

有關 EU RoHS 禁用物質的相關規定及容許濃度請參考備註

項目 Item	物質名稱 Substance Name	容許濃度 Threshold Limit	參考法規 Legal Reference
1	鉛(Pb)及其化合物 Lead (Pb) and Lead compounds	N.D. (M.D.L.=2ppm)	EU Directive 2011/65/EU TG SOC
2	汞(Hg)及其化合物 Mercury (Hg) and Mercury compounds	N.D. (M.D.L.=2ppm)	EU Directive 2011/65/EU, TG SOC
3	鎘(Cd)及其化合物 Cadmium (Cd) and Cadmium compounds	N.D. (M.D.L.=2ppm)	EU Directive 2011/65/EU, TG SOC
4	六價鉻(Cr6+) Chromium VI (Cr6+) Compounds	N.D. (M.D.L.=8ppm)	EU Directive 2011/65/EU TG SOC
5	多溴聯苯及其化合物(PBBs) Polybrominated biphenyls	N.D. (M.D.L.=5ppm)	
6	多溴聯苯醚及其氧化物(PBDEs) Polybrominated diphenylethers	N.D. (M.D.L.=5ppm)	
7	鉛+汞+鎘+六價鉻 Pb+Cd+Hg+Cr6+	≤ 50 ppm 且 Cd 不得檢出 (M.D.L.=2ppm)	
8	氯(Cl)	N.D. (M.D.L.=50ppm(Tape/Film, Gas, Chemical intentionally added need to be reported))	IEC 61249-2-21 Halogen Free TG SOC
9	溴(Br)	N.D. (M.D.L.=50ppm(Tape/Film, MO Source, Solder Paste, Semiconductor intentionally added need to be reported))	
10	氯+溴(Cl +Br)	<1,500 ppm	
11	全氟辛烷硫磺酸(PFOS) Perfluorooctane sulfonates	N.D. (M.D.L.=10ppm)	EU Directive 2006/122/EC Sony SS-00259 19 <sup>th</sup> Stockholm Convention(POPs) Customers Request
12	全氟辛酸 Perfluorooctanoic acid(PFOA)	N.D. (M.D.L.=10ppm)	2006/122/EC Sony SS-00259 19 <sup>th</sup> Customers Request
13	石棉(Asbestos)及其化合物	N.D. /Negative	REACH Regulation(EC)No.1907/2006 ANNEXVII Sony SS-00259 19 <sup>th</sup>
14	偶氮(Azo)化合物 Azo-bases chemicals	N.D. (M.D.L.=3ppm)	REACH Regulation(EC)No.1907/2006 ANNEXVII Sony SS-00259 19 <sup>th</sup>

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15	甲醛	N.D.	Sony SS-00259 19 <sup>th</sup>
16	二取代基有機錫化合物-備註 9	<1,000 ppm	Norway's PoHS EU Directive 89/677/EEC, 99/51/EEC
17	三取代基有機錫化合物-備註 9	N.D. (M.D.L.=0.03ppm)	Japan: Chem-sub Law*1 EU Directive 2009/425/EC
18	氧化鋇 Beryllium Oxide	N.D.	Sony SS-00259 19 <sup>th</sup>
19	鋇(Be)及其化合物(除氧化鋇外) Beryllium and its compounds	N.D. (M.D.L.=2ppm)	Customers Request
20	鎳(Ni)及其化合物 Nickel (Ni) and its compounds	N.D. (M.D.L.=2ppm)	EU Directive 94/27/EEC REACH
21	銻(Sb)及其化合物 Antimony (Sb) and its compounds	N.D. (M.D.L.=2ppm)	Customers Request
22	多氯聯苯(PCBs)與多氯聯三苯(PCTS) Polychlorinated Biphenyls and Polychlorinated	N.D. (M.D.L.=0.5ppm)	Sony SS-00259 19th REACH
23	多氯萘及其衍生物 (PCNs) Polychlorinated Naphthalenes and derivatives	N.D. (M.D.L.=5ppm)	Sony SS-00259 19th
24	聚氯乙烯(PVC)、氯乙烯及 PVC 其混合物 Polyvinyl chloride(PVC) and PVC blends	Negative(Tape/Film Intentionally added need to be reported)	Sony SS-00259 19th
25	富馬酸二甲酯(DMF) Dimethyl Fumarate	N.D. (M.D.L.=0.1ppm)	EU Directive 2009/251/EC
26	砷(As)及砷化合物 Arsenic(As) and Arsenic compounds	N.D. (M.D.L.=2ppm)(Substrate,Gas,Solder)	REACH Regulation(EC)No.1907/2006
27	紅磷與黃磷 Red Phosphorus and Yellow Phosphorus	N.D.	Sony SS-00259 19th
	磷及其化合物 Phosphorus(P) and its compounds (exclude Yellow Phosphorus、Red Phosphorus) 磷酸三(2-氯丙基)酯,磷酸三(2,3-二氯丙基)酯, 磷酸三(二甲苯)酯...		
28	氯化石蠟/氯代烷氫 (SCCP,C10~13) Chlorinated Paraffins	N.D. (M.D.L.=1000ppm)	Sony SS-00259 19th

項目 Item	物質名稱 Substance Name	容許濃度 Threshold Limit	參考法規 Legal Reference
29	特定鄰苯二甲酸酯類化合物 (Phthalate-DEHP,BBP,DBP,DNOP,DINP,DIDP,DI BP)	N.D.	REACH Regulation(EC)No.1907/2006 and ANNEX XVII Sony SS-00259 19 <sup>th</sup>
30	特定持久性有機污染物 (POPs)	N.D. (M.D.L.=5ppm)	Stockholm Convention Customers Request
31	特定苯並三氮唑 Specific Benzotriazole	N.D.	Customers Request
32	N-甘氨酸 Glyphosate	N.D. (M.D.L.=0.2ppm)	Customers Request
33	雙(氫化牛油烷基)二甲基氯化胺DTDMAC 二硬脂基二甲基氯化胺DODMAC/DSDMAC 二(硬化牛油)二甲基氯化胺 DHTDMAC	N.D. (M.D.L.=40ppm,total)	Stockholm Convention Customers Request
34	臭氧層破壞物質 氟氯碳化物 Chlorofluorocarbons(CFC's) 氟氯烴化物 Hydrochlorofluorocarbons(HCFC's) 海龍(Halons) 溴氟烴化物 (HBFC's) 氫氟烴類化合物(HFC) & (PFC)…等	N.D. (M.D.L.=1ppm)	Sony SS-00259 19 <sup>th</sup>
35	脂肪族氯碳氫化合物CHCs Chlorinated hydrocarbon	N.D. (M.D.L.=1ppm) 備註 5	EU Directive 94/60/EEC
36	鹵素阻燃劑 Halogenate flame retardants)	N.D.	REACH Regulation(EC)No.1907/2006 and ANNEX XVII Sony SS-00259 19 <sup>th</sup>
37	多氯酚 (PCPS) Ploycholophenol	N.D. (M.D.L.=10ppm)	EU REACH Regulation,OSPAR, Norway's PoHS
38	放射性物質 Radioactive Substances	Negative	Sony SS-00259 19 <sup>th</sup>
39	六氯丁二烯 Hexachlorobula-1,3-diene	N.D. (M.D.L.=1ppm)	Japan: Chem-sub Law*1
40	硒及其化合物 Selenium (Se) and its compounds	<1,000 ppm	Market Request
41	高氯酸鹽 Perchlorates	N.D. (M.D.L.=0.006ppm)	Sony SS-00259 19 <sup>th</sup>
42	鹵化二苯甲烷 Halogenated diphenyl methanes	N.D. (M.D.L.=10ppm)	EU REACH Regulation
43	4-硝基二苯胺及其鹽類 4-Nitrobiphenyl and its salt	N.D. 不得檢出	Japan: Industrial Safety and Health Law, Air Pollution Control Law, Fire Protection Law

項目 Item	物質名稱 Substance Name	容許濃度 Threshold Limit	參考法規 Legal Reference
44	雙-(氯甲基)二醚 Bis(chloromethyl)ether	N.D. (M.D.L.=1ppm)	Japan: Industrial Safety and Health Law
45	烷基酚 Alkylphenols	N.D. (M.D.L.=10ppm)	OSPAR 2003/53/EC
46	壬基苯酚相關物質 Nonylphenol /ethoxylates (NP/NPEs) and related substances	N.D. (RL ≤ 0.05%)	REACH Regulation(EC)No.1907/2006
47	六氯環己烷(HCH) Hexachlorocyclohexaneisomers	N.D. (M.D.L.=1ppm)	OSPAR
49	2,4,6-第三丁酚 2,4,6-Tritertiarybutylphenol	N.D. (M.D.L.=10ppm)	Japan: Chem-sub Law*1
50	苯二胺類化合物 N-p-phenylenediamine	N.D. (M.D.L.=10ppm)	Japan: Chem-sub Law*1
51	三氯沙 Triclosan	N.D. (M.D.L.=10ppm)	Norway's PoHS
52	多環芳香烴(PAHS) Polyaromatic Hydrocarbons	N.D.	Sony SS-00259 19 <sup>th</sup>
53	氯化鈷 Cobalt dichloride	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
54	過氯酸鹽 Perchlorates	N.D. (M.D.L.=0.006ppm)	Sony SS-00259 19 <sup>th</sup>
55	N-苯基苯胺與苯乙烯和 2,4,4-三甲基戊烯的反應物 Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	N.D.	Sony SS-00259 19 <sup>th</sup>
56	二正辛基-雙(2-乙基己基巯基乙酸酯)錫 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	N.D.	REACH Regulation (EC) No.1907/2006 Sony SS-00259 19 <sup>th</sup>
57	二正辛基-雙(2-乙基己基巯基乙酸酯)錫和單辛基-三(2-乙基己基巯基乙酸酯)錫的反應物 Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	N.D.	REACH Regulation (EC) No.1907/2006 Sony SS-00259 19 <sup>th</sup>
58	鄰苯二甲酸二己酯(支鏈和直鏈) 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	<1000 ppm	EU REACH Regulation Sony SS-00259 19 <sup>th</sup>
59	2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑 (紫外線吸收劑 328) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	N.D.	REACH Regulation (EC) No.1907/2006 Sony SS-00259 19 <sup>th</sup>

