

不使用有害物質、無鹵素產品及 REACH 高度關注物質宣告書

Declaration for the Non-Use of Hazardous Substances, Halogen & SVHC for REACH

本公司_____特此聲明並保證，交付至祥碩科技股份有限公司之所有產品（包括原物料、零件、組裝件、成品、包裝材料及其他設計、生產過程、服務及重工中所使用之間接材料等），均符合下列 RoHS、PFOS、PFOA、Halogen Free 及 REACH SVHC 管制項目要求。

本公司並應於祥碩科技股份有限公司要求時，提供上述產品之零件成分表、經 ISO 17025 或其他同等級標準認證之第三公正單位所做成之測試報告、物質安全資料表與其他相關文件。若本公司產品未能符合下列規定時，本公司願為祥碩科技股份有限公司因此所受之直接損害負相關賠償及法律責任。若祥碩科技股份有限公司更新下列物質含量標準時，以重新簽定之更新版本宣告書為準。

本宣告書是以中文作成，英文版本僅提供參考之用。如中英文版本有任何不一致者，以中文為準。

We, _____, hereby represent and warrant that all product, including their raw materials, components, assembly parts, packaging materials, finished products as well as those indirect materials used in the designing, manufacturing process, servicing, and reworking supplied by us to ASMedia Technology Inc., shall comply with all standards of hazardous substances including RoHS, PFOS, PFOA, Halogen Free and REACH SVHC listed below. ASMedia will provide updated declaration once any updates to standards of hazardous substances on below table, and substitute the previous version.

Upon request by ASMedia Technology Inc., we shall provide composition table, test report made by third party, accredited with the minimum applicable ISO 17025 or other equivalent standards, Material Safety Data Sheet (MSDS) or relevant data of above product(s). We shall be fully liable for non-compliance with all requirements and regulations listed below.

This declaration is made in Chinese language. English version is provided for reference only. Should any discrepancy exist between the two versions, the Chinese version shall prevail.

有害物質之標準 Standards for management of hazardous substances

● RoHS&PFOS&Halogen Free

類別 Classification	物質 Substance	最大允許含量 Max. allowable value(ppm)	依據 Standing on
重金屬 Heavy Metals	鉛 Pb	< 1000 ppm	RoHS
	鎘 Cd	< 100 ppm	
	汞 Hg	< 1000 ppm	
	六價鉻 Cr+6	< 1000 ppm	
有機溴化合物 Brominated organic compounds	多溴聯苯 PBB	< 1000 ppm	
	多溴二苯醚 PBDE	< 1000 ppm	
Nonmetallic Substances and Compounds	全氟辛烷磺酸 PFOS	< 1000 ppm	EU PFOS Directive
鹵素 Halogen	溴 Br	< 900 ppm	Halogen Free
	氯 Cl	< 900 ppm	
	溴 Br+ 氯 Cl	< 1500ppm	
鄰苯二甲基酯類 phthalates	鄰苯二甲酸二(2-乙基己基)酯 (DEHP)	< 1000ppm	RoHS
	鄰苯二甲酸丁酯苯甲酯 (BBP)	< 1000ppm	
	鄰苯二甲酸二丁酯 (DBP)	< 1000ppm	
	鄰苯二甲酸二異丁酯 (DIBP)	< 1000ppm	

● RoHS (包裝材料 packing material)

物質類別 Classification per Material and Substances	最大允許量 Max. allowable value(ppm)	依據 Standing on
鉛、鎘、汞、六價鉻 於包裝材料中之含量 Pb/Cd/Hg/Cr6+ content in all packaging material	總含量 < 100ppm Total less than 100ppm	RoHS

● Reach SVHC

項目 Item	物質 Substance	化學物質編號 CAS Number	最大允許含量 Max. allowable value(ppm)
1	鄰苯二甲酸二(2-乙基己基)酯 Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	<1000ppm
2	五氧化二砷 Diarsenic pentaoxide	1303-28-2	<1000ppm
3	六溴環十二烷 Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	<1000ppm
4	鄰苯二甲酸丁酯苯甲酯 Benzyl butyl phthalate (BBP)	85-68-7	<1000ppm
5	砷酸氫鉛 Lead hydrogen arsenate	7784-40-9	<1000ppm
6	短鏈氯化石蠟 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	<1000ppm
7	蒽 Anthracene	120-12-7	<1000ppm

