

REACH Declaration of Compliance

Date: June 27, 2024

Subject: Restricted Use for SVHC (Substances of Very High Concern) in Products.

Dear Customer:

The European Union has adopted REACH directive EC1907/2006, concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). ECHA updated new substances onto the candidate list as Substances of Very High Concerns (SVHC) in 2024. We are making declaration to our best knowledge as followed:

項目 Item No.	物質 Substance identification		
	物質名稱 Substance Name	CAS 號碼 CAS No.	Description
1	Anthracene (蒽)	120-12-7	Non-use
2	4,4'- Diaminodiphenylmethane (MDA) (4,4'-二氨基二苯基甲烷)	101-77-9	Non-use
3	Dibutyl phthalate (鄰苯二甲酸二丁酯) (DBP)	84-74-2	Non-use
4	Butyl phthalate (鄰苯二甲酸丁苄酯) (BBP)	85-68-7	Non-use
5	Bis (2-ethyl(hexyl)phthalate) DEHP (鄰苯二甲酸雙(2-乙基己基)酯)	117-81-7	Non-use
6	5-tert-butyl-2,4,6-trinitro-m-xylene (二甲苯麝香)	81-15-2	Non-use
7	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) 六溴環十二烷及其主要異構物(α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 and 3194-55-6	Non-use
8	Alkanes, C10-13, chloro (短鏈氯化石蜡)	85535-84-8	Non-use
9	Bis(tributyltin)oxide (TBTO) (氧化雙三丁基錫)	56-35-9	Non-use
10	Cobalt dichloride (二氯化鈷)	7646-79-9	Non-use
11	Diarsenic pentaoxide (五氧化二砷)	1303-28-2	Non-use
12	Diarsenic trioxide (三氧化二砷)	1327-53-3	Non-use
13	Triethyl arsenate (三乙基砷酸酯)	15606-95-8	Non-use
14	Lead hydrogen arsenate (砷酸氫鉛)	7784-40-9	Non-use
15	Sodium dichromate* (重鉻酸鈉及其二水合物)	010588-01-9; 7789-12-0	Non-use
16	Anthracene oil (蒽油)	90640-80-5	Non-use
17	Anthracene oil, anthracene paste, distn. Lights (蒽油, 蒽糊, 輕油)	91995-17-4	Non-use