項目 Item	物質名稱 Substance Name	容許濃度 Threshold Limit	參考法規 Legal Reference
60	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-双(2-乙基己基巰基乙酸酯)錫	<1000 ppm	Sony SS-00259 19 <sup>th</sup> REACH Regulation (EC) No.1907/2006
61	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) 二正辛基-双(2-乙基己基巰基乙酸酯)錫和單辛基-三(2-乙基己基巰基乙酸酯)錫的反應物	<1000 ppm	Sony SS-00259 19 <sup>th</sup> REACH Regulation (EC) No.1907/2006
62	氟(F)	N.D. (M.D.L.=50ppm(Tape/Film, Metal Phosphor/phosphor sheet intentionally added need to be reported))	Customers Request
63	戴奧辛及呋喃 Dioxins and Furans	N.D. (M.D.L.=0.1ppb)	Customers Request
64	六溴環十二烷 Hexabromocyclododecane(HBCDD)	N.D. (M.D.L.=5ppm)	REACH Regulation(EC)No.1907/2006 and ANNEX XVII Sony SS-00259 19 <sup>th</sup>
65	溴系阻燃劑(BFR)BFR)Brominated flame retardants(BFR) (PBB 類,PBDE 類及 HBCDD 除外)	100ppm	Sony SS-00259 19 <sup>th</sup>
66	氯系阻燃劑(CFR)Chlorinated flame retardants(CFR)(TCEP,TCCP 及 TDCPP 除外)	900ppm	Sony SS-00259 19 <sup>th</sup>
67	鈹青銅 Beryllium Copper	N.D.	Customers Request
68	氧化銻 Antimony trioxide(Sb <sub>2</sub> O <sub>3</sub> )	N.D. (M.D.L.=2ppm)	Customers Request
69	雙三丁基錫氧化物(TBTO)Bis tributyltin oxide	N.D. (Tape/Film Intentionally added need to be reported)	REACH Regulation(EC)No.1907/2006 and ANNEX XVII

項目 Item	物質名稱 Substance Name	容許濃度 Threshold Limit	參考法規 Legal Reference
70	三丁基錫氧化物(TBTs)Tributyl tin compounds(TBTs)	N.D. (M.D.L.=0.03ppm) (Tape/Film Intentionally added need to be reported)	REACH Regulation(EC)No.1907/2006 and ANNEX XVII Sony SS-00259 19 <sup>th</sup>
71	三苯基錫氧化物 (TphTs,TPTs) Triphenyl tin compounds(TphTs,TPTs)	N.D. (M.D.L.=0.03ppm) (Tape/Film Intentionally added need to be reported)	REACH Regulation(EC)No.1907/2006 and ANNEX XVII Sony SS-00259 19 <sup>th</sup>
72	二丁基錫化合物(DBT)雙取代基有機錫化合物 Di-substituted organic tin and compound	N.D. (M.D.L.=0.03ppm) (Tape/Film Intentionally added need to be reported)	Sony SS-00259 19 <sup>th</sup>
73	二丁基錫(DBT)化合物在混合物或成品或其零件中的濃度經換算後錫的重量百分濃度 Dibutyltin compounds,where the concentration in the mixture or the article,or part thereof,is greater than the equivalent of 0,1%by weight of tin.	<0.1%	REACH Regulation(EC)No.1907/2006 and ANNEX XVII
74	二辛基錫化合物(DOT)雙取代基有機錫化合物 Di-substituted organic tin and compound	N.D. (M.D.L.=0.03ppm) (Tape/Film Intentionally added need to be reported)	REACH Regulation(EC)No.1907/2006 and ANNEX XVII Sony SS-00259 19 <sup>th</sup>
75	REACH SVHC(包含環十二烷)REACH SVHC(include Cyclododecane)	N.D. (RL≤0.05%)	REACH Regulation(EC)No.1907/2006
76	2-(2h)-苯駢三氮唑-2-基-4,6-雙(1,1-二甲基己基)苯酚(UV-320) 2-benzotriazol-2-yl-4,6-di-tert-butylphenol(UV-320)	N.D. (M.D.L.=5ppm)	Sony SS-00259 19 <sup>th</sup>
77	2,4'-DDE,4,4'-DDD,4,4'-DDE,4,4'-DDT	N.D. (M.D.L.=0.2ppm)	Customers Request
78	三(2-氯乙基)磷酸酯 Tris(2-chloroethyl)phosphate(TCEP)	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 16 <sup>th</sup>
79	五氧化二砷 Diarsenic pentaoxide	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
80	三氧化二砷 Diarsenic trioxide	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>

項目 Item	物質名稱 Substance Name	容許濃度 Threshold Limit	參考法規 Legal Reference
81	硼酸 Boric acid	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
82	硼砂,四硼酸二鈉 Disodium tetraborate,anhydrous	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
83	水合硼酸鈉,七水合四硼酸鈉 Tetraboron disodium heptaoxide,hydrate	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
84	對特辛基苯酚,4-(1,1,3,3-四甲基丁基)苯酚 4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol)	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
85	雙(2-甲氧基乙基)醚,二乙二醇二甲醚 Bis(2-methoxyethyl)ether	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>
86	N,N-二甲基乙醯胺 N,N-dimethylacetamide(DMAC)	N.D.	REACH Regulation(EC)No.1907/2006
87	乙二醇二甲醚 Ethylene glycol dimethyl ether(EGDME)	N.D.	REACH Regulation(EC)No.1907/2006 Sony SS-00259 19 <sup>th</sup>

註: 若客戶端有特別之指定要求項次, 則參照客戶端之要求為準。

## 參考附件:

附表 1: 氟氯碳化物(CFC's)包含下列物質

Table 1、Chlorofluorocarbons (CFC's):

項次 Item	物質名稱 Substance	CAS No.
1	Chlorofluorocarbon-11	75-69-4
2	Chlorofluorocarbon-12	75-71-8
3	Chlorofluorocarbon-113 1,1,1-Trichloro-2,2,2 trifluoroethane (CFC-113a)	76-13-1 354-58-5
4	Chlorofluorocarbon-114	76-14-2
5	Chlorofluorocarbon-115	76-15-3
6	Chlorofluorocarbon-13	75-72-9
7	Chlorofluorocarbon-111	354-56-3
8	Chlorofluorocarbon-112 1,1,1,2-Tetrachloro-2,2-difluoroethane (CFC-112a)	76-12-0 76-11-9
9	Chlorofluorocarbon-211 1,1,1,2,2,3,3-Heptachloro-3-fluoropropane (CFC-211aa) 1,1,1,2,3,3,3-Heptachloro-2-fluoropropane (CFC-211ba)	422-78-6 135401-87-5 422-81-1
10	Chlorofluorocarbon-212	3182-26-1
11	Chlorofluorocarbon-213	2354-06-5 134237-31-3
12	Chlorofluorocarbon-214 1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane (CFC-214aa) 1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane (CFC-214cb)	29255-31-0 2268-46-4 -
13	Chlorofluorocarbon-215 1,2,2-Trichloropentafluoropropane (CFC-215aa) 1,2,3-Trichloropentafluoropropane (CFC-215ba) 1,1,2-Trichloropentafluoropropane (CFC-215bb) 1,1,3-Trichloropentafluoropropane (CFC-215ca) 1,1,1-Trichloropentafluoropropane (CFC-215cb)	4259-43-2 1599-41-3 76-17-5 - -
14	Chlorofluorocarbon-216	661-97-2
15	Chlorofluorocarbon-217	422-86-6 76-18-6
16	Dibromodifluoromethane (Halon 1202)	75-61-6
17	Trifluoroiodomethane (trifluoromethyl iodide)	2314-97-8
18	Tetrabromofluoroethane	306-80-9
19	Tribromodifluoroethane	-
20	Dibromotrifluoroethane	354-04-1
21	Bromotetrafluoroethane	124-72-1
22	Tribromofluoroethane	-

項次 Item	物質名稱 Substance	CAS No.
23	Dibromodifluoroethane	75-82-1
24	Bromotrifluoroethane	421-06-7
25	Dibromofluoroethane	358-97-4
26	Bromofluoroethane	762-49-2
27	Bromodifluoroethane	420-47-3, 357188-74-0
28	Hexabromofluoropropane	-
29	Pentabromodifluoropropane	-
30	Tetrabromotrifluoropropane	-
31	Tribromotetrafluoropropane	-
32	Dibromopentafluoropropane	431-78-7
33	Bromohexafluoropropane	2252-78-0
34	Pentabromofluoropropane	-
35	Tetrabromodifluoropropane	-
36	Tribromotrifluoropropane	-
37	Dibromotetrafluoropropane	-
38	Bromopentafluoropropane	460-88-8
39	Tetrabromofluoropropane	-
40	Tribromodifluoropropane	70192-80-2
41	Dibromotrifluoropropane	431-21-0
42	Bromotetrafluoropropane	679-84-5
43	Tribromofluoropropane	75372-14-4
44	Dibromodifluoropropane	460-25-3
45	Bromotrifluoropropane	421-46-5
46	Dibromofluoropropane	51584-26-0
47	Bromodifluoropropane	-
48	Bromofluoropropane	1871-72-3
49	Bromochloromethane	74-97-5



附表 2: 氟氯烴化物(HCFC's)包含下列物質

Table 2 \ Hydrogenated chlorofluorocarbon (HCFC's):