8	三氧化二砷 Diarsenic trioxide	1327-53-3	<1000ppm
9	鄰苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	<1000ppm
10	三乙基砷酸酯 Triethyl arsenate	15606-95-8	<1000ppm
11	氧化三丁錫 Bis(tributyltin)oxide (TBTO)	56-35-9	<1000ppm
12	4,4'-二氨基二苯甲烷 4,4'-Diaminodiphenylmethane (MDA)	101-77-9	<1000ppm
13	5-叔丁基-2,4,6-三硝基間二甲苯 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	<1000ppm
14	重鉻酸鈉·二倍結晶水 Sodium dichromate	7789-12-0 10588-01-9	<1000ppm
15	蔥油,蔥糊 Anthracene oil, anthracene paste	90640-81-6	<1000ppm
16	鄰苯二甲酸二異丁酯 Diisobutyl phthalate (DIBP)	84-69-5	<1000ppm
17	蔥油,蔥糊,輕油 Anthracene oil, anthracene paste, distn. lights	91995-17-4	<1000ppm
18	黃色硫化鉻酸鉛 (C.I.黃色 34) Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	<1000ppm
19	煤瀝青,高溫 Pitch, coal tar, high temperature	65996-93-2	<1000ppm
20	氧化鋯矽酸鋁陶瓷耐火纖維 Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	<1000ppm
21	矽酸鋁陶瓷耐火纖維 Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	<1000ppm
22	蔥油 Anthracene oil	90640-80-5	<1000ppm
23	蔥油,蔥糊,蔥餾分離液 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	<1000ppm
24	三 2-(氯乙基)磷酸酯 Tris(2-chloroethyl)phosphate	115-96-8	<1000ppm
25	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	<1000ppm
26	蔥油,含蔥量少 Anthracene oil, anthracene-low	90640-82-7	<1000ppm
27	鉻酸鉛 Lead chromate	7758-97-6	<1000ppm
28	紅色鉬鉻酸鉛硫酸鹽 (C.I.紅色 104) Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	<1000ppm
29	丙烯醯胺 Acrylamide	79-06-1	<1000ppm

30	硼酸 Boric acid	10043-35-3 11113-50-1	<1000ppm
31	鉻酸鉀 Potassium chromate	7789-00-6	<1000ppm
32	鉻酸鈉 Sodium chromate	7775-11-3	<1000ppm
33	三氯乙烯 Trichloroethylene	79-01-6	<1000ppm
34	重鉻酸銨 Ammonium dichromate	7789-09-5	<1000ppm
35	重鉻酸鉀 Potassium dichromate	7778-50-9	<1000ppm
36	水合七氧四硼酸二鈉 Tetraboron disodium heptaoxide, hydrate	12267-73-1	<1000ppm
37	無水四硼酸二鈉 Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	<1000ppm
38	乙二醇乙醚 2-Ethoxyethanol	110-80-5	<1000ppm
39	硫酸鈷(二價) Cobalt(II) sulphate	10124-43-3	<1000ppm
40	硝酸鈷(二價) Cobalt(II) dinitrate	10141-05-6	<1000ppm
41	三氧化鉻 Chromium trioxide	1333-82-0	<1000ppm
42	乙二醇甲醚 2-Methoxyethanol	109-86-4	<1000ppm
43	醋酸鈷(二價) Cobalt(II) diacetate	71-48-7	<1000ppm
44	碳酸鈷(二價) Cobalt(II) carbonate	513-79-1	<1000ppm
45	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 Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid. Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	<1000ppm
46	鄰苯二甲酸二-C6-8-支鏈庚 酯 1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich (DIHP)	71888-89-6	<1000ppm
47	乙二醇乙醚醋酸酯 2-Ethoxyethyl acetate	111-15-9	<1000ppm
48	鉻酸鋇 Strontium chromate	7789-06-2	<1000ppm
49	聯胺或水合聯胺 Hydrazine	7803-57-8 302-01-2	<1000ppm
50	1-甲基吡咯烷酮 1-Methyl-2-pyrrolidone	872-50-4	<1000ppm
51	鄰苯二甲酸二(C7-11 支鏈與 直鏈)烷基酯 1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters (DHNUP)	68515-42-4	<1000ppm
52	1,2,3-三氯丙烷 1,2,3-Trichloropropane	96-18-4	<1000ppm
53	氯化鈷 Cobalt dichloride	7646-79-9	<1000ppm

