H5O)2P(S)S]2CH2 | Skin | 　 | 0.4 | 563-12-2 | 　 |
| 182 | 乙胺 | Ethylamine | C2H5NH2 | 　 | 10 | 18 | 75-04-7 | 　 |
| 183 | 乙酸乙酯 | Ethyl acetate | CH3COOC2H5 | 　 | 400 | 1440 | 141-78-6 | Second-Class Organic Solvent |
| 184 | 丙烯酸乙酯 | Ethyl acrylate | CH2=CHCOOC2H5 | 　 | 25 | 102 | 140-88-5 | 　 |
| 185 | 乙醇 | Ethyl alcohol | C2H5OH | 　 | 1000 | 1880 | 64-17-5 | 　 |
| 186 | 5-甲基-3-庚酮 | Ethyl amyl ketone | CH3CH2CH(CH3)CH2COCH2CH3 | 　 | 25 | 131 | 541-85-5 | 　 |
| 187 | 溴乙烷 | Ethyl bromide | C2H5Br | Skin | 200 | 892 | 74-96-4 | 　 |
| 188 | 3-庚酮 | Ethyl butyl ketone | CH3(CH2)3COCH2CH3 | 　 | 50 | 234 | 106-35-4 | 　 |
| 189 | 乙醚 | Ethyl ether | (C2H5)2O | 　 | 400 | 1210 | 60-29-7 | Second-Class Organic Solvent |
| 190 | 乙二胺（伸乙二胺） | Ethylenediamine | NH2CH2CH2NH2 | Skin | 10 | 25 | 107-15-3 | 　 |
| 191 | 二溴乙烷 | Ethylene dibromide | C2H4Br2 | Skin | 20 | 154 | 106-93-4 | Prohibited pesticide  |
| 192 | 乙二醇（霧滴） | Ethylene glycol (mist) | CH2OHCH2OH | 　 | 　 | 10 | 107-21-1 | 　 |
| 193 | 乙二醇（蒸氣） | Ethylene glycol (vapor) | CH2OHCH2OH | Ceiling | 50 | 127 | 107-21-1 | 　 |
| 194 | 次乙亞胺 | Ethylenimine | H2CNHCH2 | Skin | 0.5 | 0.88 | 151-56-4 | Specified Group-C1 Chemical Substance |
| 195 | 乙二醇丁醚 | Ethylene glycol monobutyl ether | CH2OHCH2OC4H9 | Skin | 25 | 121 | 111-76-2 | Second-Class Organic Solvent |
| 196 | 乙二醇乙醚 | Ethylene glycol monoethyl ether | CH2OHCH2OC2H5 | Skin | 5 | 18 | 110-80-5 | Second-Class Organic Solvent |
| 197 | 乙二醇乙醚醋酸酯 | Ethylene glycol monoethyl ether acetate | C2H5OCH2CH2COOCH3 | Skin | 5 | 27 | 111-15-9 | Second-Class Organic Solvent |
| 198 | 乙二醇甲醚 | Ethylene glycol monomethyl ether | CH2OHCH2OCH3 | Skin | 5 | 16 | 109-86-4 | Second-Class Organic Solvent |
| 199 | 乙二醇甲醚醋酸酯 | Ethylene glycol monomethyl ether acetate | CH3COOCH2CH2OCH3 | Skin | 5 | 24 | 110-49-6 | 　 |
| 200 | 環氧乙烷 | Ethylene oxide | C2H4O | Tumor | 1 | 1.8 | 75-21-8 | Specified Group-C1 Chemical Substance |
| 201 | 甲酸乙酯 | Ethyl formate | HCOOC2H5 | 　 | 100 | 303 | 109-94-4 | 　 |
| 202 | 乙硫醇 | Ethyl mercaptan | C2H5SH | Ceiling | 10 | 25 | 75-08-1 | 　 |
| 203 | N-乙基-1,4-氧氮陸圜 | N-Ethylmorpholine | CH2CH2OCH2CH2NCH2CH3 | Skin | 5 | 24 | 100-74-3 | 　 |
| 204 | 樂乃松 | Fenchlorphos (Ronnel) | (CH3O)2P(S)OC6H2Cl3 | 　 | 　 | 10 | 299-84-3 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 205 | 釩亞鐵合金（粉塵） | Ferrovanadium (dust) | 　 | 　 | 　 | 1 | 12604-58-9 | 　 |
| 206 | 氟化物（以氟計） | Fluorides (as F) | F | 　 | 　 | 2.5 | 　 | 　 |
| 207 | 氟 | Fluorine | F2 | 　 | 1 | 1.6 | 7782-41-4 | 　 |
| 208 | 氟三氯甲烷 | Fluorotrichloromethane | CCl3F | 　 | 1000 | 5620 | 75-69-4 | 　 |
| 209 | 甲醯胺 | Formamide | HCONH2 | Skin | 20 | 37 | 75-12-7 | 　 |
| 210 | 甲醛 | Formaldehyde | HCHO | Tumor | 1 | 1.2 | 50-00-0 | Specified Group-D Chemical Substance |
| 211 | 甲酸 | Formic acid | HCOOH | 　 | 5 | 9.4 | 64-18-6 | 　 |
| 212 | 呋喃甲醛 | Furfural | C4H3OCHO | Skin | 2 | 7.9 | 98-01-1 | 　 |
| 213 | 呋喃甲醇 | Furfuryl alcohol | C4H3OCH2OH | Skin | 10 | 40 | 98-00-0 | 　 |
| 214 | 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 |
| 215 | 四氫化鍺 | Germanium tetrahydride | GeH4 | 　 | 0.2 | 0.63 | 7782-65-2 | 　 |
| 216 | 戊二醛 | Glutaraldehyde | OHC(CH2)3CHO | Ceiling | 0.2 | 0.82 | 111-30-8 | 　 |
| 217 | 穀粉 | Grain dust | 　 | 　 | 　 | 10 | 　 | 　 |
| 218 | 鉿 | Hafnium | Hf | 　 | 　 | 0.5 | 7440-58-6 | 　 |
| 219 | 飛佈達 | Heptachlor | C10H5Cl7 | Skin | 　 | 0.5 | 76-44-8 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 220 | 正庚烷 | n-Heptane | CH3(CH2)5CH3 | 　 | 400 | 1640 | 142-82-5 | 　 |
| 221 | 六氯丁二烯 | Hexachlorobutadiene | Cl2CCClCClCCl2 | Skin | 0.02 | 0.21 | 87-68-3 | 　 |