項次 Item	物質名稱 Substance	CAS No.
1	Hydrochlorofluorocarbon-21	75-43-4
2	Hydrochlorofluorocarbon-22	75-45-6
3	Hydrochlorofluorocarbon-31	593-70-4
4	Hydrochlorofluorocarbon-121 1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121) 1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	354-14-3 354-11-0
5	Hydrochlorofluorocarbon-122 1,2,2-Trichloro-1,1-difluoroethane (HCFC-122) 1,1,2-Trichloro-1,2-difluoroethane (HCFC-122a) 1,1,1-Trichloro-2,2-difluoroethane (HCFC-122b)	354-21-2 41834-16-6 354-15-4 354-12-1
6	Hydrochlorofluorocarbon-123 Dichlorotrifluoroethane (HCFC-123) Dichloro-1,1,2-trifluoroethane 2,2-dichloro-1,1,1-trifluoroethane 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a) 1,1-dichloro-1,2,2-trifluoroethane (HCFC-123b)	34077-87-7 90454-18-5 306-83-2 354-23-4 812-04-4
7	Hydrochlorofluorocarbon-124 Chlorotetrafluoroethane (HCFC-124) 2-chloro-1,1,1,2-tetrafluoroethane 1-chloro-1,1,2,2-tetrafluoroethane (HCFC-124a) \ CHFClCF3	2837-89-0 63938-10-3 354-25-6
8	Hydrochlorofluorocarbon-131 Trichlorofluoroethane (HCFC-131) 1-Fluoro-1,2,2-trichloroethane 1,1,2-Trichloro-1-fluoroethane (HCFC-131a) 1,1,1-trichloro-2-fluoroethane (HCFC-131b)	27154-33-2 359-28-4 811-95-0 2366-36-1
9	Hydrochlorofluorocarbon-132 Dichlorodifluoroethane (HCFC-132) 1,2-Dichloro-1,2-difluoroethane (HCFC-132) 1,1-Dichloro-2,2-difluoroethane (HCFC-132a) 1,2-Dichloro-1,1-difluoroethane (HCFC-132b) 1,1-Dichloro-1,2-difluoroethane (HCFC-132c)	25915-78-0 431-06-1 471-43-2 1649-08-7 1842-05-3
10	Chlorotrifluoroethane (HCFC-133) Hydrochlorofluorocarbon-133a 2-Chloro-1,1,1-trifluoroethane (HCFC-133a) 1-Chloro-1,1,2-trifluoroethane (HCFC-133b) \ C2H2F3Cl	431-07-2 1330-45-6 75-88-7 421-04-5
11	Dichlorofluoroethane (HCFC-141) 1,2-Dichloro-1-fluoroethane (HCFC-141) 1,1-Dichloro-2-fluoroethane (HCFC-141a) 1,1-Dichloro-1-fluoroethane (HCFC-141b) Hydrochlorofluorocarbon-141b \ 2H3FCl2	25167-88-8 430-57-9 430-53-5 1717-00-6
12	Chlorodifluoroethane (HCFC-142) 2-Chloro-1,1-difluoroethane (HCFC-142) Hydrochlorofluorocarbon-142b 1-Chloro-1,1-difluoroethane (HCFC-142b) 1-Chloro-1,2-difluoroethane (HCFC-142a)	25497-29-4 338-65-8 75-68-3 338-64-7
13	Chlorofluoroethane (HCFC-151) 1-Chloro-2-fluoroethane (HCFC-151) 1-Chloro-1-fluoroethane (HCFC-151a)	110587-14-9 762-50-5 1615-75-4
14	Hydrochlorofluorocarbon-221 Hexachlorofluoropropane (HCFC-221) 1,1,1,2,2,3-Hexachloro-3-fluoropropane (HCFC-221ab)	422-26-4 134237-35-7 29470-94-8

項次 Item	物質名稱 Substance	CAS No.
15	Hydrochlorofluorocarbon-222 Pentachlorodifluoropropane (HCFC-222) 1,1,1,3,3-pentachloro-2,2-difluoropropane (HCFC-222ca) 1,2,2,3,3-pentachloro-1,1-difluoropropane (HCFC-222aa)	134237-36-8 422-49-1 422-30-0
16	Hydrochlorofluorocarbon-223 Tetrachlorotrifluoropropane (HCFC-223) 1,1,3,3-Tetrachloro-1,2,2-trifluoropropane (HCFC-223ca) 1,1,1,3-Tetrachloro-2,2,3-trifluoropropane (HCFC-223cb)	134237-37-9 422-52-6 422-50-4
17	Hydrochlorofluorocarbon-224 Trichlorotetrafluoropropane (HCFC-224) 1,3,3-Trichloro-1,1,2,2-tetrafluoropropane (HCFC-224ca) 1,1,3-Trichloro-1,2,2,3-tetrafluoropropane (HCFC-224cb) 1,1,1-Trichloro-2,2,3,3-tetrafluoropropane (HCFC-224cc)	134237-38-0 422-54-8 422-53-7 422-51-5
18	Dichloropentafluoropropane (HCFC-225) 、 3HF5Cl2 2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa) 2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba) 1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb) Hydrochlorofluorocarbon-225ca 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca) Hydrochlorofluorocarbon-225cb 1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb) 1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc) 1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da) 1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea) 1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	127564-92-5 128903-21-9 422-48-0 422-44-6 422-56-0 507-55-1 13474-88-9 431-86-7 136013-79-1 111512-56-2
19	Hydrochlorofluorocarbon-226 Chlorohexafluoropropane (HCFC-226) 2-Chloro-1,1,1,3,3,3-hexafluoro-propane (HCFC-226da)	134308-72-8 431-87-8
20	Hydrochlorofluorocarbon-231 Pentachlorofluoropropane (HCFC-231) 1,1,1,2,3-pentachloro-2-fluoro-propane (HCFC-231bb)	134190-48-0 421-94-3
21	Hydrochlorofluorocarbon-232 Tetrachlorodifluoropropane (HCFC-232) 1,1,1,3-Tetrachloro-3,3-difluoropropane (HCFC-232fc)	134237-39-1 460-89-9
22	Hydrochlorofluorocarbon-233 Trichlorotrifluoropropane (HCFC-233) 1,1,1-Trichloro-3,3,3-trifluoropropane (HCFC-233fb)	134237-40-4 7125-84-0 7125-83-9
23	Hydrochlorofluorocarbon-234 Dichlorotetrafluoropropane (HCFC-234) 1,2-Dichloro-1,2,3,3-tetrafluoropropane (HCFC-234db)	127564-83-4 425-94-5
24	Hydrochlorofluorocarbon-235 Chloropentafluoropropane (HCFC-235) 1-Chloro-1,1,3,3,3-pentafluoropropane (HCFC-235fa)	134237-41-5 460-92-4
25	Hydrochlorofluorocarbon-241 Tetrachlorofluoropropane (HCFC-241) 1,1,2,3-Tetrachloro-1-fluoropropane (HCFC-241db)	134190-49-1 666-27-3
26	Hydrochlorofluorocarbon-242 Trichlorodifluoropropane (HCFC-242) 1,3,3,Trichloro-1,1-difluoropropane (HCFC-242fa)	134237-42-6 460-63-9
27	Hydrochlorofluorocarbon-243 Dichlorotrifluoropropane (HCFC-243) 1,1-dichloro-1,2,2-trifluoropropane 2,3-dichloro-1,1,1-trifluoropropane 3,3-dichloro-1,1,1-trifluoropropane	134237-43-7 7125-99-7 338-75-0 460-69-5
28	Hydrochlorofluorocarbon-244 Chlorotetrafluoropropane (HCFC-244) 3-Chloro-1,1,2,2-tetrafluoropropane (HCFC-244ca) 1-Chloro-1,1,2,2-tetrafluoropropane (HCFC-244cc)	134190-50-4 679-85-6 421-75-0

項次 Item	物質名稱 Substance	CAS No.
29	Hydrochlorofluorocarbon-251 Trichlorofluoropropane (HCFC-251) 1,1,3-Trichloro-1-fluoropropane (HCFC-251fb) 1,1,2-Trichloro-1-fluoropropane (HCFC-251dc)	134190-51-5 818-99-5 421-41-0
30	Hydrochlorofluorocarbon-252 Dichlorodifluoropropane (HCFC-252) 1,3-Dicloro-1,1-difluoropropane (HCFC-252fb)	134190-52-6 819-00-1
31	Hydrochlorofluorocarbon-253 Chlorotrifluoropropane (HCFC-253) 3-chloro-1,1,1-trifluoropropane (HCFC-253fb)	134237-44-8 354-06-1 460-35-5
32	Hydrochlorofluorocarbon-261 Dichlorofluoropropane (HCFC-261) 1,1-Dichloro-1-fluoropropane (HCFC-261fc) 1,2-Dichloro-2-fluoro-propane (HCFC-261ba)	134237-45-9 7799-56-6 420-97-3
33	Hydrochlorofluorocarbon-262 Chlorodifluoropropane (HCFC-262) 1-Chloro-2,2-difluoropropane (HCFC-262ca) 2-Chloro-1,3-difluoropropane (HCFC-262da) 1-Chloro-1,1-difluoropropane (HCFC-262fc)	134190-53-7 420-99-5 102738-79-4 421-02-03
34	Hydrochlorofluorocarbon-271 Chlorofluoropropane (HCFC-271) 2-Chloro-2-fluoropropane (HCFC-271ba) 1-Chloro-1-fluoropropane (HCFC-271fb)	134190-54-8 420-44-0 430-55-7

附表 3:海龍(Halons)包含下列物質

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	Halon-1211	353-59-3	2	Halon-1301	75-63-8	3	Halon-2402	124-73-2

附表 4:溴氟烴化物(HBFC's)包含下列物質

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	HBFC-21B2 (CH <sub>2</sub> FBr <sub>2</sub> )	1868-53-7	13	HBFC-151B1 (C <sub>2</sub> H <sub>4</sub> FBr)	---	25	HBFC-241B4 (C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub> )	---
2	HBFC-22B1 (CHF <sub>2</sub> Br)	1511-62-2	14	HBFC-221B6 (C <sub>3</sub> H <sub>2</sub> F <sub>6</sub> Br)	---	26	HBFC-242B3 (C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub> )	---
3	HBFC-31B1 (CH <sub>2</sub> FBr <sub>2</sub> )	373-52-4	15	HBFC-222B5 (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br <sub>2</sub> )	---	27	HBFC-243B2 (C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub> )	---
4	HBFC-121B4 (C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> Br)	---	16	HBFC-223B4 (C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> )	---	28	HBFC-244B1 (C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br)	---
5	HBFC-122B3 (C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>2</sub> )	---	17	HBFC-224B3 (C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub> )	---	29	HBFC-251B3 (C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub> )	---
6	HBFC-123B2 (C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>2</sub> )	---	18	HBFC-225B2 (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br <sub>2</sub> )	---	30	HBFC-252B2 (C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub> )	---
7	HBFC-124B1 (C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> Br)	---	19	HBFC-226B1 (C <sub>3</sub> H <sub>2</sub> F <sub>6</sub> Br)	---	31	HBFC-253B1 (C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br)	---
8	HBFC-131B3 (C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub> )	---	20	HBFC-231B5 (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br <sub>2</sub> )	---	32	HBFC-261B2 (C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub> )	---
9	HBFC-132B2 (C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub> )	---	21	HBFC-232B4 (C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub> )	---	33	HBFC-262B1 (C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br)	---
10	HBFC-133B1 (C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br)	---	22	HBFC-233B3 (C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub> )	---	34	HBFC-271B1 (C <sub>3</sub> H <sub>6</sub> FBr)	---
11	HBFC-141B2 (C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub> )	---	23	HBFC-234B2 (C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub> )	---			
12	HBFC-142B1 (C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br)	---	24	HBFC-235B1 (C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br)	---			