18	Anthracene oil, anthracene paste, anthracene fraction (蒽油, 蒽糊, 蒽鎔分)	91995-15-2	Non-use
19	Anthracene oil, anthracene-low (蒽油, 含蒽量低)	90640-82-7	Non-use
20	Anthracene oil, anthracene paste (蒽油, 蒽糊)	90640-81-6	Non-use
21	Coal tar pitch, high temperature (煤瀝青, 高溫)	65996-93-2	Non-use
22	Diisobutyl phthalate (DIBP) (鄰苯二甲酸二異丁酯)	84-69-5	Non-use
23	2,4-Dinitrotoluene (2,4-二硝基甲苯)	121-14-2	Non-use
24	Tris(2-chloroethyl)phosphate (三(2-氯乙基)磷酸酯)	115-96-8	Non-use
25	Lead chromate (鉻酸鉛; 鉻黃)	7758-97-6	Non-use
26	Lead chromate molybdate sulfate red (鉬鉻紅; C. I. 顏料紅 104)	12656-85-8	Non-use
27	Lead sulfochromate yellow (鉻酸鉛; C. I. 顏料黃 34)	12656-85-8	Non-use
28	Acrylamide (丙烯酰胺)	79-06-1	Non-use
29	Sodium chromate (鉻酸鈉)	79-06-1	Non-use
30	Ammonium dichromate (重鉻酸銨)	7789-09-5	Non-use
31	Potassium dichromate (重鉻酸鉀)	7778-50-9	Non-use
32	Potassium chromate (鉻酸鉀)	7789-00-6	Non-use
33	Boric acid (硼酸)	10043-35-3; 11113-50-1	Non-use
34	Disodium tetraborate, anhydrous (無水四硼酸二鈉)	1303-96-4; 1330-43-4; 12179-04-3	Non-use
35	Tetraboron disodium heptaoxide, hydrate (水合硼酸鈉)	12267-73-1	Non-use
36	Trichloroethylene (三氯乙烯)	79-01-6	Non-use
37	Cobalt(II) sulphate (硫酸鈷)	10124-43-3	Non-use
38	Cobalt(II) dinitrate (硝酸鈷)	10141-05-6	Non-use
39	Cobalt(II) carbonate (碳酸鈷)	513-79-1	Non-use
40	Cobalt(II) diacetate (醋酸鈷)	513-79-1	Non-use
41	2-Methoxyethanol (乙二醇單甲醚)	109-86-4	Non-use
42	2-Ethoxyethanol (乙二醇單乙醚)	110-80-5	Non-use
43	Chromium trioxide (三氧化鉻)	1333-82-0	Non-use
44	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid (三氧化鉻產生的酸類及其齊聚物: 鉻酸、重鉻酸、鉻酸和重鉻酸的齊聚物)	7738-94-5; 13530-68-2; -	Non-use
45	45) 2-Ethoxyethyl acetate (乙二醇乙醚醋酸酯)	111-15-9	Non-use
46	Strontium chromate (鉻酸銣)	7789-06-2	Non-use
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (鄰苯二甲酸二(C7-11支鏈與直鏈)烷基酯)	68515-42-4	Non-use
48	Hydrazine (聯氨)	7803-57-8; 302-01-2	Non-use
49	1-methyl-2-pyrrolidone (N-甲基吡咯烷酮)	872-50-4	Non-use
50	1,2,3-Trichloropropane (1,2,3-三氯丙烷)	96-18-4	Non-use
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (鄰苯二甲酸二(C6-8支鏈與直鏈)烷基酯, 富 C7)	71888-89-6	Non-use
52	Dichromium tris(chromate) (鉻酸鉻)	24613-89-6	Non-use
53	Potassium hydroxyoctaoxodizincatedichromate (氫氧化鉻酸鋅鉀)	11103-86-9	Non-use

54	Pentazinc chromate octahydroxide (八氫氧化五鉻酸鋅)	49663-84-5	Non-use
55	Formaldehyde, oligomeric reaction product with aniline (technical MDA) (甲醛與苯胺的寡聚反應物)	25214-70-4	Non-use
56	Bis(2-methoxyethyl) phthalate (鄰苯二甲酸雙(2-甲氧基乙基)酯)	117-82-8	Non-use
57	2-Methoxyaniline; o-Anisidine (鄰甲氧基苯)	90-04-0	Non-use
58	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) (對特辛基苯酚/ 辛基酚)	140-66-9	Non-use
59	1,2-Dichloroethane (1,2-二氯乙烷)	107-06-2	Non-use
60	Bis(2-methoxyethyl) ether (雙(2-甲氧基乙基)醚)	111-96-6	Non-use
61	Arsenic acid (砷酸)	7778-39-4	Non-use
62	Calcium arsenate (砷酸鈣)	7778-44-1	Non-use
63	Trilead diarsenate (砷酸鉛)	3687-31-8	Non-use
64	N,N-dimethylacetamide (DMAC) (N,N-二甲基乙醯胺)	127-19-5	Non-use
65	2,2'-dichloro-4,4'-methylenedianiline (MOCA) (2,2'-二氯-4,4'-二氨基二苯基甲烷)	101-14-4	Non-use
66	Phenolphthalein (酚酞)	77-09-8	Non-use
67	Lead diazide (疊氮化鉛)	13424-46-9	Non-use
68	Lead styphnate (中性斯蒂酚酸鉛)	15245-44-0	Non-use
69	Lead dipicrate (苦味酸鉛)	6477-64-1	Non-use
70	Aluminosilicate, Refractory Ceramic Fibres oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges 矽酸鋁，耐火陶瓷纖維(主要成分濃度於可變範圍內)	Extracted from Index no. 650-017-00-8	Non-use
71	Zirconia Aluminosilicate, Refractory Ceramic Fibres oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges 鋁矽酸鋁，耐火陶瓷纖維(主要成分濃度於可變範圍內)	Extracted from Index no. 650-017-00-8	Non-use
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚(TEGDME)	112-49-2	Non-use
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether 1,2-乙二醇二甲醚 (EGDME)	110-71-4	Non-use
74	Diboron trioxide**三氧化二硼**	1303-86-2	Non-use
75	Formamide 甲酰胺	75-12-7	Non-use
76	Lead(II) bis(methanesulfonate) **甲基磺酸鉛 Lead(II) **	17570-76-2	Non-use
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) 1,3,5-三縮水甘油-S-三嗪三酮;異氰尿酸三縮水甘油酯	2451-62-9	Non-use
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 1,3,5-三(環氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立體異構體	59653-74-6	Non-use
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮 (米氏酮)	90-94-8	Non-use
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) 4,4'-(對二甲氨基)二苯基甲烷 (米氏鹼)	101-61-1	Non-use
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5)or Michler's base (EC No. 202-959-2)]	548-62-9	Non-use