| 222 | 六氯環戊二烯 | Hexachlorocyclopentadiene | C5Cl6 | 　 | 0.01 | 0.11 | 77-47-4 | 　 |
| 223 | 六氯乙烷 | Hexachloroethane | Cl3CCCl3 | Skin | 1 | 9.7 | 67-72-1 | 　 |
| 224 | 六氯萘 | Hexachloronaphthalene | C10H2Cl6 | Skin | 　 | 0.2 | 1335-87-1 | 　 |
| 225 | 六氟丙酮 | Hexafluoroacetone | CF3COCF3 | Skin | 0.1 | 0.68 | 684-16-2 | 　 |
| 226 | 六亞甲基二異氰酸酯 | Hexamethylene diisocyanate (HDI) | OCN(CH2)6NCO | 　 | 0.005 | 0.034 | 822-06-0 | 　 |
| 227 | 正己烷 | n-Hexane | CH3(CH2)4CH3 | Skin | 50 | 176 | 110-54-3 | Second-Class Organic Solvent |
| 228 | 己烷異構物 | Hexane isomers | C6H14 | 　 | 500 | 1760 | 　 | 　 |
| 229 | 乙酸第二己酯 | sec-Hexyl acetate | CH3COOC6H13 | 　 | 50 | 295 | 108-84-9 | 　 |
| 230 | 2-甲基-2,4-戊二醇 | Hexylene glycol | (CH3)2COHCH2CHOHCH3 | Ceiling | 25 | 121 | 107-41-5 | 　 |
| 231 | 溴化氫 | Hydrogen bromide | HBr | Ceiling | 3 | 9.9 | 10035-10-6 | Specified Group-C1 Chemical Substance |
| 232 | 氯化氫 | Hydrogen chloride | HCl | Ceiling | 5 | 7.5 | 7647-01-0 | Specified Group-D Chemical Substance |
| 233 | 聯胺 | Hydrazine | NH2NH2 | Skin | 0.1 | 0.13 | 302-01-2 | 　 |
| 234 | 氰化氫 | Hydrogen cyanide | HCN | Skin | 10 | 11 | 74-90-8 | Specified Group-C1 Chemical Substance |
| 235 | 氟化氫 | Hydrogen fluoride | HF | 　 | 3 | 2.6 | 7664-39-3 | Specified Group-C1 Chemical Substance; Prohibited to be used as chemical weapons |
| 236 | 過氧化氫 | Hydrogen peroxide | H2O2 | 　 | 1 | 1.4 | 7722-84-1 | 　 |
| 237 | 硒化氫 | Hydrogen selenide | H2Se | 　 | 0.05 | 0.16 | 7783-07-5 | 　 |
| 238 | 硫化氫 | Hydrogen sulfide | H2S | Ceiling | 10 | 14 | 7783-06-4 | Specified Group-C1 Chemical Substance |
| 239 | 氫醌 | Hydroquinone | C6H4(OH)2 | 　 | 　 | 2 | 123-31-9 | 　 |
| 240 | 銦及其化合物（以銦計） | Indium and its compounds (as In) | In | 　 | 　 | 0.1 | 7440-74-6 |  |
| 241 | 碘 | Iodine | I2 | Ceiling | 0.1 | 1 | 7553-56-2 | 　 |
| 242 | 五羰鐵（以鐵計） | Iron pentacarbonyl (as Fe) | Fe(CO)5 | 　 | 0.1 | 0.23 | 13463-40-6 | 　 |
| 243 | 氧化鐵（燻煙） | Iron oxide (fume) | FeO, Fe3O4 | 　 | 　 | 10 | 1309-37-1 | 　 |
| 244 | 乙酸異戊酯 | Isoamyl acetate | CH3COO(CH2)2CH(CH3)2 | 　 | 100 | 532 | 123-92-2 | Second-Class Organic Solvent |
| 245 | 異戊醇 | Isoamyl alcohol | (CH3)2CHCH2CH2OH | 　 | 100 | 361 | 123-51-3 | Second-Class Organic Solvent |
| 246 | 乙酸異丁酯 | Isobutyl acetate | CH3COOCH2CH(CH3)2 | 　 | 150 | 713 | 110-19-0 | Second-Class Organic Solvent |
| 247 | 異丁醇 | Isobutyl alcohol | (CH3)2CHCH2OH | 　 | 50 | 152 | 78-83-1 | Second-Class Organic Solvent |
| 248 | 異辛醇 | Isooctyl alcohol | C7H15CH2OH | Skin | 50 | 266 | 26952-21-6 | 　 |
| 249 | 異佛爾酮 | Isophorone | C9H14O | 　 | 5 | 28 | 78-59-1 | 　 |
| 250 | 二異氰酸異佛爾酮 | Isophorone diisocyanate (IPDI) | C10H18(NCO)2 | 　 | 0.005 | 0.045 | 4098-71-9 | Specified Group-C1 Chemical Substance |
| 251 | 2-異丙氧基乙醇 | 2-Isopropoxyethanol | (CH3)2CHOCH2CH2OH | Skin | 25 | 106 | 109-59-1 | 　 |
| 252 | 乙酸異丙酯 | Isopropyl acetate | CH3COOCH(CH3)2 | 　 | 250 | 1040 | 108-21-4 | Second-Class Organic Solvent |
| 253 | 異丙胺 | Isopropylamine | (CH3)2CHNH2 | 　 | 5 | 12 | 75-31-0 | 　 |
| 254 | 異丙醇 | Isopropyl alcohol | (CH3)2CHOH | 　 | 400 | 983 | 67-63-0 | Second-Class Organic Solvent |
| 255 | 異丙苯胺 | N-Isopropylaniline | C6H5NHCH(CH3)2 | Skin | 2 | 11 | 768-52-5 | 　 |
| 256 | 異丙醚 | Isopropyl ether | (CH3)2CHOCH(CH3)2 | 　 | 250 | 1040 | 108-20-3 | 　 |
| 257 | 異丙基缩水甘油醚 | Isopropyl glycidyl ether (IGE) | CH(CH3)2OCH2CHCH2O | 　 | 50 | 238 | 4016-14-2 | 　 |
| 258 | 乙烯酮 | Ketene | H2C=CO | 　 | 0.5 | 0.86 | 463-51-4 | 　 |
| 259 | 鉛及其無機化合物（以鉛計） | Lead and its inorganic compounds (as Pb) | Pb | 　 | 　 | 0.05 | 7439-92-1 | 　 |