附表 5: 氫氟碳化物(Hydrofluorocarbon HFC)包含下列物質

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	HFC-23( CHF <sub>3</sub> )	75-46-7	7	HFC-134a (CH <sub>2</sub> FCF <sub>3</sub> )	811-97-2	13	HFC-236ea (C <sub>3</sub> H <sub>2</sub> F <sub>6</sub> )	431-63-0
2	HFC-32 (CHF <sub>3</sub> )	75-10-5	8	HFC-143 (CH <sub>3</sub> F <sub>3</sub> )	430-66-0	14	HFC-245ca (C <sub>3</sub> H <sub>3</sub> F <sub>5</sub> )	679-86-7
3	HFC-41 (CH <sub>3</sub> F)	593-53-3	9	HCF-143a (CH <sub>3</sub> F <sub>3</sub> )	420-46-2	15	HFC-245fa (C <sub>3</sub> H <sub>3</sub> F <sub>5</sub> )	---
4	HFC-43-10mee (C <sub>5</sub> H <sub>2</sub> F <sub>10</sub> )	138495-42-8	10	HFC-152a (C <sub>2</sub> H <sub>4</sub> F <sub>2</sub> )	75-37-6	16	HFC-365mfc (C <sub>4</sub> H <sub>5</sub> F <sub>5</sub> )	---
5	HFC-125 (C <sub>2</sub> H <sub>5</sub> F <sub>5</sub> )	354-33-6	11	HFC-227ea (C <sub>3</sub> H <sub>7</sub> F <sub>7</sub> )	431-89-0			
6	HFC-134 (C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> )	359-35-3	12	HFC-236fa (C <sub>3</sub> H <sub>2</sub> F <sub>6</sub> )	690-39-1			

附表 6: 全氟碳油(Perfluorocarbon PFC)包含下列物質

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	FC14	75-73-0	5	Freon C318	115-25-3	9	nonafluor-2-(trifluoromethyl)butane	594-91-2
2	Fluorocarbon 116	76-16-4	6	Perfluor-1-butane	357-26-6	10	perfluoro-n-pentane	678-26-2
3	Freon 218	76-19-7	7	perfluoroisobutane	382-21-8	11	2-perfluoromethylpentane	355-04-4
4	Decafluorobutane	355-25-9	8	1,4-dihydroctafluorobutane	377-36-6	12	perfluorohexane	355-42-0

附表 7: 脂肪族氯碳氫化合物(CHC's)包含下列物質

Table 7、Chlorinated hydrocarbon:

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	五氯乙烷 Pentachloroethane	76-01-7	16	1,1-二氯丙烯 1,1-Dichloropropene	563-58-6
2	1,1,1,2-四氯乙烷 1,1,1,2-Tetrachloroethane	630-20-6	17	1,2,3-三氯丙烷 1,2,3-三氯丙烷 1,2,3-Trichloropropane ( Trichloropropane )	96-18-4
3	1,1,2,2-四氯乙烷 1,1,2,2-Tetrachloroethane	79-34-5	18	1,2-二氯丙烷 1,2-Dichloropropane	78-87-5
4	三氯甲烷 Chloroform	67-66-3	19	1,3-二氯丙烷(D-D) 、1,3-二氯丙烯 1,3-Dichloropropane	142-28-9
5	1,1,2-三氯乙烷 1,1,2-Trichloroethane	79-00-5	20	2,2-二氯丙烷 2,2-Dichloropropane	594-20-7
6	1,1-二氯乙烷 1,1-Dichloroethene	75-35-4	21	氯乙烷 Chloroethane	75-00-3
7	1,2-二氯乙烷 Dichloroethylene	540-59-0	22	氯甲烷 Chloromethane	74-87-3
8	1,2-二氯乙烷 Cis-1,2-Dichloroethene	156-59-2	23	順式-1,3-二氯丙烯 Cis-1,3-Dichloropropene	10061-01-5
9	三氯乙烯 C <sub>2</sub> HCl <sub>3</sub> 、Trichloroethylene	79-01-6	24	六氯丁二烯 Hexachlorobutadiene	87-68-3
10	二氯甲烷 CH <sub>2</sub> Cl <sub>2</sub> 、Methylene Chloride	75-09-2	25	反式-1,2-二氯乙烷 trans-1,2-Dichloroethene	156-60-5
11	1,1-二氯乙烷 1,1-Dichloroethane	75-34-3	26	反式-1,3-二氯-1-丙 trans-1,3-Dichloropropene	10061-02-6
12	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	27	Bromodichloromethane	75-27-4
13	四氯乙烯 C <sub>2</sub> Cl <sub>4</sub> 、Tetrachloroethene	127-18-4	28	Dibromochloromethane	124-48-1
14	四氯甲烷 Carbon tetrachloride	56-23-5	29	Hexachloroethane	67-72-1
15	1,1,1-三氯乙烷 1,1,1-Trichloroethane	71-55-6			

附表 8: 鹵素阻燃劑包含下列物質

Table 8、Halogenated flame retardants:

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	四溴雙酚-A Tetrabromobisphenol A、TBBP-A	79-94-7	3	溴聯苯類 PBBs、Brominated organic compound	---
2	六溴環十二烷 Hexabromocyclododecane、HBCDD	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8, 4736-49-6, 65701-47-5, 138257-17-7, 138257-18-8, 138257-19-9, 169102-57-2, 678970-15-5, 678970-16-6, 678970-17-7 3194-57-8	4	多溴二苯醚類 PBDEs、Mon to Deca	---

附表 9: 石棉及其化合物包含下列物質

Table 9、Asbestos:

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	石棉類 Asbestos	1332-21-4	5	溫石棉 Chrysotile	12001-29-5
2	陽起石 Actinolite	77536-66-4	6	青石棉 Crocidolite	12001-28-4
3	鐵石棉 Amosite	12172-73-5	7	透閃石 Tremolite	77536-68-6
4	直閃石 Anthophyllite	77536-67-5	8	橡膠石棉 CHRYSOTILEAASBESTOS	132207-32-0

附表 10: 偶氮化合物分解後不得產生的特定胺類類物質清單

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	4-氨基聯苯 4-AMINODIPHENYL	92-67-1	13	4,4'-二氨基-3,3'-二氯二苯甲烷 3,3'-DIMETHYL,4,4'-DIAMINODIPHENYLMETHANE	838-88-0
2	聯苯胺 Benzidine	92-87-5	14	2-甲氧基-5-甲基苯胺 2-METHOXY-5-METHYLANILINE	120-71-8
3	2-萘胺 2-Naphthylamine	91-59-8	15	4,4'-二氨基-3,3'-二氯二苯甲烷 4,4'-METHYLENE-BIS-(2-CHLOROANILINE)	101-14-4
4	2-氨基-4-硝基甲苯 2-AMINO-4-NITROTOLUENE	99-55-8	16	4,4'-二氨基聯苯醚 4,4'-OXYDIANILINE	101-80-4
5	4-氯鄰甲苯胺 4-CHLORO-O-TOLUIDINE	95-69-2	17	二氨基二苯硫醚 4,4'-THIODIANILINE	139-65-1
6	鄰氨基偶氮甲苯 O-AMINOAZOTOLUENE	97-56-3	18	鄰甲苯胺 O-TOLUIDINE	95-53-4
7	對氯苯胺 P-CHLOROANILINE	106-47-8	19	2,4-二氨基甲苯 2,4-TOLUYLENEDIAMINE	95-80-7
8	2,4-二氨基苯甲醚 2,4-DIAMINOANISOLE	615-05-4	20	2,4,5-三甲基苯胺 2,4,5-TRIMETHYLANILINE	137-17-7
9	4,4'-二氨基二苯甲烷 4,4'-DIAMINODIPHENYLMETHANE	101-77-9	21	鄰氨基苯甲醚 O-ANISIDINE	90-04-0
10	3,3'-二氯聯苯胺 3,3'-DICHLOROBENZIDINE	91-94-1	22	4-氨基偶氮苯 P-AMINOAZOBENZENE	60-09-3
11	3,3'-二甲基聯苯胺 3,3'-DIMETHYLBENZIDINE	119-93-7	23	2,4-二甲基苯胺 2,4-XYLIDINE	95-68-1
12	3,3'-二甲氧基聯苯胺 3,3'-DIMETHOXYBENZIDINE	119-90-4	24	2,6-二甲基苯胺 2,6-XYLIDINE	87-62-7

表 11:特定鄰苯二甲酸酯類化合物包含下列物質

Table 11、Specific Phthalates:

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	鄰苯二甲酸二丁酯 Dibutyl phthalate, DBP	84-74-2	11	鄰苯二甲酸二甲氧乙酯(DMEP) Bis(2-methoxyethyl) phthalate, DMEP	117-82-8
2	鄰苯二甲酸二異壬酯 Di-isononyl phthalate, DINP	28553-12-0 68515-48-0	12	鄰苯二甲酸二異戊酯 Diisopentylphthalate, DIPP	605-50-5
3	鄰苯二甲酸、2-乙基己基酯 Di-(2-ethylhexyl) phthalate, DEHP	117-81-7	13	支鏈與直鏈的鄰苯二甲酸二戊酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-6
4	鄰苯二甲酸二癸基酯 Di-isodecyl phthalate, DIDP	26761-40-0 68515-49-1	14	鄰苯二甲酸正戊基異戊基酯 N-pentyl-isopentylphthalate	776297-69-9
5	鄰苯二甲酸二正辛酯 Di-n-octyl phthalate, DNOP	117-84-0	15	鄰苯二甲酸二戊酯 Dipentyl phthalate	131-18-0
6	鄰苯二甲酸二苯酯 Benzyl butyl phthalate, BBP	85-68-7	16	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
7	鄰苯二甲酸二己基酯 Di-n-hexyl phthalate, DNHP	84-75-3	17	鄰苯二甲酸二乙酯 (DEP) Diethyl phthalate (DEP)	84-66-2
8	鄰苯二甲酸二異丁酯 Diisobutyl phthalate; Di-i-butyl phthalate, DIBP	84-69-5	18	鄰苯二甲酸二甲酯 (DMP) Dimethyl phthalate (DMP)	131-11-3
9	鄰苯二甲酸二(C6-8 支鏈)烷基酯， 富 C7(DIHP) 1,2-Benzenedicarboxylic acid, di-C6- 8-branched alkyl esters, C7-rich, DIHP	71888-89-6	19	鄰苯二甲酸十一烷酯 (DuDP) Diundecyl phthalate (DuDP)	3648-20-2
10	鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基 酯(DHNUP) 1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters, DHNUP	68515-42-4			