	鹼性紫 3 (內含有≥ 0.1% 的米氏酮或米氏鹼)		
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5)or Michler's base (EC No. 202-959-2)] 鹼性藍 26 (內含有≥ 0.1% 的米氏酮或米氏鹼)	2580-56-5	Non-use
83	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5)or Michler's base (EC No. 202-959-2)] 溶劑藍 4(內含有≥ 0.1% 的米氏酮或米氏鹼)	6786-83-0	Non-use
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5)or Michler's base (EC No. 202-959-2)] α,α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇(內含有≥ 0.1% 的米氏酮或米氏鹼)	561-41-1	Non-use
85	Bis(pentabromophenyl) ether (DecaBDE) 十溴聯苯醚	1163-19-5	Non-use
86	Pentacosafuorotridecanoic acid 全氟十三酸	72629-94-8	Non-use
87	Tricosafuorododecanoic acid 全氟十二酸	307-55-1	Non-use
88	Henicosafuoroundecanoic acid 全氟十一酸	2058-94-8	Non-use
89	Heptacosafuorotetradecanoic acid 全氟十四酸	2058-94-8	Non-use
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	-	Non-use
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	-	Non-use
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) Diazene-1,2-dicarboxamide 偶氮[二]甲醯胺	123-77-3	Non-use
93	Cyclohexane-1,2-dicarboxylic anhydride (HHPA), ciscyclohexane- 1,2-dicarboxylic anhydride, transcyclohexane- 1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) 六氫苯二甲酸酐	85-42-7; 13149-00-3; 14166-21-3	Non-use
94	Hexahydromethylphthalic anhydride, 甲基六氫苯酐 Hexahydro-4-methylphthalic anhydride 4-甲基六氫苯酐 Hexahydro-1-methylphthalic anhydride 1-甲基六氫苯酐 Hexahydro-3-methylphthalic anhydride 3-甲基六氫苯酐	25550-51-0 19438-60-9 48122-14-1 57110-29-9	Non-use
95	Methoxy acetic acid 甲氧基乙酸	625-45-6	Non-use
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	Non-use
97	Diisopentylphthalate 鄰苯二甲酸二異戊酯	605-50-5	Non-use
98	N-pentyl-isopentylphthalate 鄰苯二甲酸正戊基異戊基酯	776297-69-9	Non-use
99	1,2-Diethoxyethane 乙二醇二乙醚	629-14-1	Non-use
100	N,N-dimethylformamide; dimethyl formamide N,N-二甲基甲醯胺	68-12-2	Non-use