54	鉻酸鉻 Dichromium tris(chromate)	24613-89-6	<1000ppm
55	酚酞 Phenolphthalein	77-09-8	<1000ppm
56	4,4'-亞甲雙(2-氯苯胺) 或稱 2,2'-二氯-4,4'-亞甲基二苯胺 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	<1000ppm
57	史蒂芬酸鉛 或稱 2,4,6-三硝基間苯二酚鉛 Lead styphnate	15245-44-0	<1000ppm
58	疊氮化鉛 Lead azide Lead diazide (兩者在官網是用", "分隔)	13424-46-9	<1000ppm
59	鄰苯二甲酸二(2-甲氧基乙)酯 Bis(2-methoxyethyl) phthalate	117-82-8	<1000ppm
60	甲醛與苯胺寡聚反應的產物 (工業級 MDA) Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	<1000ppm
61	4-三級辛基苯酚 4-(1,1,3,3-tetramethylbutyl)pheno	140-66-9	<1000ppm
62	鉻酸五錳八氫氧化物 Pentazinc chromate octahydroxide	49663-84-5	<1000ppm
63	1,2-二氯乙烷 1,2-dichloroethane	107-06-2	<1000ppm
64	砷酸鉛 Trilead diarsenate	3687-31-8	<1000ppm
65	鄰-甲氧苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	<1000ppm
66	砷酸 Arsenic acid	7778-39-4	<1000ppm
67	N,N-二甲基乙醯胺 N,N-dimethylacetamide (DMAC)	127-19-5	<1000ppm
68	二苦味酸鉛 Lead dipicrate	6477-64-1	<1000ppm
69	氫氧化鉻酸鋅鉀 Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	<1000ppm
70	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	<1000ppm
71	砷酸鈣 Calcium arsenate	7778-44-1	<1000ppm
72	三乙二醇二甲醚 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	<1000ppm
73	乙二醇二甲醚 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	<1000ppm
74	氧化硼 Diboron trioxide	1303-86-2	<1000ppm
75	甲醯胺 Formamide	75-12-7	<1000ppm
76	甲基磺酸鉛 Lead(II) bis(methanesulfonate)	17570-76-2	<1000ppm
77	異氰尿酸三縮水甘油酯 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9	<1000ppm
78	β型異氰尿酸三縮水甘油酯 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	<1000ppm
79	4,4'-二(N,N-二甲胺基)二苯基 酮 (米其勒酮) 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	<1000ppm
80	4,4'-亞甲基雙(N,N-二甲苯胺) (米其勒鹼) N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	<1000ppm