表 12:多環芳烴化合物包含下列物質

Table 12、Polycyclic aromatic hydrocarbons (PAH) :

項次 Item	物質名稱 Substance	CAS No.	項次 Item	物質名稱 Substance	CAS No.
1	Benzo[e]pyrene (BeP)	192-97-2	15	Dibenz(a,h)acridine	226-36-8
2	Benzo[j]fluoranthene (BjFA)	205-82-3	16	Dibenz(a,j)acridine	224-42-0
3	Benzo[b]fluoranthene (BbFA)	205-99-2	17	Dibenzo(a,e)fluoranthene	5385-75-1
4	Benzo[k]fluoranthene (BkFA)	207-08-9	18	Dibenzo(a,e)pyrene	192-65-4
5	Chrysene (CHR)	218-01-9	19	Dibenzo(a,h)pyrene	189-64-0
6	Benzo[a]pyrene (BaP)	50-32-8	20	Dibenzo(a,l)pyrene	191-30-0
7	Dibenzo[a,h]anthracene (DBaH)	53-70-3	21	7H-Dibenzo(c,g)carbazole	194-59-2
8	Benzo[a]anthracene (BaA)	56-55-3	22	Fluorene	86-73-7
9	Acenaphthene	83-32-9	23	Indeno(1,2,3-cd)pyrene	193-39-5
10	Acenaphthylene	208-96-8	24	5-Methylchrysene	3697-24-3
11	Anthracene	120-12-7	25	Naphthalene	91-20-3
12	Benzo(g,h,i)perylene	191-24-2	26	Phenanthrene	85-01-8
13	Benzo(j,k)fluorene (Fluoranthene)	206-44-0; 93951-69-0	27	Pyrene	129-00-0; 1718-52-1
14	Benzo(r,s,t)pentaphene	189-55-9			

## REACH(SVHC)

符合以下 233 項高度關注物質(含有濃度<1000ppm)。

All Products are free 233 SVHC. (Each substance is less than 1000ppm)

Table 13 \ REACH SVHC Hazardous Substances List

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
1	Anthracene	蒽	120-12-7	204-371-1
2	4,4'- Diaminodiphenylmethane	4,4'- 二氨基二甲苯烷	101-77-9	202-974-4
3	Dibutyl phthalate (DBP)	鄰苯二甲酸二丁酯	84-74-2	201-557-4
4	Cobalt dichloride	氯化鈷	7646-79-9	231-589-4
5	Diarsenic pentaoxide	五氧化二砷	1303-28-2	215-116-9
6	Diarsenic trioxide	三氧化二砷	1327-53-3	215-481-4
7	Sodium dichromate	重鉻酸鈉二水合物	7789-12-0 10588-01-9	234-190-3
8	5-tert-butyl-2,4,6-trinitro-m-xylene	二甲苯麝香	81-15-2	201-329-4
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	鄰苯二甲酸 (2-乙基己) 酯	117-81-7	204-211-0
10	Hexabromocyclododecane (HBCDD)	六溴環十二烷	25637-99-4 3194-55-6	247-148-4 221-695-9
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	短鏈氯化石蠟	85535-84-8	287-476-5
12	Bis(tributyltin)oxide	三丁基氧化錫	56-35-9	200-268-0
13	Lead hydrogen arsenate	酸式砷酸	7784-40-9	232-064-2
14	Triethyl arsenate	三乙基砷酸酯	15606-95-8	427-700-2
15	Benzyl butyl phthalate (BBP)	鄰苯二甲酸丁苯酯	85-68-7	201-622-7
16	Anthracene oil	蒽油	90640-80-5	292-602-7
17	Anthracene oil, anthracene paste, distn. lights	蒽油, 蒽糊, 輕油	91995-17-4	295-278-5
18	Anthracene oil, anthracene paste, anthracene fraction	蒽油, 蒽糊, 蒽錫分	91995-15-2	295-275-9
19	Anthracene oil,anthracene-low	蒽油, 低蒽羣	90640-82-7	292-604-8
20	Anthracene oil, anthracene paste	蒽油, 蒽糊	90640-81-6	292-603-2
21	Coal tar pitch, high temperature	煤瀝青, 高溫	65996-93-2	266-028-2
22	Acrylamide	丙烯酰胺	79-06-1	201-173-7
23	2,4-Dinitrotoluene	2,4-二硝基甲苯	121-14-2	204-450-0
24	Diisobutyl phthalate	鄰苯二甲酸二異丁酯	84-69-5	201-553-2
25	Lead chromate	鉻酸鉛	7758-97-6	231-846-0
26	Lead chromate molybdate sulphate red	紅 104 顏料中的鉻酸鉛鉻酸鉛硫酸鹽	12656-85-8	235-759-9
27	Lead sulfochromate yellow	黃 34 顏料硫代鉻酸鉛	1344-37-2	215-693-7
28	Tris(2-chloroethyl)phosphate	三(2-氯乙基)磷酸酯	115-96-8	204-118-5
29	Trichloroethylene	三氯乙烯	79-01-6	201-167-4
30	Boric acid	硼酸	10043-35-3 11113-50-1	233-139-2 234-343-4
31	Disodium tetraborate, anhydrous	硼砂、四硼酸二鈉	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	Tetraboron disodium heptaoxide, hydrate	水合硼酸鈉	12267-73-1	235-541-3
33	Sodium chromate	鉻酸鈉	7775-11-3	231-889-5
34	Potassium chromate	鉻酸鉀	7789-00-6	232-140-5
35	Ammonium dichromate	重鉻酸銨	7789-09-5	232-143-1
36	Potassium dichromate	重鉻酸鉀	7778-50-9	231-906-6
37	Cobalt(II) sulphate	硫酸鈷 (二價)	10124-43-3	233-334-2
38	Cobalt(II) dinitrate	硝酸鈷 (二價)	10141-05-6	233-402-1
39	Cobalt(II) carbonate	碳酸鈷 (二價)	513-79-1	208-169-4
40	Cobalt(II) diacetate	醋酸鈷 (二價)	71-48-7	200-755-8
41	2-Methoxyethanol	乙二醇甲醚	109-86-4	203-713-7
42	2-Ethoxyethanol	乙二醇乙醚	110-80-5	203-804-1
43	Chromium trioxide	三氧化鉻	1333-82-0	215-607-8

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid Oligomers of chromic acid and dichromic acid	從三氧化鉻生成的酸類與其它寡體： 鉻酸、重鉻酸、鉻酸與重鉻酸的其它寡體	7738-94-5 13530-68-2	231-801-5 236-881-5
45	2-ethoxyethyl acetate	乙二醇乙醚醋酸酯	111-15-9	203-839-2
46	Strontium chromate	鉻酸銣	7789-06-2	232-142-6
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	鄰苯二甲酸二(C7-11 支鏈與直鏈) 烷基酯(DHNUP)、1,2-苯二酸-二(C7-11 支鏈與直鏈) 烷基(醇)酯	68515-42-4	271-084-6
48	Hydrazine	聯胺、胼	7803-57-8 302-01-2	206-114-9
49	1-methyl-2-pyrrolidone, N-methylpyrrolidone (NMP)	1-甲基吡咯烷酮, N-甲基吡咯烷酮 (NMP)	872-50-4	212-828-1
50	1,2,3-trichloropropane	1,2,3-三氯丙烷	96-18-4	202-486-1
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	鄰苯二甲酸二(C6-8 支鏈與直鏈) 烷基酯，富 C7 鏈 (DIHP)	71888-89-6	276-158-1
52	Dichromium tris(chromate)	鉻酸鉻	24613-89-6	246-356-2
53	Potassium hydroxyoctaoxodizincatedi-chromate	氫氧化鉻酸鋅鉀	11103-86-9	234-329-8
54	Pentazinc chromate octahydroxide	八氫氧化五鉻酸鋅	49663-84-5	256-418-0
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	矽酸鋁，耐火陶瓷纖維	---	---
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	氧化鋯矽酸，耐火陶瓷纖維	---	---
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	甲醛與苯胺的寡聚反應物	25214-70-4	500-036-1
58	Bis(2-methoxyethyl) phthalate	鄰苯二甲酸雙(2-甲氧基乙基) 酯	117-82-8	204-212-6
59	2-Methoxyaniline; o-Anisidine	鄰甲氧基苯胺	90-04-0	201-963-1
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	對特辛基苯酚	140-66-9	205-426-2
61	1,2-Dichloroethane	1,2-二氯乙烷	107-06-2	203-458-1
62	Bis(2-methoxyethyl) ether	雙(2-甲氧基乙基)醚	111-96-6	203-924-4
63	Arsenic acid	砷酸	7778-39-4	231-901-9
64	Calcium arsenate	砷酸鈣	7778-44-1	231-9041-5
65	Trilead diarsenate	砷酸鉛	3687-31-8	222-979-5
66	N,N-dimethylacetamide (DMAC)	N,N-二甲基乙醯胺	127-19-5	204-826-4
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	2,2'-二氯-4,4'-二氨基二苯基甲烷	101-14-4	202-918-9
68	Phenolphthalein	酚酞	77-09-8	201-004-7
69	Lead azide Lead diazide	疊氮化鉛	13424-46-9	236-542-1
70	Lead styphnate	中性斯蒂酚酸鉛	15245-44-0	239-290-0
71	Lead dipicrate	苦味酸鉛	6477-64-1	229-335-2
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	三甘醇二甲醚	112-49-2	203-977-3
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	1,2-二甲氧基乙烷	110-71-4	203-794-9
74	Diboron trioxide	三氧化二硼	1303-86-2	215-125-8
75	Formamide	甲酰胺	75-12-7	200-842-0
76	Lead(II)bis(methanesulfonate)	甲磺酸鉛(II)溶液	17570-76-2	401-750-5
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	異氰尿酸三縮水甘油酯	2451-62-9	219-514-3