101	Dibutyltin dichloride (DBTC) 二氯二丁基錫	68-12-2	Non-use
102	Acetic acid, lead salt, basic 城式醋酸鉛	51404-69-4	Non-use
103	Trilead bis(carbonate)dihydroxide (basic lead carbonate) 城式碳酸鉛	1319-46-6	Non-use
104	Lead oxide sulfate 城式硫酸鉛	12036-76-9	Non-use
105	[Phthalato(2-)]dioxotrilead [1,2-苯二羧酸根合]二氧化三鉛	69011-06-9	Non-use
106	Dioxobis(stearato)trilead 雙(十八酸基)二氧代三鉛	12578-12-0	Non-use
107	Fatty acids, C16-18, lead salts C16-18-脂肪酸鉛鹽	91031-62-8	Non-use
108	Lead cyanamidate 氨基氰鉛鹽	20837-86-9	Non-use
109	Lead dinitrate 硝酸鉛	10099-74-8	Non-use
110	Lead oxide (lead monoxide) 氧化鉛	1317-36-8	Non-use
111	Lead tetroxide (orange lead) 四氧化鉛	1314-41-6	Non-use
112	Pentalead tetraoxide sulphate 氧化鉛與硫酸鉛的複合物	12065-90-6	Non-use
113	Silicic acid, lead salt 矽酸鉛	11120-22-2	Non-use
114	Sulfurous acid, lead salt, dibasic 亞硫酸鉛 (II)	62229-08-7	Non-use
115	Tetraethyllead 四乙基鉛	78-00-2	Non-use
116	Tetralead trioxide sulphate 三鹼式硫酸鉛/ C.I. 顏料白	12202-17-4	Non-use
117	Lead bis(tetrafluoroborate) 四氟硼酸鉛(II)	13814-96-5	Non-use
118	Lead titanium trioxide 鈦酸鉛	12060-00-3	Non-use
119	Lead Titanium Zirconium Oxide 鈦酸鉛鋯	12626-81-2	Non-use
120	Pyrochlore, antimony lead yellow C.I. 顏料黃41	8012-00-8	Non-use
121	Trilead dioxide phosphonate 磷酸氧化鉛	12141-20-7	Non-use
122	Silicic acid, barium salt, lead-doped 含鉛的矽酸鋇	68784-75-8	Non-use
123	Furan 呋喃	110-00-9	Non-use
124	Propylene oxide; 1,2-epoxypropane; methyloxirane 環氧丙烷	75-56-9	Non-use
125	Diethyl sulphate 硫酸二乙酯	64-67-5	Non-use
126	Dimethyl sulphate 硫酸二甲酯	77-78-1	Non-use
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	Non-use
128	Dinoseb 2-(1-甲基丙基)-4,6-二硝基苯酚	88-85-7	Non-use
129	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基聯苯基甲烷	838-88-0	Non-use
130	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	101-80-4	Non-use
131	4-Aminoazobenzene; 4-Phenylazoaniline 4-苯基偶氮基苯胺	60-09-3	Non-use
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine) 2,4-二氨基甲苯	95-80-7	Non-use
133	6-methoxy-m-toluidine (p-cresidine) 3-甲基-6-甲氧基苯胺	120-71-8	Non-use
134	Biphenyl-4-ylamine 4-胺基聯苯	92-67-1	Non-use
135	o-aminoazotoluene 鄰氨基偶氮甲苯	97-56-3	Non-use
136	o-Toluidine; 2-Aminotoluene 鄰甲苯胺	95-53-4	Non-use
137	N-methylacetamide N-甲基乙醯胺	79-16-3	Non-use
138	1-bromopropane 正丙基溴	106-94-5	Non-use
139	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸	335-67-1	Non-use
140	Ammonium pentadecafluorooctanoate (APFO) 全氟辛酸銨	3825-26-1	Non-use
141	Cadmium oxide 氧化鎘	1306-19-0	Non-use
142	Cadmium 鎘	7440-43-9	Non-use
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	-	Non-use

	UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] 分支或線性的乙氧化壬基酚，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	Non-use
145	Cadmium sulphide 硫化鎘	1306-23-6	Non-use
146	Dihexyl phthalate 鄰苯二甲酸二己酯	84-75-3	Non-use
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	Non-use
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	Non-use
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol 亞乙基硫脲	96-45-7	Non-use
150	Lead di(acetate) 醋酸鉛	301-04-2	Non-use
151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	Non-use
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	Non-use
153	Cadmium chloride 氯化鎘	10108-64-2	Non-use
154	Sodium perborate; perboric acid, sodium salt 過硼酸鈉	-	Non-use
155	Sodium peroxometaborate 過氧偏硼酸鈉	7632-04-4	Non-use
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑(紫外線吸收劑328)	25973-55-1	Non-use
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-[2'-羥基-3',5'-二-叔-丁基苯基]-苯並三唑(紫外線吸收劑320)	3846-71-7	Non-use
158	Cadmium fluoride 氟化鎘	7790-79-6	Non-use
159	Cadmium sulphate 硫酸鎘	10124-36-4; 31119-53-6	Non-use
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-雙(2-乙基己基巯基乙酸酯)錫	15571-58-1	Non-use
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-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	-	Non-use
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(C6-10)烷基酯; 鄰苯二甲酸二己、二辛、二癸酯混合物; 鄰苯二甲酸二己酯≥ 0.3%	68515-51-5, 68648-93-1	Non-use
163	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 isomers of [1] and [2] or any combination thereof] 5-二級丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二氧環己烷[1], 5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二氧環己烷[2], [任何[1]和[2]或者其任意組合的單獨異構物或其任何組合]	-	Non-use

164	1,3-propanesultone 1,3-丙烷磺内酯	1120-71-4	Non-use
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(紫外線吸收劑UV-327)	3864-99-1	Non-use
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(3-仲-丁基-5-叔丁基-2-羥苯基)苯并三唑(紫外線吸收劑UV-350)	36437-37-3	Non-use
167	Nitrobenzene 硝基苯	98-95-3	Non-use
168	Perfluorononan-1-oic acid(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts 全氟壬酸	375-95-1; 21049-39-8; 4149-60-4	Non-use
169	Benzo[def]chrysene (Benzo[a]pyrene) 苯并(a)芘 Note: It is defined as Level 1 PAHs restricted substance 註:此物質為PAHs一級管制物質	50-32-8	Non-use
170	4,4'-isopropylidenediphenol (bisphenol A) (BPA) 雙酚A	80-05-7	Non-use
171	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同分異構體和所有含有線性或分支7個碳烷基鏈的UVCB物質	-	Non-use
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 十九氟癸酸及其鈉和銨鹽	3108-42-7 335-76-2 3830-45-3	Non-use
173	p-(1,1-dimethylpropyl)phenol = 4-tert-pentylphenol (PTAP) 對(1,1-二甲基丙基)苯酚	80-46-6	Non-use
174	Perfluorohexane-1-sulphonic acid and its salts 全氟己基磺酸及其鹽類	-	Non-use
175	Chrysene 屈	218-01-9	Non-use
176	Benz[a]anthracene 苯并[a]蒽	56-55-3	Non-use
177	Cadmium nitrate 硝酸鎘	10325-94-7	Non-use
178	Cadmium hydroxide 氫氧化鎘	21041-95-2	Non-use
179	Cadmium carbonate 碳酸鎘	513-78-0	Non-use
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof] 十氯三環十八碳二烯 (包含任何順式與反式同分異構物或其他組成)	-	Non-use
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-噻二唑-2,5-二巰酮、甲醛與支鍊和直鍊4-庚基苯酚的反應產物 (含有支鍊和直鍊4-庚基苯酚重量比大於或等於0.1%)	-	Non-use
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) 1,2,4-苯三酸酐(偏苯三酸酐, TMA)	552-30-7	Non-use
183	Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯(DCHP)	84-61-7	Non-use
184	Disodium octaborate	12008-41-2	Non-use