| 260 | 砷酸鉛 | Lead arsenate | Pb3(AsO4)2 | 　 | 　 | 0.15 | 7784-40-9 | Specified Group-C3 Chemical Substance |
| 261 | 鉻酸鉛（以鉻計） | Lead chromate (as Cr) | PbCrO4 | Tumor | 　 | 0.05 | 7758-97-6 | Specified Group-C3 Chemical Substance |
| 262 | 靈丹 | Lindane | C6H6Cl6 | Skin | 　 | 　 | 58-89-9 | Prohibited pesticide; Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 263 | 亞麻 | Linen | 　 | 　 | 　 | 0.2 | 　 | 　 |
| 264 | 液化石油氣 | L.P.G. (Liquified petroleum gas) | CnH2n+2(N=2~4) | 　 | 1000 | 1800 | 68476-85-7 | 　 |
| 265 | 氫化鋰 | Lithium hydride | LiH | 　 | 　 | 0.025 | 7580-67-8 | 　 |
| 266 | 苯胺紅（一品紅） | Magenta | C20H19N3 | Tumor | 　 | 　 | 632-99-5 | Specified Group-C2 Chemical Substance |
| 267 | 氧化鎂（燻煙） | Magnesium oxide (fume) | MgO | 　 | 　 | 10 | 1309-48-4 | 　 |
| 268 | 馬拉松 | Malathion | C10H19O6PS2 | Skin | 　 | 10 | 121-75-5 | 　 |
| 269 | 順-丁烯二酐 | Maleic anhydride | (CHCO)2O | 　 | 0.25 | 1 | 108-31-6 | 　 |
| 270 | 錳，燻煙（以錳計） | Manganese, fume (as Mn) | Mn | 　 | 　 | 1 | 7439-96-5 | Specified Group-C3 Chemical Substance |
| 271 | 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 |
| 272 | 環戊二烯三羰基錳（以錳計） | Manganese cyclopentadienyl tricarbonyl (as Mn) | C5H4Mn(CO)3 | Skin | 　 | 0.1 | 12079-65-1 | Specified Group-C3 Chemical Substance |
| 273 | 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 |
| 274 | 汞，有機化合物 | Mercury (Organic compounds) | Hg | Skin | 　 | 0.01 | 7439-97-6 | Prohibited pesticide |
| 275 | 亞異丙基丙酮 | Mesityl oxide | (CH3)2C=CHCOCH3 | 　 | 15 | 60 | 141-79-7 | 　 |
| 276 | 甲基丙烯酸 | Methacrylic acid | CH2=C(CH3)COOH | 　 | 20 | 70 | 79-41-4 | 　 |
| 277 | 4-甲氧苯酚 | 4-Methoxyphenol | CH3OC6H4OH | 　 | 　 | 5 | 150-76-5 | 　 |
| 278 | 乙酸甲酯 | Methyl acetate | CH3COOCH3 | 　 | 200 | 606 | 79-20-9 | Second-Class Organic Solvent |
| 279 | 丙炔 | Methyl acetylene | CH3C≡CH | 　 | 1000 | 1640 | 74-99-7 | 　 |
| 280 | 丙烯酸甲酯 | Methyl acrylate | CH2=CHCOOCH3 | Skin | 10 | 35 | 96-33-3 | 　 |
| 281 | 甲基丙烯腈 | Methylacrylonitrile | CH2=C(CH3)CN | Skin | 1 | 2.7 | 126-98-7 | 　 |
| 282 | 二甲氧甲烷 | Methylal | CH3OCH2OCH3 | 　 | 1000 | 3110 | 109-87-5 | 　 |
| 283 | 甲醇 | Methyl alcohol | CH3OH | Skin | 200 | 262 | 67-56-1 | Second-Class Organic Solvent |
| 284 | 甲胺 | Methylamine | CH3NH2 | 　 | 10 | 13 | 74-89-5 | 　 |
| 285 | 甲基正戊酮 | Methyl n-amyl ketone | CH3(CH2)4COCH3 | 　 | 50 | 233 | 110-43-0 | 　 |
| 286 | N-甲苯胺 | N-Methylaniline | C6H5NHCH3 | Skin | 0.5 | 2.2 | 100-61-8 | 　 |
| 287 | 溴甲烷 | Methyl bromide | CH3Br | CeilingSkin | 5 | 19 | 74-83-9 | Specified Group-C1 Chemical Substance |
| 288 | 甲基正丁酮 | Methyl n-butyl ketone | CH3COC4H9 | Skin | 5 | 20 | 591-78-6 | Second-Class Organic Solvent |
| 289 | 氯甲烷 | Methyl chloride | CH3Cl | Skin | 50 | 103 | 74-87-3 | 　 |
| 290 | 2-氰基丙烯酸甲酯 | Methyl 2-cyanoacrylate | CH2=C(CN)COOCH3 | 　 | 2 | 9.1 | 137-05-3 | 　 |
| 291 | 甲基環己烷 | Methylcyclohexane | CH3C6H11 | 　 | 400 | 1610 | 108-87-2 | 　 |
| 292 | 甲基環己醇 | Methylcyclohexanol | CH3C6H10OH | 　 | 50 | 234 | 25639-42-3 | Second-Class Organic Solvent |
| 293 | 甲基環己酮 | Methylcyclohexanone | CH3C5H9CO | Skin | 50 | 229 | 583-60-8 | Second-Class Organic Solvent |
| 294 | 甲基環戊二烯三羰基錳（以錳計） | Methylcyclopentadienyl manganese tricarbonyl (as Mn) | CH3C5H4Mn(CO)3 | Skin | 　 | 0.2 | 12108-13-3 | Specified Group-C3 Chemical Substance |
| 295 | 3,3'-二氯-4,4'-二胺基苯化甲烷 | 4,4'-Methylene bis(2-chloroaniline) | C13H12Cl2N2 | SkinTumor | 0.02 | 0.218 | 101-14-4 | Specified Group-C1 Chemical Substance |
| 296 | 4,4'-二異氰酸二苯甲烷 | Methylene bisphenyl isocyanate (MDI) | OCNC6H4CH2C6H4NCO | Ceiling | 0.02 | 0.2 | 101-68-8 | Specified Group-C1 Chemical Substance |