項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
78	$\beta$ -TGIC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	替羅昔隆	59653-74-6	423-400-0
79	4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	4,4'-四甲基二氣二苯酮	90-94-8	202-027-5
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	4,4'-亞甲基雙(N,N-二甲基苯胺)	101-61-1	202-959-2
81	4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	結晶紫	548-62-9	208-953-6
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	鹼性藍 26	2580-56-5	219-943-6
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	溶劑藍 4	6786-83-0	229-851-8
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	$\alpha,\alpha$ -二[(二甲基氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2
85	Bis(pentabromophenyl) ether (DecaBDE)	十溴聯苯醚	1163-19-5	214-604-9
86	Pentacosafuorotridecanoic acid	全氟十三酸	72629-94-8	276-745-2
87	Tricosafuorododecanoic acid	全氟十二酸	307-55-1	206-203-2
88	Henicosafuoroundecanoic acid	全氟十一酸	2058-94-8	218-165-4
89	Heptacosafuorotetradecanoic acid	全氟十四酸	376-06-7	206-803-4
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基-以及所有的被定義的物質, 未知成分或可變成分的物質, 聚合物和同系物	---	---
91	4-Nonylphenol, branched and linear – substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	分支或線性的壬基酚, 包括含有 9 個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支 9 個碳烷基鏈的 UVCB 物質	---	---
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	偶氮[二]甲醯胺	123-77-3	204-650-8
93	Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	六氫苯二甲酸酐	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9
94	Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	甲基六氫苯酐 4-甲基六氫苯酐 1-甲基六氫苯酐 3-甲基六氫苯酐	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1
95	Methoxy acetic acid	甲氧基乙酸	625-45-6	210-894-6
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	支鏈和直鏈 1,2-苯二羧二戊酯	84777-06-0	284-032-2
97	Diisopentylphthalate	鄰苯二甲酸二異戊酯	605-50-5	210-088-4
98	N-pentyl-isopentylphthalate	鄰苯二甲酸正戊基異戊基酯	776297-69-9	---
99	1,2-Diethoxyethane	乙二醇二乙醚	629-14-1	211-076-1
100	N,N-dimethylformamide; dimethyl formamide	N,N-二甲基甲醯胺	68-12-2	200-679-5
101	Dibutyltin dichloride (DBTC)	二氯二丁基錫	683-18-1	211-670-0
102	Acetic acid, lead salt, basic	城式醋酸鉛	51404-69-4	257-175-3

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
103	Trilead bis(carbonate) dihydroxide (basic lead carbonate)	碱式碳酸鉛	1319-46-6	215-290-6
104	Lead oxide sulfate	碱式硫酸鉛	12036-76-9	234-853-7
105	[Phthalato(2-)]dioxotrilead	[1,2-苯二羧酸根合]二氧化三鉛	69011-06-9	273-688-5
106	Dioxobis(stearato)trilead	雙(十八酸基)二氧代三鉛	12578-12-0	235-702-8
107	Fatty acids, C16-18, lead salts	C16-18-脂肪酸鉛鹽	91031-62-8	292-966-7
108	Lead cyanamidate	氨基氰鉛鹽	20837-86-9	244-073-9
109	Lead dinitrate	硝酸鉛	10099-74-8	233-245-9
110	Lead oxide (lead monoxide)	氧化鉛	1317-36-8	215-267-0
111	Lead tetroxide (orange lead)	四氧化鉛	1314-41-6	215-235-6
112	Pentalead tetraoxide sulphate	氧化鉛與硫酸鉛的複合物	12065-90-6	235-067-7
113	Silicic acid, lead salt	矽酸鉛	11120-22-2	234-363-3
114	Sulfurous acid, lead salt, dibasic	亞硫酸鉛(II)	62229-08-7	263-467-1
115	Tetraethyllead	四乙基鉛	78-00-2	201-075-4
116	Tetralead trioxide sulphate	三鹼式硫酸鉛/C.I. 顏料白	12202-17-4	235-380-9
117	Lead bis(tetrafluoroborate)	四氟硼酸鉛(II)	13814-96-5	237-486-0
118	Lead titanium trioxide	鈦酸鉛	12060-00-3	235-038-9
119	Lead Titanium Zirconium Oxide	鈦酸鉛鋯	12626-81-2	235-727-4
120	Pyrochlore, antimony lead yellow	C.I.顏料黃 41	8012-00-8	232-382-1
121	Trilead dioxide phosphonate	磷酸氧化鉛	12141-20-7	235-252-2
122	Silicic acid, barium salt, lead-doped	含鉛的矽酸鋇	68784-75-8	272-271-5
123	Furan	呋喃	110-00-9	203-727-3
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	環氧丙烷	75-56-9	200-879-2
125	Diethyl sulphate	硫酸二乙酯	64-67-5	200-589-6
126	Dimethyl sulphate	硫酸二甲酯	77-78-1	201-058-1
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-惡唑烷	143860-04-2	421-150-7
128	Dinoseb	2-(1-甲基丙基)-4,6-二硝基苯酚	88-85-7	201-861-7
129	4,4'-methylenedi-o-toluidine	4,4'-二氨基-3,3'-二甲基聯苯基甲烷	838-88-0	212-658-8
130	4,4'-oxydianiline and its salts	4,4'-二氨基二苯醚	101-80-4	202-977-0
131	4-Aminoazobenzene; 4-Phenylazoaniline	4-苯基偶氮基苯胺	60-09-3	200-453-6
132	4-methyl-m-phenylene diamine (2,4-toluene-diamine)	2,4-二氨基甲苯	95-80-7	202-453-1
133	6-methoxy-m-toluidine (p-cresidine)	3-甲基-6-甲氧基苯胺	120-71-8	204-419-1
134	Biphenyl-4-ylamine	4-胺基聯苯	92-67-1	202-177-1
135	o-aminoazotoluene	鄰氨基偶氮甲苯	97-56-3	202-591-2
136	o-Toluidine; 2-Aminotoluene	鄰甲苯胺	95-53-4	202-429-0
137	N-methylacetamide	N-甲基乙醯胺	79-16-3	201-182-6
138	1-bromopropane	正丙基溴	106-94-5	203-445-0
139	Pentadecafluorooctanoic acid (PFOA)	全氟辛酸	335-67-1	206-397-9
140	Ammoniumpentadecafluorootanoate (APFO)	全氟辛酸銨	3825-26-1	223-320-4
141	Cadmium oxide	氧化鎘	1306-19-0	215-146-2
142	Cadmium	鎘	7440-43-9	231-152-8
143	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	分支或線性的乙氧基壬基酚，包括含有9個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支9個碳烷基鏈的UVCB物質	---	---
144	Dipentyl phthalate (DPP)	鄰苯二甲酸二戊酯	131-18-0	205-017-9
145	Cadmium sulphide	硫化鎘	1306-23-6	215-147-8

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
146	Dihexyl phthalate	鄰苯二甲酸二己酯	84-75-3	201-559-5
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	直接紅 28	573-58-0	209-358-4
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	直接黑 38	1937-37-7	217-710-3
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	亞乙基硫脲	96-45-7	202-506-9
150	Lead di(acetate)	醋酸鉛	301-04-2	206-104-4
151	Trixylyl phosphate	磷酸三(二甲苯)酯	25155-23-1	246-677-8
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	鄰苯二甲酸二己酯(支鏈和直鏈)	68515-50-4	271-093-5
153	Cadmium chloride	氯化鎘	10108-64-2	233-296-7
154	Sodium perborate; perboric acid, sodium salt	過硼酸鈉	---	239-172-9 234-390-0
155	Sodium peroxometaborate	過氧偏硼酸鈉	7632-04-4	231-556-4
156	Cadmium fluoride	氟化鎘	7790-79-6	232-222-0
157	Cadmium sulphate	硫酸鎘	10124-36-4, 31119-53-6	233-331-6
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	2-苯并三唑-2-基-4,6-二-三級-丁基苯酚 (UV-320)	3846-71-7	223-346-6
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	2-(2H-苯并三唑-2-基)-4,6-二-三級戊基苯酚 (UV-328)	25973-55-1	247-384-8
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	二正辛基-双(2-乙基己基巯基乙酸酯)錫(DOTE)	15571-58-1	239-622-4
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	二正辛基-双(2-乙基己基巯基乙酸酯)錫和單辛基-三(2-乙基己基巯基乙酸酯)錫的反應物(DOTE和MOTE的反應產物)	---	---
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	鄰苯二甲酸二(C6-C6)烷基酯:(癸基,己基,辛基)酯與1,2-鄰苯二甲酸的複合物且鄰苯二甲酸二己酯含量≥0.3%	68515-51-5 68648-93-1	271-094-0 272-013-1
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	5-仲丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二噁烷[1], 5-仲丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二噁烷[2] [覆蓋任何[1]和[2]或者其任意組合的單獨的異構體(卡拉花醛及其同分異構物)]	---	---
164	Nitrobenzene	硝基苯	98-95-3	202-716-0
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	2,4-二-叔丁基-6-(5-氯代苯并三唑-2-基)苯酚	3864-99-1	223-383-8
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	2-(2H-苯並三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚	36437-37-3	253-037-1
167	1,3-propanesultone	1,3-丙烷磺內酯	1120-71-4	214-317-9
168	Perfluorononan-1-oiic-acid and its sodium and ammonium salts	全氟壬酸及其鈉鹽和銨鹽	375-95-1 21049-39-8 4149-60-4	206-801-3
169	Benzo[def]chrysene (Benzo[a]pyrene)	苯并(a)芘	50-32-8	200-028-5