81	鹼性紫 3 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	<1000ppm
82	C.I. 鹼性藍 26 ([4-[[4-苯胺基-1-萘基][4-(二 甲基胺基)苯基]亞甲基]環己- 2,5-二烯-1-亞基]二甲基氯化銨 [4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]cyclo hexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	<1000ppm
83	C.I. 溶劑藍 4 α,α-雙[4-(二甲基胺基)苯基]- 4-(苯基胺基)-1-萘甲醇 α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1- methanol (C.I. Solvent Blue 4)	6786-83-0	<1000ppm
84	4,4'-雙(二甲基胺基)-4' '-(甲基胺基)三苯甲基醇 4,4'-bis(dimethylamino)-4''- (methylamino)trityl alcohol	561-41-1	<1000ppm
85	燒綠石銻鉛黃 Pyrochlore, antimony lead yellow	8012-00-8	<1000ppm
86	6-甲氧基-間-甲苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	<1000ppm
87	全氟十一酸 Henicosfluoroundecanoic acid	2058-94-8	<1000ppm
88	甲基六氫鄰苯二甲酐, 4-甲基 六氫鄰苯二甲酐, 1-甲基六氫 鄰苯二甲酐, 3-甲基六氫鄰苯二甲酐 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	<1000ppm
89	六氫鄰苯二甲酐 六氫酞酸酐 順 1,2-環己二甲酸酐 Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)[1] cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2- dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and transomers [1] are covered by this entry]	85-42-7 13149-00-3, 14166-21-3	<1000ppm
90	二氯化二丁錫 Dibutyltin dichloride (DBTC)	683-18-1	<1000ppm
91	二(四氟硼酸)鉛 Lead bis(tetrafluoroborate)	13814-96-5	<1000ppm
92	硝酸鉛 Lead dinitrate	10099-74-8	<1000ppm
93	矽酸鉛 Silicic acid, lead salt	11120-22-2	<1000ppm
94	4-胺基偶氮苯 4-Aminoazobenzene	60-09-3	<1000ppm
95	銻鈦鉛氧化物 Lead titanium zirconium oxide	12626-81-2	<1000ppm
96	一氧化鉛 Lead monoxide (lead oxide)	1317-36-8	<1000ppm
97	鄰-甲苯胺 o-Toluidine	95-53-4	<1000ppm
98	3-乙基-2-甲基-2-(3-甲丁基)- 1,3-【口罈】啞 3-ethyl-2-methyl-2-(3-methylbutyl)- 1,3-oxazolidine	143860-04-2	<1000ppm
99	摻雜鉛的矽酸鋇 Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082- 001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	<1000ppm
100	鹼式碳酸鉛 Trilead bis(carbonate)dihydroxide	1319-46-6	<1000ppm
101	呋喃 Furan	110-00-9	<1000ppm

102	二甲基甲醯胺 N,N-dimethylformamide	68-12-2	<1000ppm
103	乙氧化 4-(1,1,3,3-四甲基丁基)苯酚 涵蓋明確定義物質及 UVCB 物質、聚合物及同系物 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	<1000ppm
104	支鏈和直鏈-4-壬基酚, 有烷基直鏈及/或支鏈以 9 個碳共價於酚的對位, 含蓋所有由單一或多種異構物組合的明確定義物質及 UVCB 物質 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]	-	<1000ppm
105	4,4'-亞甲基二-鄰-甲苯胺 4,4'-methylenedi-o-toluidine	838-88-0	<1000ppm
106	硫酸二乙酯 Diethyl sulphate	64-67-5	<1000ppm
107	硫酸二甲酯 Dimethyl sulphate	77-78-1	<1000ppm
108	鹼式硫酸鉛 Lead oxide sulfate	12036-76-9	<1000ppm
109	鈦酸鉛(II) Lead titanium trioxide	12060-00-3	<1000ppm
110	鹼式乙酸鉛 Acetic acid, lead salt, basic	51404-69-4	<1000ppm
111	二鹼式鄰苯二甲酸鉛 [Phthalato(2-)]dioxotrilead	69011-06-9	<1000ppm
112	十溴二苯醚 Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	<1000ppm
113	N-甲基乙醯胺 N-methylacetamide	79-16-3	<1000ppm
114	達諾殺 Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	<1000ppm
115	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	<1000ppm
116	三鹼式硫酸鉛 Tetralead trioxide sulphate	12202-17-4	<1000ppm
117	鄰苯二甲酸正戊基異戊基酯 N-pentyl -isopentylphthalate	776297-69-9	<1000ppm
118	雙(十八酸基)二氧三鉛 Dioxobis(stearato)trilead	12578-12-0	<1000ppm
119	四乙基鉛 Tetraethyllead	78-00-2	<1000ppm
120	硫酸四氧化五鉛 Pentalead tetraoxide sulphate	12065-90-6	<1000ppm
121	全氟十三酸 Pentacosfluorotridecanoic acid	72629-94-8	<1000ppm
122	全氟十二酸 Tricosfluorododecanoic acid	307-55-1	<1000ppm
123	全氟十四酸 Heptacosfluorotetradecanoic acid	376-06-7	<1000ppm
124	1-溴丙烷 1-bromopropane (n-propyl bromide)	106-94-5	<1000ppm
125	甲氧基乙酸 Methoxyacetic acid	625-45-6	<1000ppm
126	4-甲基-間-苯二胺 (2,4-二胺基甲苯) 4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	<1000ppm
127	環氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	<1000ppm