| 297 | 丁酮 | Methyl ethyl ketone | CH3COC2H5 | 　 | 200 | 590 | 78-93-3 | Second-Class Organic Solvent |
| 298 | 過氧化丁酮 | Methyl ethyl ketone peroxide (MEKPO) | C8H16O4 | Ceiling | 0.2 | 1.5 | 1338-23-4 | 　 |
| 299 | 甲酸甲酯 | Methyl formate | HCOOCH3 | 　 | 100 | 246 | 107-31-3 | 　 |
| 300 | 甲基聯胺 | Methylhydrazine | CH3NHNH2 | SkinCeiling | 0.2 | 0.38 | 60-34-4 | 　 |
| 301 | 碘甲烷 | Methyl iodide | CH3I | Skin | 2 | 12 | 74-88-4 | Specified Group-C1 Chemical Substance |
| 302 | 甲基異戊酮 | Methyl isoamyl ketone | CH3COC2H4CH(CH3)2 | 　 | 50 | 234 | 110-12-3 | 　 |
| 303 | 4-甲基-2-戊醇 | Methyl isobutyl carbinol | (CH3)2CHCH2CH(CH3)OH | Skin | 25 | 104 | 108-11-2 | 　 |
| 304 | 甲基異丁酮 | Methyl isobutyl ketone | CH3COCH(CH3)2 | 　 | 50 | 205 | 108-10-1 | Second-Class Organic Solvent |
| 305 | 異氰酸甲酯 | Methyl isocyanate | CH3NCO | Skin | 0.02 | 0.05 | 624-83-9 | Specified Group-C1 Chemical Substance |
| 306 | 甲基異丙酮 | Methyl isopropyl ketone | CH3COCH(CH3)2 | 　 | 200 | 705 | 563-80-4 | 　 |
| 307 | 甲硫醇 | Methyl mercaptan | H3CSH | Ceiling  | 10 | 20 | 74-93-1 | 　 |
| 308 | 甲基丙烯酸甲酯 | Methyl methacrylate | C3H5COOCH3 | 　 | 100 | 410 | 80-62-6 | 　 |
| 309 | 甲基巴拉松 | Methyl parathion | (CH3O)2P(S)OC6H4NO2 | Skin | 　 | 0.2 | 298-00-0 | 　 |
| 310 | 甲丙酮 | Methyl propyl ketone | CH3(CH2)2COCH3 | 　 | 200 | 705 | 107-87-9 | 　 |
| 311 | 甲基第三丁基醚 | Methyl tert-butyl ether | (CH3)3COCH3 | 　 | 40 | 144 | 1634-04-4 | 　 |
| 312 | α-甲基苯乙烯 | α-Methylstyrene | C6H5C(CH3)=CH2 | 　 | 50 | 242 | 98-83-9 | 　 |
| 313 | 雲母石 | Mica | 　 | 　 | 　 | 3 | 12001-26-2 | Respirable dust |
| 314 | 鉬，可溶性化合物（以鉬計） | Molybdenum (as Mo) Soluble compounds | Mo | 　 | 　 | 5 | 7439-98-7 | 　 |
| 315 | 嗎啉 | Morpholine | C4H8ONH | Skin | 20 | 71 | 110-91-8 | 　 |
| 316 | 石油精（煤溚） | Naphtha (Coal tar) | C7H8~C8H10 | 　 | 100 | 400 | 8030-30-6 | Third-Class Organic Solvent |
| 317 | 萘 | Naphthalene | C10H8 | 　 | 10 | 52 | 91-20-3 | 　 |
| 318 | α-萘胺 | α-Naphthylamine | C10H7NH2 | Tumor | 　 | 　 | 134-32-7 | Specified Group-B Chemical Substance |
| 319 | β-萘胺 | β-Naphthylamine | C10H7NH2 | 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 |
| 323 | 菸鹼（尼古丁） | Nicotine | C5H4NC4H7NCH3 | Skin | 　 | 0.5 | 54-11-5 | 　 |
| 324 | 硝酸 | Nitric acid | HNO3 | 　 | 2 | 5.2 | 7697-37-2 | Specified Group-D Chemical Substance |
| 325 | 一氧化氮 | Nitric oxide | NO | 　 | 25 | 31 | 10102-43-9 | 　 |
| 326 | 對硝基苯胺 | p-Nitroaniline | NO2C6H4NH2 | Skin | 　 | 3 | 100-01-6 | 　 |
| 327 | 硝基苯 | Nitrobenzene | C6H5NO2 | Skin | 1 | 5 | 98-95-3 | 　 |
| 328 | 對-硝基氯苯 | p-Nitrochlorobenzene | C6H4Cl(NO2) | Skin | 　 | 1 | 100-00-5 | Specified Group-C1 Chemical Substance |
| 329 | 4-硝基聯苯及其鹽類 | 4-Nitrodiphenyl and its salts | H(C6H4)2NO2 | SkinTumor | 　 | 　 | 92-93-3 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance |
| 330 | 硝乙烷 | Nitroethane | CH3CH2NO2 | 　 | 100 | 307 | 79-24-3 | 　 |
| 331 | 二氧化氮 | Nitrogen dioxide | NO2 and N2O4 | Ceiling | 5 | 9 | 10102-44-0 | 　 |
| 332 | 三氟化氮 | Nitrogen trifluoride | NF3 | 　 | 10 | 29 | 7783-54-2 | 　 |
| 333 | 硝化甘油 | Nitroglycerin | C3H5(ONO2)3 | CeilingSkin | 0.2 | 2 | 55-63-0 | 　 |
| 334 | 硝基乙二醇 | Nitroglycol | (CH2ONO2)2 | Skin | 0.02 | 0.12 | 628-96-6 | Specified Group-C3 Chemical Substance |
| 335 | 硝甲烷 | Nitromethane | CH3NO2 | 　 | 100 | 250 | 75-52-5 | 　 |
| 336 | 1-硝丙烷 | 1-Nitropropane | CH3CH2CH2NO2 | 　 | 25 | 91 | 108-03-2 | 　 |
| 337 | 2-硝丙烷 | 2-Nitropropane | CH3CHNO2CH3 | 　 | 10 | 36 | 79-46-9 | 　 |
| 338 | 硝基甲苯 | Nitrotoluene | NO2C6H4CH3 | Skin | 2 | 11 | 88-72-2;99-08-1;99-99-0 | 　 |
| 339 | 一氧化二氮 | Nitrous oxide | N2O | 　 | 50 | 90 | 10024-97-2 | 　 |