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	雙酚 A	80-05-7	201-245-8
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	十九氟癸酸及其鈉和銨鹽	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5
172	<i>p</i> -(1,1-dimethylpropyl)phenol	對(1,1-二甲基丙基)苯酚	80-46-6	201-280-9
173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	4-庚基苯酚, 支鍊及直鍊 包括含有 7 個碳烷基鏈的所有獨立的分異構體和所有含有線性或分支 7 個碳烷基鏈的 UVCB 物質	---	---
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	全氟己基磺酸及其鹽類	355-46-4	206-587-1
175	Chrysene	苯並[a]菲	218-01-9	205-923-4
176	Benz[a]anthracene	苯並[a]蔥	56-55-3	200-280-6
177	Cadmium nitrate	硝酸鎘	10325-94-7	233-710-6
178	Cadmium hydroxide	氫氧化鎘	21041-95-2	244-168-5
179	Cadmium carbonate	碳酸鎘	513-78-0	208-168-9
180	Dechlorane Plus (TM)	德克隆	-	-
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	1,3,4-噻啞烷-2,5-二硫酮, 甲醛及 4-庚基苯酚支鍊及直鍊反應物, (RP-HP) [含≥0.1% w/w 支鍊及直鍊 4-庚基苯酚]	-	-
182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride; TMA)	偏苯三酸酐	552-30-7	209-008-0
183	Dicyclohexyl phthalate (DCHP)	鄰苯二甲酸二環己酯	84-61-7	201-545-9
184	Octamethylcyclotetrasiloxane (D4)	八甲基環四矽氧烷	556-67-2	209-136-7
185	Decamethylcyclopentasiloxane (D5)	十甲基環五矽氧烷	541-02-6	208-764-9
186	Dodecamethylcyclohexasiloxane (D6)	十二甲基環六矽氧烷	540-97-6	208-762-8
187	Lead	鉛	7439-92-1	231-100-4
188	Disodium octaborate	八硼酸二鈉	12008-41-2	234-541-0
189	Benzo[ghi]perylene	苯并[ghi]芘	191-24-2	205-883-8
190	Terphenyl hydrogenated	氫化三聯苯	61788-32-7	262-967-7
191	Ethylenediamine (EDA)	乙二胺	107-15-3	203-468-6
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	2,2-雙(4'-羥基苯基)-4-甲基戊烷	6807-17-6	401-720-1
193	Benzo[k]fluoranthene	苯并[k]熒蔥	207-08-9	205-916-6
194	Fluoranthene	熒蔥	206-44-0; 93951-69-0	205-912-4

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
195	Phenanthrene	菲	85-01-8	201-581-5
196	Pyrene	芘	129-00-0; 1718-52-1	204-927-3
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	1,7,7-三甲基-3-(苯亞甲基)雙環[2,2,1]庚烷-2-酮 (3-苯亞甲基樟腦)	15087-24-8	239-139-9
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	2,3,3,3-四氟-2-(七氟丙氧基)丙酸，鹽類，及其鹵化物(涵蓋他們其個別和組合之同分異構物)	-	-
199	2-methoxyethyl acetate	2-甲氧基乙基乙酯	110-49-6	203-772-9
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	三(4-壬基,支鏈及直鏈)亞磷酸酯 含 $\geq 0.1\%$ 的支鏈及直鏈 4-壬基酚	-	-
201	4-tert-butylphenol	4-叔丁基苯酚	98-54-4	202-679-0
202	Perfluorobutane sulfonic acid (PFBS) and its salts	全氟丁磺酸及其相關鹽類	-	-
203	Diisohexyl phthalate	二異己基鄰苯二甲酸酯	71850-09-4	276-090-2
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	2-甲基-1-(4-甲硫基苯基)-2-嗎啡基-1-丙酮	71868-10-5	400-600-6
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	2-苄基-2-(二甲基氨基)-4'-嗎啡基苯基丁酮	119313-12-1	404-360-3
206	1-vinylimidazole	1-乙烯基咪唑	1072-63-5	214-012-0
207	2-methylimidazole	2-甲基咪唑	693-98-1	211-765-7
208	butyl 4-hydroxybenzoate	4-羥基苯甲酸丁酯	94-26-8	202-318-7
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	二丁基雙(2,4-戊二酸根合-O,O')錫	22673-19-4	245-152-0
210	bis(2-(2-methoxyethoxy) ethyl) ether	雙(2-(2-甲氧基乙氧基)乙基)醚	143-24-8	205-594-7
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	二月桂酸二辛基錫，錫烷，二辛基-，雙(椰油醯氧基)衍生物，以及任何其他錫烷，二辛基-，雙(脂肪醯氧基)衍生物。其中 C12 為脂肪醯氧基部分的主要碳原子數	-	--
212	1,4-dioxane	1,4-二氧六環	123-91-1	204-661-8
213	2,2-bis(bromomethyl)propane1,3-diol (BMP)	2,2-雙(溴甲基)-1,3-丙二醇	3296-90-0	221-967-7
	2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	3-溴-2,2-雙(溴甲基)-1-丙醇	36483-57-5/ 1522-92-5	253-057-0
	2,3-dibromo-1-propanol (2,3-DBPA)	2,3-二溴-1-丙醇	96-13-9	202-480-9

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	2-(4-叔丁基苄基)丙醛及其個別立體異構物	-	-
	(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	(2R)-3-(4-叔丁基苯基)-2-甲基丙醛	75166-31-3	-
	2-(4-tert-butylbenzyl)propionaldehyde	2-(4-叔丁基苄基)丙醛	80-54-6	201-289-8
	(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	(2S)-3-(4-叔丁基苯基)-2-甲基丙醛	75166-30-2	-
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	雙酚 B	77-40-7	201-025-1
216	Glutaral	戊二醛	111-30-8	203-856-5
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	中鏈氯化石蠟[UVCB 物質包含大於或等於 80% 的直鏈氯代烷烴，碳鏈長度在 C14 至 C17 範圍內]	-	-
	Alkanes, C14-16, chloro		1372804-76-6	-
	Alkanes, C14-17, chloro		85535-85-9	287-477-0
	di-, tri- and tetrachlorotetradecane		-	950-299-5
	Tetradecane, chloro derivs.		198840-65-2	-
218	Orthoboric acid, sodium salt	硼酸鈉鹽	13840-56-7	237-560-2
	boric acid (H3BO3), sodium salt, hydrate	硼酸 (H3BO3), 鈉鹽, 水合物	25747-83-5	-
	Boric acid (H3BO3), disodium salt	硼酸 (H3BO3), 二鈉鹽	22454-04-2	-
	Trisodium orthoborate	原硼酸三鈉	14312-40-4	238-253-6
	Boric acid, sodium salt	硼酸, 鈉鹽	1333-73-9	215-604-1
	Orthoboric acid, sodium salt	原硼酸鈉鹽	13840-56-7	237-560-2
	Boric acid (H3BO3), sodium salt (1:1)	硼酸 (H3BO3), 鈉鹽 (1:1)	14890-53-0	-
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	經由低聚合反應烷基化的苯酚產物(主要在對位位置)帶有 12 個碳的支鏈或直鏈，並涵蓋各種同分異構物及/或其各種組合	-	-
	Phenol, 4-dodecyl, branched	苯酚, 4-十二烷基, 支鏈	210555-94-5	-
	4-isododecylphenol	4-異十二烷基苯酚	27459-10-5	-
	Phenol, 4-isododecyl-	苯酚, 4-異十二烷基-	27147-75-7	-
	Phenol, dodecyl-, branched	苯酚, 十二烷基, 支鏈	121158-58-5	310-154-3
	Phenol, (tetrapropenyl) derivatives	苯酚, (四丙烯基) 衍生物	74499-35-7	-
	Phenol, tetrapropylene-	苯酚, 四丙烯-	57427-55-1	-

項次 Item	高度關注物質 Substances of Very High Concern	中文名稱 Chinese Name	CAS No.	EC No.
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene] bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]庚烷-2-酮，包括各個異構體和/或其組合(4-MBC)	1782069-81-1; 95342-41-9; 852541-25-4; 36861-47-9; 741687-98-9; 852541-30-1; 852541-21-0	253-242-6
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	6,6'雙二叔丁基-2,2'-亞甲基雙對甲酚(DBMC)	119-47-1	204-327-1
222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	硫-(三環[5.2.1.0'2,6]癸-3-烯-8(或9)-基) 氧-(異丙基或異丁基或2-乙基己基) 氧-(異丙基或異丁基或2-乙基己基)二硫代磷酸酯	255881-94-8	401-850-9
223	tris(2-methoxyethoxy)vinylsilane	三(2-甲氧基乙氧基)乙烯基矽烷	1067-53-4	1067-53-4
224	N-(hydroxymethyl)acrylamide	N-(羥甲基)丙烯醯胺	924-42-5	213-103-2
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	1,2-雙(2,4,6-三溴苯氧基)乙烷	37853-59-1	253-692-3
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	四溴雙酚 A	79-94-7	201-236-9
227	4,4'-sulphonyldiphenol	雙酚 S	80-09-1	201-250-5
228	Barium diboron tetraoxide	偏硼酸鋇	13701-59-2	237-222-4
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	雙(2-乙基己基)四溴鄰苯二甲酸酯，覆蓋任何單個異構體和/或其組合	-	-
230	Isobutyl 4-hydroxybenzoate	4-羥基苯甲酸 2-甲基丙酯	4247-02-3	224-208-8
231	Melamine	三聚氰胺	108-78-1	203-615-4
232	Perfluoroheptanoic acid and its salts	全氟庚酸及其鹽類	-	-
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)嗎啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙基)嗎啉的反應物料	-	473-390-7

附表 14、短鏈和中鏈氯化石蠟 (SCCP 和 MCCP)

Table 14、Chlorinated Paraffins (SCCP and MCCP)

項次 Item	物質名稱 Substance	CAS No.
1	Alkanes, C10-21, chloro	84082-38-2
2	Alkanes, C12-13, chloro	71011-12-6

項次 Item	物質名稱 Substance	CAS No.
3	Alkanes, C12-14, chloro	85536-22-7
4	Alkanes, C14-17, chloro	85535-85-9