128	二鹼式亞磷酸鉛 Trilead dioxide phosphonate	12141-20-7	<1000ppm
129	鄰-胺基偶氮甲苯 o-aminoazotoluene	97-56-3	<1000ppm
130	支鏈和直鏈 1,2-苯二甲酸二戊 酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	<1000ppm
131	4,4'-氧二苯胺及其鹽類 4,4'-oxydianiline and its salts	101-80-4	<1000ppm
132	四氧化三鉛(鉛丹) orange lead (Lead tetroxide)	1314-41-6	<1000ppm
133	4-胺基聯苯 Biphenyl-4-ylamine	92-67-1	<1000ppm
134	鄰苯二甲酸二異戊酯 Diisopentylphthalate	605-50-5	<1000ppm
135	C16-18-脂肪酸鉛鹽 Fatty acids, C16-18, lead salts	91031-62-8	<1000ppm
136	1,1'-偶氮雙甲酰胺 Diazene-1,2-dicarboxamide (C,C'- azodi(formamide))	123-77-3	<1000ppm
137	亞硫酸鉛 Sulfurous acid, lead salt, dibasic	62229-08-7	<1000ppm
138	氰胺化鉛 Lead cyanamidate	20837-86-9	<1000ppm
139	鎘 Cadmium	7440-43-9	<1000ppm
140	氧化鎘 Cadmium oxide	1306-19-0	<1000ppm
141	全氟辛酸銨 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	<1000ppm
142	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	<1000ppm
143	鄰苯二甲酸二戊酯 Dipentyl phthalate (DPP)	131-18-0	<1000ppm
144	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 同分異構物 and 所有含有線性或 分支 9 個碳烷基鏈的 UVCB 物質 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]	-	<1000ppm
145	硫化鎘 Cadmium sulphide	1306-23-6	<1000ppm
146	磷苯二甲酸二己酯 Dihexyl phthalate	84-75-3	<1000ppm
147	直接紅 28 Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphate) (C.I. Direct Red 28)	573-58-0	<1000ppm
148	直接黑 38 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)	1937-37-7	<1000ppm
149	伸乙硫脲 (咪唑啉-2-硫酮) Imidazolidine-2-thione; 2-imidazoline- 2-thiol	96-45-7	<1000ppm
150	醋酸鉛 Lead di(acetate)	301-04-2	<1000ppm
151	磷酸三(二甲苯)酯 Trixylyl phosphate	25155-23-1	<1000ppm
152	氯化鎘 Cadmium chloride	10108-64-2	<1000ppm