| 340 | 正壬烷 | n-Nonane | C9H20 | 　 | 200 | 1050 | 111-84-2 | 　 |
| 341 | 八氯萘 | Octachloronaphthalene | C10Cl8 | Skin | 　 | 0.1 | 2234-13-1 | 　 |
| 342 | 辛烷 | Octane  | C8H18 | 　 | 300 | 1400 | 111-65-9 | 　 |
| 343 | 油霧滴（礦物性） | Oil mist (Mineral) | 　 | 　 | 　 | 5 | 8012-95-1 | 　 |
| 344 | 四氧化鋨（以鋨計） | Osmium tetroxide (as Os) | OsO4 | 　 | 0.0002 | 0.0016 | 20816-12-0 | 　 |
| 345 | 草酸 | Oxalic acid | (COOH)2·2H2O | 　 | 　 | 1 | 144-62-7 | 　 |
| 346 | 氟化氧 | Oxygen difluoride | OF2 | 　 | 0.05 | 0.11 | 7783-41-7 | 　 |
| 347 | 臭氧 | Ozone | O3 | 　 | 0.1 | 0.2 | 10028-15-6 | 　 |
| 348 | 石蠟，燻煙 | Paraffin wax, fume | 　 | 　 | 　 | 2 | 8002-74-2 | 　 |
| 349 | 巴拉刈 | Paraquat | C12H14N2Cl2 or C12H14N2(CH3SO4)2 | 　 | 　 | 0.1 | 4685-14-7 | 　 |
| 350 | 巴拉松 | Parathion | (C2H5O)2PSOC6H4NO2 | Skin | 　 | 0.1 | 56-38-2 | 　 |
| 351 | 五硼烷 | Pentaborane | B5H9 | 　 | 0.005 | 0.013 | 19624-22-7 | 　 |
| 352 | 五氯萘 | Pentachloronaphthalene | C10H3Cl5 | Skin | 　 | 0.5 | 1321-64-8 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 353 | 五氯酚及其鈉鹽 | Pentachlorophenol and its sodium salts | C6Cl5OH | Skin | 　 | 0.5 | 87-86-5 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance |
| 354 | 戊烷 | Pentane | CH3(CH2)3CH3 | 　 | 600 | 1770 | 109-66-0 | 　 |
| 355 | 過氯甲基硫醇 | Perchloromethyl mercaptan | ClSCCl3 | 　 | 0.1 | 0.76 | 594-42-3 | 　 |
| 356 | 過氯酸氟 | Perchloryl fluoride | ClFO3 | 　 | 3 | 13 | 7616-94-6 | 　 |
| 357 | 酚 | Phenol | C6H5OH | Skin | 5 | 19 | 108-95-2 | Specified Group-D Chemical Substance |
| 358 | 吩噻嗪 | Phenothiazine | C12H9NS | Skin | 　 | 5 | 92-84-2 | 　 |
| 359 | 對-苯二胺 | p-Phenylenediamine | C6H4(NH2)2 | 　 | 　 | 0.1 | 106-50-3 | 　 |
| 360 | 苯乙烷 | Phenylethane | C6H5C2H5 | 　 | 100 | 434 | 100-41-4 | 　 |
| 361 | 苯醚，蒸氣 | Phenyl ether, vapor | (C6H5)2O | 　 | 1 | 7 | 101-84-8 | 　 |
| 362 | 苯基縮水甘油醚 | Phenyl glycidyl ether (PGE) | C6H5OCH2CHCH2O | 　 | 1 | 6.1 | 122-60-1 | 　 |
| 363 | 苯肼 | Phenylhydrazine | C6H5NHNH2 | Skin | 5 | 22 | 100-63-0 | 　 |
| 364 | 苯硫醇 | Phenyl mercaptan | C6H5SH | 　 | 0.5 | 2.3 | 108-98-5 | 　 |
| 365 | 苯膦 | Phenylphosphine | C6H5PH2 | Ceiling | 0.05 | 0.23 | 638-21-1 | 　 |
| 366 | 福瑞松 | Phorate | (C2H5O)2P(S)SCH2SC2H5 | Skin | 　 | 0.05 | 298-02-2 | 　 |
| 367 | 美文松 | Phosdrin (Mevinphos) | (CH3O)2P(O)OC(CH3)=CHCOOCH3 | Skin | 0.01 | 0.092 | 7786-34-7 | 　 |
| 368 | 光氣 | Phosgene | COCl2 | 　 | 0.1 | 0.4 | 75-44-5 | Specified Group-D Chemical Substance |
| 369 | 磷化氫 | Phosphine | PH3 | 　 | 0.3 | 0.4 | 7803-51-2 | 　 |
| 370 | 磷酸 | Phosphoric acid | H3PO4 | 　 | 　 | 1 | 7664-38-2 | 　 |
| 371 | 黃磷 | Phosphorus (yellow) | P | 　 | 　 | 0.1 | 7723-14-0 | Specified Group-A Chemical Substance yellow Phosphorus match |
| 372 | 氧氯化磷 | Phosphorus oxychloride | POCl3 | 　 | 0.1 | 0.63 | 10025-87-3 | Specified Group-C1 Chemical Substance |
| 373 | 五氯化磷 | Phosphorus pentachloride | PCl5 | 　 | 　 | 1 | 10026-13-8 | 　 |
| 374 | 五硫化磷 | Phosphorus pentasulfide | P2S5 | 　 | 　 | 1 | 1314-80-3 | 　 |
| 375 | 三氯化磷 | Phosphorus trichloride | PCl3 | 　 | 0.2 | 1.1 | 7719-12-2 | 　 |
| 376 | 鄰苯二甲酐 | Phthalic anhydride | C6H4(CO)2O | 　 | 1 | 6.1 | 85-44-9 | 　 |
| 377 | 二腈苯 | Phthalodinitrile | C6H4(CN)2 | 　 | 　 | 5 | 626-17-5 |  |
| 378 | 苦味酸 | Picric acid | C6H2(OH)(NO2)3 | 　 | 　 | 0.1 | 88-89-1 | 　 |
| 379 | 1,4-二氮環己烷二鹽酸鹽 | Piperazine dihydrochloride | C4H10N2·2HCl | 　 | 　 | 5 | 142-64-3 | 　 |
| 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 | C12HnCl(10-n)　(0≦n≦9) | Skin | 　 | 0.01 | 1336-36-3 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold; Specified Group-A Chemical Substance |
| 383 | 丙烷 | Propane | CH3CH2CH3 | 　 | 1000 | 1800 | 74-98-6 | 　 |