附表15、雙酚類化學品

Table 15、Bisphenol Chemicals

項次 Item	物質名稱 Substance	CAS No.
1	2,2-bis(2-hydroxy-5-biphenyl)propane [BPBP]	24038-68-4
2	4,4'-(1-methylpropylidene)bisphenol [BPB]	77-40-7
3	4,4'-(1-Phenylethylidene)bisphenol [BPAP]	1571-75-1
4	4,4'-(1,3-phenylene-bis(1-methylethylidene))bisphenol [BPM]	13595-25-0
5	4,4'-(1,4-Phenylenediisopropylidene)bisphenol [BPP]	2167-51-3
6	4,4'-(dichlorovinylidene)diphenol [BPC12]	14868-03-2
7	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol [BPAF]	1478-61-1
8	4,4'-cyclohexylidenebisphenol [BPZ]	843-55-0
9	4,4'-ihydroxytetraphenylmethane [BPPH]	1844-01-5

項次 Item	物質名稱 Substance	CAS No.
10	4,4'-isopropylidenedi-o-cresol [BPC]	79-97-0
11	4,4'-isopropylidenediphenol [BPA]	80-05-7
12	4,4'-methylenediphenol [BPF]	620-92-8
13	4,4'-sulphonyldiphenol [BPS]	80-09-1
14	4,4'-Ethylidenebisphenol [BPE]	2081-08-5
15	9,9-Bis(4-hydroxyphenyl)fluorene [BPFL]	3236-71-3
16	Biphenyl-4,4'-diol [BP4,4']	92-88-6
17	Bis(2-hydroxyphenyl)methane [BIS2]	2467-09-9
18	p,p'-oxybisphenol [DHDPE]	1965-09-9

附表16、含溴有機溶劑

Table 16、Brominated Organic Solvents

項次 Item	物質名稱 Substance	CAS No.
1	1-Bromobutane	109-65-9
2	1-Bromopropane	106-94-5
3	2-Bromopropane	75-26-3

項次 Item	物質名稱 Substance	CAS No.
4	Bromodichloromethane	75-27-4
5	Bromoethane	74-96-4
6	Bromomethane	74-83-9

項次 Item	物質名稱 Substance	CAS No.
7	Dibromochloromethane	124-48-1



附表17、釋放甲醴的物質

Table 17、Formaldehyde-releasing substances

項次 Item	物質名稱 Substance	CAS No.
1	Urea formaldehyde (UF) resins	68002-18-6
2	Phenol formaldehyde (PF) resins	68610-07-1
3	Melamine formaldehyde (MF) resins	68002-20-0
4	Polyoxymethylenes (POM)	66455-31-0

項次 Item	物質名稱 Substance	CAS No.
5	Methylene diphenyl diisocyanate (MDI)	101-68-8
6	1,4-Butanediol (BDO)	110-63-4
7	Pentaerythritol (Penta)	115-77-5

附表18、添加劑磷阻燃劑

Table 18、Additive Phosphorous Flame Retardants

項次 Item	物質名稱 Substance	CAS No.
1	Triphenyl phosphate, Phosphoric acid, triphenyl ester (TPP)	115-86-6
2	Diphenyl octyl phosphate	115-88-8
3	2-Ethylhexyl diphenyl phosphate	1241-94-7
4	Resorcinol bis(diphenyl phosphate)	57583-54-7
5	Tri-n-butyl phosphate	126-73-8
6	Tricresyl phosphate	1330-78-5
7	Dodecyl diphenyl phosphate	27460-02-2
8	Cetyl diphenyl phosphate	56827-92-0
9	Diethyl ethanephosphonate	78-38-6
10	Trixylyl phosphate	25155-23-1
11	Aluminum diethylphosphinate	225789-38-8
12	Diphenyl cresyl phosphate	26444-49-5
13	Isopropylated triphenyl phosphate	26967-76-0 72668-27-0
14	Diethyl N,N'-bis(2-hydroxyethyl)aminomethylphosphonate	781-11-5

項次 Item	物質名稱 Substance	CAS No.
15	Zinc diethylphosphinate	284685-45-6
16	Isodecyl diphenyl phosphate	29761-21-5
17	Melamine phosphate	41583-09-9
18	Tetrakis(hydroxymethyl)phosphonium sulphate	55566-30-8
19	Tri-m-cresyl phosphate	563-04-2
20	Tris(4-tert-butylphenyl) phosphate	78-33-1
21	Piperazine pyrophosphate	66034-17-1
22	Red phosphorous	7723-14-0
23	Tri-o-cresyl phosphate	78-30-8
24	Tri-p-cresyl phosphate	78-32-0
25	Triethyl phosphate	78-40-0
26	Tris(2-ethylhexyl) phosphate	78-42-2
27	Tris(2-butoxyethyl) phosphate	78-51-3

附表19、取代的二苯胺 (SDPA)

Table 19、Additive Phosphorous Flame Retardants

項次 Item	物質名稱 Substance	CAS No.
1	Benzenamine, 4-octyl-N-(4-octylphenyl)-	101-67-7
2	Benzenamine, 4-octyl-N-phenyl-	4175-37-5
3	Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-	10081-67-1
4	Benzenamine, 4-(1,1,3,3-tetramethylbutyl)-N-[4-(1,1,3,3-tetramethylbutyl)phenyl]-	15721-78-5
5	Benzenamine, 4-nonyl-N-(4-nonylphenyl)-	24925-59-5
6	Benzenamine, ar-octyl-N-(octylphenyl)-	26603-23-6
7	Benzenamine, ar-nonyl-N-phenyl-	27177-41-9

項次 Item	物質名稱 Substance	CAS No.
8	Benzenamine, ar-nonyl-N-(nonylphenyl)-	36878-20-3
9	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1
10	Benzenamine, N-phenyl-, styrenated	68442-68-2
11	Benzenamine, 2-ethyl-N-(2-ethylphenyl)-, (tripropenyl) derivatives	68608-77-5
12	Benzenamine, N-phenyl-, (tripropenyl) derivatives	68608-79-7
13	Benzenamine, N-phenyl-, reaction products with isobutylene and 2,4,4-trimethylpentene	184378-08-3

附表20、內分泌干擾化學物質(EDC)

Table 20、Endocrine Disrupting Chemicals(EDCs)

項次 Item	物質名稱 Substance	CAS No.
1	Triphenyl phosphate (TPHP)	115-86-6
2	Butylated hydroxytoluene	128-37-0
3	Ziram	137-30-4
4	Metam sodium	137-42-8
5	Thiram	137-26-8
6	Zineb	12122-67-7

項次 Item	物質名稱 Substance	CAS No.
7	4-nitrophenol	100-02-7
8	Resorcinol	108-46-3
9	Tert-butylhydroxyanisole (BHA)	25013-16-5
10	4,4'-Dihydroxybenzophenone	611-99-4
11	3-Benzylidene camphor 3-BC	15087-24-8

附表21、長鏈全氟烷基羧酸鹽 (LCPFAC) 和全氟烷基磺酸鹽化學品

Table 21、Long-chain perfluoroalkyl carboxylate (LCPFACs) and perfluoroalkyl sulfonate chemicals

項次 Item	物質名稱 Substance	CAS No.
1	Perfluorooctyl iodide (Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-8-iodo-)	507-63-1
2	Tetrahydroperfluoro-1-decanol (1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-)	678-39-7
3	Perfluorodecyl iodide (Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-)	2043-53-0
4	1,1,2,2-Tetrahydroperfluorododecyl iodide (Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-)	2043-54-1
5	Perfluorodecylethyl acrylate (2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester.)	17741-60-5
6	1,1,2,2-Tetrahydroperfluorodecyl acrylate (2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester)	27905-45-9
7	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuoro-14-iodotetradecane (Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-)	30046-31-2
8	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-Pentacosafuorotetradecan-1-ol (1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-)	39239-77-5
9	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-Nonacosafuorohexadecan-1-ol (1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-)	60699-51-6
10	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-Nonacosafuoro-16-iodohexadecane (Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-)	65510-55-6
11	Sodium;2-methylpropane-1-sulfonate (1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(gamma-omega-perfluoroC4-16-alkyl)thio]propyl]amino] derivs., sodium salts)	68187-47-3
12	1,1,2,2-Tetrahydroperfluoroalkyl (C8-C14) alcohol (Alcohols, C8-14, gamma-omega-perfluoro.)	68391-08-2
13	Thiols, C8-20, gamma-omega-perfluoro, telomers with acrylamide (Thiols, C8-20, gamma-omega-perfluoro, telomers with acrylamide.)	70969-47-0
14	Silicic acid (H4SiO4), sodium salt (1:2), reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol (Silicic acid (H4SiO4), sodium salt (1:2), reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol.)	125476-71-3

15	Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts (Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts.)	1078712-88-5
16	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(2-((gamma-omega-perfluoro-C4-20-alkyl)thio)acetyl) derivs., inner salts (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-((gamma-omega-perfluoro-C4-20-alkyl)thio)acetyl] derivs., inner salts.)	1078715-61-3
17	Polyfluoroalkyl betaine (generic) (Polyfluoroalkyl betaine (PROVISIONAL).)	CBI
18	Modified fluoroalkyl urethane (generic) (Modified fluoroalkyl urethane (PROVISIONAL).)	CBI
19	Perfluorinated polyamine (generic) (Perfluorinated polyamine (PROVISIONAL).)	CBI
20	Perfluorodecyl iodide (Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptafluoro-10-iodo-.)	2043-53-0
21	Octanoyl fluoride, pentadecafluoro-	335-66-0
22	Octanoic acid, pentadecafluoro- (PFOA)	335-67-1
23	Octanoic acid, pentadecafluoro-, silver salt	335-93-3
24	Octanoic acid, pentadecafluoro-, sodium salt	335-95-5
25	Octanoic acid, pentadecafluoro-, potassium salt	2395-00-8
26	Octanoic acid, pentadecafluoro-, ammonium salt (APFO)	3825-26-1

附表22、TSCA管制物質

Table 2、TSCA Priority chemicals

項次 Item	物質名稱 Substance	CAS No.
1	Phenol, Isopropylated Phosphate (PIP) (3:1)	68937-41-7
2	2,4,6-Tris(tert-butyl)phenol(TTBP)	732-26-3
3	Pentachlorothiophenol (PCTP)	133-49-3
4	Pigment Violet 29	81-33-4
5	1,3-Butadiene	106-99-0

項次 Item	物質名稱 Substance	CAS No.
6	o-Dichlorobenzene	95-50-1
7	p-Dichlorobenzene	106-46-7
8	Ethylene dibromide	106-93-4
9	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran (HHCB)	1222-05-5
10	Phthalic anhydride	85-44-9