153	支鏈和直鏈的 1,2-苯二甲酸二己酯 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	<1000ppm
154	過硼酸鈉 Sodium peroxometaborate	7632-04-4	<1000ppm
155	過硼酸鈉 Sodium perborate; perboric acid, sodium salt	-	<1000ppm
156	氟化鎘 Cadmium fluoride	7790-79-6	<1000ppm
157	硫酸鎘 Cadmium sulphate	10124-36-4,31119-53-6	<1000ppm
158	2-苯并三唑-2-基-4,6-二-三級丁基苯酚 (UV-320) 2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	<1000ppm
159	2-(2H-苯并三唑-2-基)-4,6-二級戊基苯酚 (UV-328) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	<1000ppm
160	10-乙基-4,4-二辛基-7-側氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基己酯(DOTE) 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	<1000ppm
161	10-乙基-4,4-二辛基-7-氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基己酯和 10-乙基-4-[[2-[(2-乙基己基)氧]-2-氧乙基]硫代]-4-辛基-7-氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基己酯的反應產物 (DOTE 和 MOTE 的反應產物) 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)	-	<1000ppm
162	1,2-苯二甲酸二 C6-10 烷基酯; 1,2-苯二甲酸混合癸與己和辛二酯, 包含≥0.3%的鄰苯二甲酸二己酯(DNHP, EC No. 201-559-5, CAS No. 84-75-3) 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 (EC No. 201-559-5)	68515-51-5 68648-93-1	<1000ppm
163	包含以下[1]與[2]之所有單獨立體異構物與其組成。 [1]5-二級丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二【口罈】【口柬】 [2]5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二【口罈】【口柬】 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]	-	<1000ppm
164	硝苯 Nitrobenzene	98-95-3	<1000ppm
165	2,4-二級丁基-6-(5-氯苯三唑-2-基)苯酚 (UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	<1000ppm
166	2-(2H-苯并三唑-2-基)-4-三級丁基-6-二級丁基苯酚 (UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	<1000ppm
167	1,3-丙磺內酯 1,3-propanesultone	1120-71-4	<1000ppm
168	全氟壬酸及其鈉與銨鹽 Perfluorononan-1-oic-acid and its sodium and ammonium salt	375-95-1	<1000ppm
169	苯并[a]芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	<1000ppm
170	雙酚 A 4,4'-isopropylidenediphenol	80-05-7	<1000ppm
171	支鏈與直鏈 4-庚基苯酚 烷基直鏈及/或支鏈以 7 個碳共價於酚的對位, 含蓋所有由單一或多種異構物組合的明確定義物質及 UVCB 物質 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	-	<1000ppm
172	全氟癸酸, 及其鈉與銨鹽 全氟癸酸銨 全氟癸酸鈉 Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	335-76-2 3108-42-7 3830-45-3	<1000ppm

173	對-(1,1-二甲基丙基)苯酚 p-(1,1-dimethylpropyl)phenol	80-46-6	<1000ppm
174	全氟己-1-磺酸及其鹽類 Perfluorohexane-1-sulphonic acid and its salts	-	<1000ppm
175	1,2-苯并菲 Chrysene	218-01-9	<1000ppm
176	苯[a]蔥 Benz[a]anthracene	56-55-3	<1000ppm
177	硝酸鎘 Cadmium nitrate	10325-94-7	<1000ppm
178	氫氧化鎘 Cadmium hydroxide	21041-95-2	<1000ppm
179	碳酸鎘 Cadmium carbonate	513-78-0	<1000ppm
180	1,6,7,8,9,14,15,16,17,17,18, 18-十二氯五環 [12.2.1.16,9.02,13.05,10]十 八碳-7,15-二烯 ("Dechlorane Plus"™) [含有其任何單獨的反式和順 式異構體或其任何組合] 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]	-	<1000ppm
181	1,3,4-噻二唑-2,5-二硫醇與 甲醛和支鏈和直鏈 4-庚基酚 的反應產物(RP-HP) [含有 ≥0.1 %w/w 支鏈和直鏈的 4- 庚基酚] 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]	-	<1000ppm
182	1,2,4-苯三甲酸酐 Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride; TMA)	552-30-7	<1000ppm
183	苯并[g,h,i]芘 Benzo[ghi]perylene	191-24-2	<1000ppm
184	十甲基環五矽氧烷 Decamethylcyclopentasiloxane (D5)	541-02-6	<1000ppm
185	鄰苯二甲酸二環己酯 Dicyclohexyl phthalate (DCHP)	84-61-7	<1000ppm
186	八硼酸二鈉 Disodium octaborate	12008-41-2	<1000ppm
187	十二甲基環六矽氧烷 Dodecamethylcyclohexasiloxane (D6)	540-97-6	<1000ppm
188	乙二胺 Ethylenediamine (EDA)	107-15-3	<1000ppm
189	鉛 Lead	7439-92-1	<1000ppm
190	八甲基環四矽氧烷 Octamethylcyclotetrasiloxane (D4)	556-67-2	<1000ppm
191	氫化聯三苯 Terphenyl, hydrogenated	61788-32-7	<1000ppm
192	2,2-雙(4'-羥苯基)-4-甲基戊烷 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	<1000ppm
193	苯并[k]1,2-苯并芘 Benzo[k]fluoranthene	207-08-9	<1000ppm
194	1,2-苯并芘 Fluoranthene	206-44-0	<1000ppm
195	菲 Phenanthrene	85-01-8	<1000ppm
196	芘 Pyrene	129-00-0	<1000ppm
197	1,7,7-三甲基-3-(苯亞甲基)雙環[2.2.1]庚-2-酮 (3-亞苄基樟腦) 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3- benzylidene camphor)	15087-24-8	<1000ppm