| 384 | 丙酸 | Propionic acid | CH3CH2COOH | 　 | 10 | 30 | 79-09-4 | 　 |
| 385 | 1-丙醇 | 1-Propanol | CH3CH2CH2OH | Skin | 200 | 491 | 71-23-8 | 　 |
| 386 | β-丙內酯 | β-Propiolactone | (CH2)2CO2 | 　 | 　 | 　 | 57-57-8 | Specified Group-C1 Chemical Substance |
| 387 | 乙酸正丙酯 | n-Propyl acetate | CH3COOC3H7 | 　 | 200 | 835 | 109-60-4 | Second-Class Organic Solvent |
| 388 | 硝酸正丙酯 | n-Propyl nitrate (NPN) | C3H7NO3 | 　 | 25 | 107 | 627-13-4 | 　 |
| 389 | 丙二醇二硝酸酯 | Propylene glycol dinitrate | NO3CH2CHNO3CH3 | Skin | 0.05 | 0.34 | 6423-43-4 | 　 |
| 390 | 丙二醇甲醚 | Propylene glycol monomethyl ether | CH3OCH2CHOHCH3 | 　 | 100 | 369 | 107-98-2 | 　 |
| 391 | 丙烯亞胺 | Propyleneimine | CH3HCNHCH2 | Skin | 2 | 4.7 | 75-55-8 | 　 |
| 392 | 除蟲菊 | Pyrethrum | 　 | 　 | 　 | 5 | 8003-34-7 | 　 |
| 393 | 吡啶 | Pyridine | C5H5N | 　 | 5 | 16 | 110-86-1 | 　 |
| 394 | 醌 | Quinone | C6H4O2 | 　 | 0.1 | 0.44 | 106-51-4 | 　 |
| 395 | 間苯二酚（雷瑣辛） | Resorcinol | C6H4(OH)2 | 　 | 10 | 45 | 108-46-3 | 　 |
| 396 | 銠（以銠計）金屬燻煙及非溶性化合物 | Rhodium (as Rh), metal fume and insoluble compounds | Rh | 　 | 　 | 0.1 | 7440-16-6 | 　 |
| 397 | 銠（以銠計）可溶性化合物 | Rhodium (as Rh), soluble compounds | Rh | 　 | 　 | 0.01 | 7440-16-6 | 　 |
| 398 | 魚籐精 | Rotenone | C23H22O6 | 　 | 　 | 5 | 83-79-4 | 　 |
| 399 | 硒化合物（以硒計） | Selenium compounds (as Se) | Se | 　 | 　 | 0.2 | 7782-49-2 | 　 |
| 400 | 六氟化硒 | Selenium hexafluoride (as Se) | SeF6 | 　 | 0.05 | 0.16 | 7783-79-1 | 　 |
| 401 | 四氫化矽 | Silicon hydride (Silane) | SiH4 | 　 | 5 | 6.6 | 7803-62-5 | 　 |
| 402 | 銀，金屬粉塵、燻煙及可溶性化合物（以銀計） | Silver, metal dust, fume and soluble compounds (as Ag) | Ag | 　 | 　 | 0.01 | 7440-22-4 | 　 |
| 403 | 疊氮化鈉 | Sodium azide (as HN3) | NaN3 | Ceiling | 0.11 | 0.29 | 26628-22-8 | 　 |
| 404 | 亞硫酸氫鈉 | Sodium bisulfite | NaHSO3 | 　 | 　 | 5 | 7631-90-5 | 　 |
| 405 | 氟乙酸鈉 | Sodium fluoroacetate | FCH2COONa | Skin | 　 | 0.05 | 62-74-8 | 　 |
| 406 | 氫氧化鈉 | Sodium hydroxide | NaOH | 　 | 　 | 2 | 1310-73-2 | 　 |
| 407 | 氫化銻 | Stibine (antimony hydride) | SbH3 | 　 | 0.1 | 0.51 | 7803-52-3 | 　 |
| 408 | 斯多德爾溶劑 | Stoddard solvent (White spirits) | 　 | 　 | 100 | 525 | 8052-41-3 | 　 |
| 409 | 苯乙烯 | Styrene | CH2=CHC6H5 | 　 | 50 | 213 | 100-42-5 | Second-Class Organic Solvent |
| 410 | 二氧化硫 | Sulfur dioxide | SO2 | 　 | 2 | 5.2 | 7446-09-5 | Specified Group-D Chemical Substance |
| 411 | 六氟化硫 | Sulfur hexafluoride | SF6 | 　 | 1000 | 5970 | 2551-62-4 | 　 |
| 412 | 一氯化硫 | Sulfur monochloride | S2Cl2 | 　 | 1 | 5.5 | 10025-67-9 | 　 |
| 413 | 硫酸 | Sulfuric acid | H2SO4 | 　 | 　 | 1 | 7664-93-9 | Specified Group-D Chemical Substance |
| 414 | 五氟化硫 | Sulfur pentafluoride | S2F10 | 　 | 0.01 | 0.1 | 5714-22-7 | 　 |
| 415 | 四氟化硫 | Sulfur tetrafluoride | SF4 | Ceiling | 0.1 | 0.44 | 7783-60-0 | 　 |
| 416 | 氟化硫醯 | Sulfuryl fluoride | SO2F2 | 　 | 5 | 21 | 2699-79-8 | 　 |
| 417 | 滑石（不含石綿纖維） | Talc (containing no asbestos fibers) | Mg3[Si4O10](OH)2 | 　 | 　 | 2 | 14807-96-6 | Respirable dust |
| 418 | 鉭，金屬及氧化性粉塵 | Tantalum, metal and oxide dust | Ta | 　 | 　 | 5 | 7440-25-7 | 　 |
| 419 | 碲及其化合物（以碲計） | Tellurium and compounds (as Te) | Te | 　 | 　 | 0.1 | 13494-80-9 | 　 |
| 420 | 帖普 | TEPP | (C2H5O)4P2O3 | Skin | 0.004 | 0.047 | 107-49-3 | 　 |
| 421 | 聯三苯 | Terphenyls | (C6H5)2C6H4 | Ceiling | 0.53 | 5 | 26140-60-3 | 　 |
| 422 | 1,1,1,2-四氯-2,2-二氟乙烷 | 1,1,1,2-Tetrachloro-2,2-difluoroethane | CCl3CClF2 | 　 | 500 | 4170 | 76-11-9 | 　 |
| 423 | 1,1,2,2-四氯-1,2-二氟乙烷 | 1,1,2,2-Tetrachloro-1,2-difluoroethane | CCl2FCCl2F | 　 | 500 | 4170 | 76-12-0 | 　 |
| 424 | 1,1,2,2-四氯乙烷 | 1,1,2,2-Tetrachloroethane | CHCl2CHCl2 | Skin | 1 | 6.9 | 79-34-5 | First-Class Organic Solvent |