	八硼酸二鈉		
185	Dodecamethylcyclohexasiloxane(D6) 十二甲基環六矽氧烷	540-97-6	Non-use
186	Ethylenediamine(EDA) 乙二胺	107-15-3	Non-use
187	Lead 鉛	7439—92-1	Non-use
188	Octamethylcyclotetrasiloxane(D4) 八甲基環四矽氧烷	556-67-2	Non-use
189	Terphenyl, hydrogenated 氫化三聯苯	61788-32-7	Non-use
190	Dicyclohexyl phthalate(DCHP) 鄰苯二甲酸二環己酯	84-61-7	Non-use
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride(trimellitic anhydride; TMA) 偏苯三酸酐(TMA)	552-30-7	Non-use
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 2,2-雙(4'-羥基苯基)-4-甲基戊烷	6807-17-6	Non-use
193	Benzo[k]fluoranthene 苯并[k]芘	207-08-9	Non-use
194	Fluoranthene 芘	206-44-0	Non-use
195	Phenanthrene 菲	85-01-8	Non-use
196	Pyrene 芘	129-00-0	Non-use
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one(3-benzylidenecamphor) 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	Non-use
198	Tris(4-nonylphenyl,branched and linear)phosphite(TNPP)with≥0.1% w/w of 4-nonylphenol,branched and linear (4-NP) 三(4-壬基苯基,支鏈和直鏈)亞磷酸酯,其中 4-壬基苯基(支鏈和直鏈)含量 ≥0.1%(w/w)	-	Non-use
199	4-tert-butylphenol 4-叔丁基苯酚	98-54-4	Non-use
200	2-methoxyethyl acetate 2-甲氧基乙酸乙酯	110-49-6	Non-use
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides 2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其鹽和酰基鹵化物(包括單體和組合)	-	Non-use
202	Perfluorobutanesulfonicacid(PFBS)anditssalts 全氟丁烷磺酸(PFBS)及其鹽	-	Non-use
203	Diisohexylphthalate	71850-09-4	Non-use

	鄰苯二甲酸二異己酯(DIHxP)		
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 2-甲基-1-(4-甲硫基苯基)-2-嗎啉基-1-丙酮	71868-09-4	Non-use
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲基氨基-4'-嗎啉基苯基丁酮	119313-12-1	Non-use
206	1-vinylimidazole 1-乙烯基咪唑	1072-63-5	Non-use
207	2-methylimidazole 2-甲基咪唑	693-98-1	Non-use
208	Dibutylbis(pentane-2,4-dionato-O,O')tin 二丁基雙(2,4-戊二酸根合-O,O') 錫	22679-19-4	Non-use
209	Butyl 4-hydroxybenzate 4-羥基苯甲酸丁酯	94-26-8	Non-use
210	bis(2-(2-methoxyethoxy)ethyl)ether 雙(2-(2-甲氧基乙氧基)乙基)醚	143-24-8	Non-use
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	-	Non-use
212	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) 對十二烷基苯酚及其異構體： Phenol, 4-dodecyl, branched 4-isododecylphenol Phenol, 4-isododecyl Phenol, dodecyl-, branched Phenol, (tetrapropenyl) derivatives Phenol, tetrapropylene	210555-94-5 27459-10-5 27147-75-7 121158-58-5 74499-35-7 57427-55-1	Non-use
213	Orthoboric acid, sodium salt 原硼酸鈉鹽 boric acid (H3BO3), sodium salt, hydrate Boric acid (H3BO3), disodium salt Trisodium orthoborate Boric acid, sodium salt Orthoboric acid, sodium salt Boric acid (H3BO3), sodium salt (1:1)	25747-83-5 22454-04-2 14312-40-4 1333-73-9 13840-56-7 14890-53-0	Non-use
214	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 (MCCP) (UVCB 物質：由含≥80%的碳鏈長度 C14 至 C17 之間的直鏈氯化烷烴組成) Alkanes, C14-16, chloro C14-16 氯化烷烴 Alkanes, C14-17, chloro C14-17 氯化烷烴 di-, tri- and tetrachlorotetradecane Tetradecane, chloro derivs	1372804-76-6 85535-85-9 950-299-5(EC#) 198840-65-2	Non-use
215	Glutaral 戊二醛	111-30-8	Non-use