198	參(支鍊和直鍊 4-壬基苯基)亞磷酸酯(TNPP) , 含有 $\geq 0.1\%$ w/w 的支鍊和直鍊 4-壬基酚(4-NP) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	<1000ppm
199	4-三級丁酚 4-tert-butylphenol	98-54-4	<1000ppm
200	乙酸 2-甲氧基乙酯 2-methoxyethyl acetate	110-49-6	<1000ppm
201	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸、其鹽類及其酰基鹵化物(包含其各自的異構體及其組合) 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides. covering any of their individual isomers and combinations thereof.	-	<1000ppm
202	Diisohexyl phthalate 鄰苯二甲酸二異己酯	71850-09-4	<1000ppm
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲胺基-4'-【口末】 哞丁醯苯	119313-12-1	<1000ppm
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 2-甲基-1-(4-甲基硫苯基)-2【口末】 哞丙-1-酮	71868-10-5	<1000ppm
205	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸及其鹽類	-	<1000ppm
206	1-乙炔基咪唑 1-vinylimidazole	1072-63-5	<1000ppm
207	2-甲基咪唑 2-methylimidazole	693-98-1	<1000ppm
208	4-羥基苯甲酸丁酯 butyl 4-hydroxybenzoate	94-26-8	<1000ppm
209	二丁基雙(2,4-戊二酮基)錫 Dibutylbis(pentane-2,4-dionatoO,O')tin	22673-19-4	<1000ppm
210	雙(2-(2-甲氧基乙氧基)乙基)醚 Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	<1000ppm
211	二月桂酸二辛基錫; 二辛基錫烷雙(椰油醯氧基)衍生物; 以及任何其他二辛基-錫烷雙(椰油醯氧基)衍生物且脂肪醯 氧基部分的主要碳數為 C12 二月桂酸二辛基錫; 二辛基錫烷雙(椰油醯氧基)衍生物 二辛基-錫烷雙(椰油醯氧基)衍生物 二月桂酸二辛基錫 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 dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. Stannane, dioctyl-, bis(coco acyloxy) derivs. Diocetyl tin dilaurate	- - 91648-39-4 3648-18-8	<1000ppm
212	1,4-二【口罈】烷 (1,4-二氧陸園) 1,4-dioxane	123-91-1	<1000ppm
213	2,2-雙(溴甲基)-1,3-丙二醇(BMP) 2,2-二甲基丙醇,三溴衍 生物/3-溴-2,2-雙(溴甲 基)-1-丙醇(TBNPA) 2,3-二溴-1-丙醇(2,3- DBPA) 2,2-bis(bromomethyl)propane 1,3- diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2- bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3- DBPA)	3296-90-0 36483-57-5/15 22-92-5 96-13-9	<1000ppm
214	2-(4-三級丁基苄基)丙醛及其獨立體異構物 2-(4-tertbutylbenzyl)propionaldehyde and its individual stereoisomers: (2R)-3-(4-tert-butylphenyl)-2- methylpropanal 2-(4-tertbutylbenzyl)propionaldehyde (2S)-3-(4-tert-butylphenyl)-2- methylpropanal	75166-31-3 80-54-6 75166-30-2	<1000ppm