| 425 | 四氯乙烯 | Tetrachloroethylene | CCl2=CCl2 | 　 | 50 | 339 | 127-18-4 | Second-Class Organic Solvent |
| 426 | 四氯萘 | Tetrachloronaphthalene | C10H4Cl4 | 　 | 　 | 2 | 1335-88-2 | 　 |
| 427 | 四乙基鉛 | Tetraethyl lead (as Pb) | Pb(C2H5)4 | Skin | 　 | 0.075 | 78-00-2 | 　 |
| 428 | 四甲基鉛（以鉛計） | Tetramethyl lead (as Pb) | Pb(CH3)4 | Skin | 　 | 0.075 | 75-74-1 | 　 |
| 429 | 四氫呋喃 | Tetrahydrofuran (THF) | (CH2)4O | 　 | 200 | 590 | 109-99-9 | Second-Class Organic Solvent |
| 430 | 四甲基琥珀腈 | Tetramethyl succinonitrile | NCC(CH3)2C(CH3)2CN | Skin | 0.5 | 2.8 | 3333-52-6 | 　 |
| 431 | 四硝甲烷 | Tetranitromethane | C(NO2)4 | 　 | 1 | 8 | 509-14-8 | 　 |
| 432 | 焦磷酸四鈉 | Tetrasodium pyrophosphate | Na4P2O7 | 　 | 　 | 5 | 7722-88-5 | 　 |
| 433 | 乙硫醇酸 | Thioglycolic acid | HSCH2COOH | Skin | 1 | 3.8 | 68-11-1 | 　 |
| 434 | 亞硫醯氯 | Thionyl chloride | SOCl2 | Ceiling | 1 | 4.9 | 7719-09-7 | 　 |
| 435 | 得恩地 | Thiram | [(CH3)2NCS]2S2 | 　 | 　 | 5 | 137-26-8 | 　 |
| 436 | 錫及錫無機化合物（以錫計） | Tin and its inorganic compounds (Except SnH4 and SnO2) as Sn | Sn | 　 | 　 | 2 | 7440-31-5 | Tin content except tin 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 | TiO2 | 　 | 　 | 10 | 13463-67-7 | 　 |
| 440 | 鄰-二甲基聯苯胺及其鹽類 | o-Tolidine and its salts | (C6H3CH3NH2)2 | Skin | 　 | 　 | 119-93-7 | Specified Group-B Chemical Substance |
| 441 | 鄰-甲苯胺 | o-Toluidine | CH3C6H4NH2 | Skin | 5 | 22 | 95-53-4 | 　 |
| 442 | 間-甲苯胺 | m-Toluidine | CH3C6H4NH2 | Skin | 2 | 8.8 | 108-44-1 | 　 |
| 443 | 對-甲苯胺 | p-Toluidine | CH3C6H4NH2 | Skin | 2 | 8.8 | 106-49-0 | 　 |
| 444 | 甲苯 | Toluene | C6H5CH3 | Skin | 100 | 376 | 108-88-3 | Second-Class Organic Solvent |
| 445 | 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) | CH3C6H3(NCO)2 | Ceiling | 0.005 | 0.036 | 584-84-9;91-08-7 | Specified Group-C1 Chemical Substance |
| 446 | 毒殺芬 | Toxaphene | C10H16Cl8 | Skin | 　 | 0.5 | 8001-35-2 | Toxic Chemical Substance prohibited to be manufactured, imported, used or sold |
| 447 | 磷酸三丁酯 | Tributyl phosphate (TBP) | (C4H9)3PO4 | 　 | 0.2 | 2.2 | 126-73-8 | 　 |
| 448 | 三氯乙酸 | Trichloroacetic acid (TCA) | CCl3COOH | 　 | 1 | 6.7 | 76-03-9 | 　 |
| 449 | 1,2,4-三氯苯 | 1,2,4-Trichlorobenzene | C6H3Cl3 | Ceiling | 5 | 37 | 120-82-1 | 　 |
| 450 | 1,1,1-三氯乙烷 | 1,1,1-Trichloroethane (Methylchloroform) | CH3CCl3 | 　 | 350 | 1910 | 71-55-6 | Second-Class Organic Solvent |
| 451 | 1,1,2-三氯乙烷 | 1,1,2-Trichloroethane | Cl2CHCH2Cl | Skin | 10 | 55 | 79-00-5 | Second-Class Organic Solvent |
| 452 | 三氯乙烯 | Trichloroethylene | CHCl=CCl2 | 　 | 50 | 269 | 79-01-6 | First-Class Organic Solvent |
| 453 | 三氯甲烷（氯仿） | Trichloromethane (Chloroform) | CHCl3 | Ceiling | 10 | 49 | 67-66-3 | First-Class Organic Solvent |
| 454 | 三氯萘 | Trichloronaphthalene | C10H5Cl3 | Skin | 　 | 5 | 1321-65-9 | 　 |
| 455 | 1,2,3-三氯丙烷 | 1,2,3-Trichloropropane | ClCH2CHClCH2Cl | 　 | 50 | 302 | 96-18-4 | 　 |
| 456 | 1,1,2-三氯-1,2,2-三氟乙烷 | 1,1,2-Trichloro-1,2,2-trifluoroethane | CCl2FCClF2 | 　 | 1000 | 7670 | 76-13-1 | 　 |
| 457 | 三乙胺 | Triethylamine | (C2H5)3N | 　 | 10 | 41 | 121-44-8 | 　 |
| 458 | 三氟溴甲烷 | Trifluorobromomethane | CBrF3 | 　 | 1000 | 6090 | 75-63-8 | 　 |
| 459 | 1,2,4-偏苯三酸酐 | Trimellitic anhydride | C9H4O5 | 　 | 0.005 | 0.04 | 552-30-7 | 　 |
| 460 | 三甲胺 | Trimethylamine | (CH3)3N | 　 | 10 | 24 | 75-50-3 | 　 |
| 461 | 三甲苯 | Trimethylbenzene | (CH3)3C6H3 | 　 | 25 | 123 | 25551-13-7 | 　 |
| 462 | 亞磷酸三甲酯 | Trimethyl phosphite | (CH3O)3P | 　 | 2 | 10 | 121-45-9 | 　 |
| 463 | 2,4,6-三硝基甲苯 | 2,4,6-Trinitrotoluene (TNT) | CH3C6H2(NO2)3 | Skin | 　 | 0.5 | 118-96-7 | 　 |