216	4,4'-(1-methylpropylidene) bisphenol (bisphenol B) 2,2-双(4-羟基苯基)丁烷 (双酚 B)	77-40-7	Non-use
217	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 铃兰醛及其异构体 (2R)-3-(4-tert-butylphenyl)-2-methylpropanal 2-(4-tert-butylbenzyl)propionaldehyde (2S)-3-(4-tert-butylphenyl)-2-methylpropanal	75166-31-3 80-54-6 75166-30-2	Non-use
218	2,2-bis(bromomethyl)propane 1,3-diol (BMP) 二溴新戊二醇 2,2-dimethylpropan-1-ol, tribromo derivative 三溴新戊醇 3-bromo-2,2-bis(bromomethyl)-1-propanol(TBNPA) 三溴新戊醇 2,3-dibromo-1-propanol (2,3-DBPA) 2,3-二溴-1-丙醇	3296-90-0 36483-57-5 1522-92-5 96-13-9	Non-use
219	1,4-dioxane 1,4-二氧六环 (二恶烷)	123-91-1	Non-use
220	DBMC (6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol) 6,6'-二叔丁基-2,2'-亚甲基双对苯甲酚	119-47-1	Non-use
221	tris(2-methoxyethoxy)vinylsilane 乙烯基-三(2-甲氧基乙氧基)矽烷	1067-53-4	Non-use
222	(±)-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)亚甲基]二环[2.2.1]庚烷-2-酮, 包括各个异构体和/或其组合 (4-MBC)	1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9 852541-30-1 852541-21-0	Non-use
223	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 S-(三環[5.2.1.02,6]癸-3-烯-8(或 9)-基) O-(異丙基或異丁基或 2-乙基己基) O-(異丙基或異丁基或 2-乙基己基)二硫代磷酸酯	255881-94-8	Non-use
224	N-(hydroxymethyl)acrylamide N-(羟甲基)丙烯酰胺	924-42-5	Non-use
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] 1,2-二(2,4,6-三溴苯氧基)乙烷	37853-59-1	Non-use
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 四溴双酚 A	79-94-7	Non-use
227	4,4'-sulphonyldiphenol 双酚 S	80--09-1	Non-use
228	Barium diboron tetraoxide 偏硼酸钡	13701-59-2	Non-use
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 3,4,5,6-四溴-1,2-苯二羧酸双(2-乙基己基)酯, 包括包括任何单独的异构体和/或其组合	-	Non-use
230	Isobutyl 4-hydroxybenzoate 4-羟基苯甲酸 2-甲基丙酯	4247--02-3	Non-use
231	Melamine 三聚氰胺	108-78-1	Non-use
232	Perfluoroheptanoic acid and its salts 全氟庚酸及其盐	-	Non-use
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)吗啉和 2,2,3,3,5,5,6,6-	-	Non-use

	八氟烷-4-(七氟丙基)吗啉的反应物料		
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	Non-use
235	Bis(4-chlorophenyl) sulphone	80-07-9	Non-use
236	2,4,6-三叔丁基苯酚 2,4,6-tri-tert-butylphenol	732-26-3	Non-use
237	2-[2-羟基-5-1 (1, 1, 3, 3-四甲丁基) 苯基]苯并三唑 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	Non-use
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	Non-use
239	苯并三唑 (UV326) Bumetrizole (UV-326)	3896-11-5	Non-use
240	2-苯基丙烯与苯酚的低聚和烷基化反应产物 Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC No.: 270-966-8 CAS No.: 68512-30-1		Non-use
241	过氧化二异丙苯 Bis(α,α-dimethylbenzyl) peroxide	201-279-3	Non-use

Remarks :

- (i) "Not Use" means such specific SVHC is not intentionally added in the Products by Ralink. (SVHC < 0.1%wt)
- (ii) Notwithstanding anything contained herein to the contrary, the Products are basically in compliance with the statement made in this Declaration except for the residues, or impurities arising from the production, manufacturing, or testing process, or from reasons beyond AzurWave's reasonable control.
- (iii) Our WiFi products covered by this Declaration are basically free from the restricted substances listed here above, except for the residues, or impurities arising from the production, manufacturing, or testing process, or from reasons beyond AzurWave's reasonable control.

Company Authorized Representative: 程建中

Title: Chairman