215	4,4'-(1-甲基亞丙基)雙酚 (雙酚 B) 4,4'-(1-methylpropylidene)bisphenol	77-40-7	<1000ppm
216	戊二醛 glutaral	111-30-8	<1000ppm
217	中鏈氯化石蠟(MCCP) [UVCB 物質，由大於或等於 80%直鏈氯化烷烴組成，其碳鏈長度範圍在C14至C17之間] 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	-	<1000ppm
218	硼酸鈉鹽 orthoboric acid, sodium salt: 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	<1000ppm
219	由寡聚合反應形成具有主要C12支鏈烷基酚的烷基化(主要在對位)產物，包括任何獨立同分異構物及/或相關組合(PDDP) Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP): 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	<1000ppm
220	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]庚烷-2-酮，包括任何獨立異構物 及/或其組合 (4-MBC) (±)-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)	1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9 852541-30-1 852541-21-0	<1000ppm
221	6,6'雙-三級-丁基-2,2'-亞甲基雙對甲酚 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	<1000ppm
222	硫代磷酸 S-(三環 [5.2.1.0'2,6]-3-癸烯-8(或 9)-基酯 O-(異丙酯或異丁酯 或 2-乙基己酯)O-(異丙酯或 異丁酯或 2-乙基己酯) 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	255881-94-8	<1000ppm
223	三(2-甲氧基乙氧基)乙烯基 矽烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	<1000ppm
224	N-(羥甲基)丙烯醯胺 N-(hydroxymethyl)acrylamide	924-42-5	<1000ppm
225	1,1'-(乙烷-1,2-二基雙氧基) 雙[2,4,6-三溴苯] 1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]	37853-59-1	<1000ppm
226	2,2',6,6'-四溴-4,4'-異亞丙基二苯酚 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	<1000ppm
227	4,4'-磺醯基二苯酚 4,4'-sulphonyldiphenol	80-09-1	<1000ppm
228	四氧化二硼 Barium diboron tetraoxide	13701-59-2	<1000ppm

229	雙(2-乙基己基)四溴鄰苯二甲酸酯，包括任何單個異構體和/或其組合： 四溴鄰苯二甲酸雙(2-乙基己酯) bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof: Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	<1000ppm
230	4-羥基苯甲酸異丁酯 Isobutyl 4-hydroxybenzoate	4247-02-3	<1000ppm
231	三聚氰胺 Melamine	108-78-1	<1000ppm
232	全氟庚酸及其鹽類 Perfluoroheptanoic acid and its salts: Sodium perfluoroheptanoate; Perfluoroheptanoic acid; potassium perfluoroheptanoate; Ammonium perfluoroheptanoate	20109-59-5; 375-85-9; 21049-36-5; 6130-43-4	<1000ppm
233	2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙-2-基) 【口末】啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙基) 【口末】啉的反應物 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 ,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	<1000ppm
234	二苯基(2,4,6-三甲基苯甲醯基)膦氧化物 Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	<1000ppm
235	雙(4-氯苯基)磺 bis(4-chlorophenyl) sulphone	80-07-9	<1000ppm
236	2-苯基丙烯與苯酚的低聚和烷基化反應產物 Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	<1000ppm
237	2-(5-氯-2H-苯三唑-2-基)-6-(1,1-二甲基乙基)-4-甲基苯酚 (UV-326) Bumetrizole (UV-326)	3896-11-5	<1000ppm
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one 2-(4-甲基苄基)-2-(二甲基氨基)-1-(4-嗎啉苄基)-1-丁酮	119344-86-4	<1000ppm
239	2-[2-羥基-5-(1,1,3,3-四甲丁基)苯基]苯並三唑 (UV-329) 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	<1000ppm
240	2,4,6-三叔丁基苯酚(2,4,6-TTBP) 2,4,6-Tri-tert-butylphenol	732-26-3	<1000ppm
241	過氧化二異丙苯 Bis(α,α-dimethylbenzyl) peroxide	80-43-3	<1000ppm
242	磷酸三苯酯 Triphenyl phosphate	115-86-6	<1000ppm

備註：中文名稱僅供參考，為確保物質辨識資訊正確性與即時性，請依 ECHA 網站公布之最新清單與辨識資訊為主。

日期 Date(yyyy/mm/dd)	
公司名稱 Company Name	
簽約代表人姓名 Company Representative	
單位負責人姓名 Unit Representative	
單位負責人電話 Unit Rep Tel	
單位負責人 e-mail Unit Rep email	
公司地址 Company Address	

(Company Seal/公司章)

Company Representative
Signature or Seal
/簽約代表人簽名或蓋章)