| 464 | 三鄰甲苯基磷酸酯 | Triorthocresyl phosphate (TOCP) | C21H21O4P | Skin | 　 | 0.1 | 78-30-8 | 　 |
| 465 | 三苯基胺 | Triphenylamine | (C6H5)3N | 　 | 　 | 5 | 603-34-9 | 　 |
| 466 | 磷酸三苯酯 | Triphenyl phosphate | (C6H5)3PO4 | 　 | 　 | 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 | C10H16 | 　 | 100 | 556 | 8006-64-2 | Third-Class Organic Solvent |
| 470 | 鈾，可溶性化合物（以鈾計） | Uranium (as U) Soluble compounds | U | Tumor | 　 | 0.2 | 7440-61-1 | 　 |
| 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 | CH3(CH2)3CHO | 　 | 50 | 176 | 110-62-3 | 　 |
| 473 | 五氧化二釩粉塵 | Vanadium pentaoxide (V2O5) dust | V2O5 | Ceiling | 　 | 0.5 | 1314-62-1 | Specified Group-C3 Chemical Substance |
| 474 | 五氧化二釩燻煙 | Vanadium pentaoxide (V2O5) fume | V2O5 | Ceiling | 　 | 0.1 | 1314-62-1 | Specified Group-C3 Chemical Substance |
| 475 | 醋酸乙烯酯 | Vinyl acetate | CH3COOCH=CH2 | 　 | 10 | 35 | 108-05-4 | 　 |
| 476 | 溴乙烯 | Vinyl bromide | CH2=CHBr | Tumor | 5 | 22 | 593-60-2 | 　 |
| 477 | 氯乙烯 | Vinyl chloride | CH2=CHCl | Tumor | 1 | 2.6 | 75-01-4 | Specified Group-C1 Chemical Substance |
| 478 | 二氧化環己烯乙烯 | Vinylcyclohexene dioxide | CH2CHOC6H9O | SkinTumor | 10 | 57 | 106-87-6 | 　 |
| 479 | 乙烯基甲苯 | Vinyltoluene | CH2=CHC6H4CH3 | 　 | 100 | 482 | 25013-15-4 | 　 |
| 480 | 殺鼠靈 | Warfarin | C19H16O4 | 　 | 　 | 0.1 | 81-81-2 | 　 |
| 481 | 木粉 | Wood dust | 　 | 　 | 　 | 5 | 　 | 　 |
| 482 | 二甲苯（含鄰、間、對異構物） | Xylenes (Xylol) (o-, m-, p-isomer) | C6H4(CH3)2 | 　 | 100 | 434 | 1330-20-7;95-47-6;108-38-3;106-42-3 | Second-Class Organic Solvent |
| 483 | 二甲苯胺 | Xylidine | (CH3)2C6H3NH2 | SkinTumor | 2 | 10 | 1300-73-8 | 　 |
| 484 | 釔，金屬及其化合物（以釔計） | Yttrium, metal and its compounds (as Y) | Y | 　 | 　 | 1 | 7440-65-5 | 　 |
| 485 | 氯化鋅（燻煙） | Zinc chloride (fume) | ZnCl2 | 　 | 　 | 1 | 7646-85-7 | 　 |
| 486 | 鉻酸鋅（以鉻酸計） | Zinc chromates (as CrO3) | ZnCrO4 | CeilingTumor | 　 | 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 indicates 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 mg/m3= (Molecular weight of the gaseous hazardous substance in g/mole) x (Concentration of the gaseous hazardous substance in ppm) / 24.45

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

**Attachment 2 Permissible Exposure Limits of Dusts in Air**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type | Dust  | Permissible Exposure Limits | Symbol | CAS No. |
| Respirable dust | Total dust |
| Dust 1 | Mineral dust containing equal to or more than 10% crystalline free silica | $$\frac{10{mg}/{m^{3}}}{\%SiO\_{2}+2}$$ | $$\frac{30{mg}/{m^{3}}}{\%SiO\_{2}+2}$$ |  | 14808-60-7; 15468-32-3; 14464-46-1; 1317-95-9 |
| Dust 2 | Mineral dust containing less than 10% crystalline free silica | 1 mg/m3 | 4 mg/m3 |  |  |
| Dust 3 | Asbestos fiber | 0.15f/cc | Tumor | 1332-21-4; 12001-28-4; 12172-73-5; 77536-66-4; 77536-67-5; 77536-68-6; 132207-32-0 |
| Dust 4 | Nuisance dust | Respirable dust | Total dust |  |  |
| 5 mg/m3 | 10 mg/m3 |

Instruction:

1. Any Permissible Exposure Limits stipulated in the Attachment refer to the time weighted average concentration of an 8-hour workday.

2. Respirable dusts refer to the dusts to be determined from the fraction passing a size-selective dust sampler with the characteristics of centrifugal elutriators.

3. Total dusts refer to the dusts to be determined from airborne samples without using particle size selector.

4. Crystalline free silica dusts refer to Quartz, Cristobalite, Tridymite, Diatomaceous Earth.

5. Asbestos dusts refer to the dusts with fiber length more than 5 microns and aspect ratio (length-width ratio) more than 3.