



Y-S Electronic Co., Ltd.

Dongguan ShenDong Electronic Co., Ltd.

## REACH-(SVHC) Declaration

Dear Valued Customers,

Our company warrants that none of the following chemical substances listed in REACH Declaration contained (or that the following stipulated substances are contained only below the applicable regulated values, as appropriate), in any existing or new products and/or parts. If there will be any product or packaging which may contain any of these substances in the future, we will inform immediately.

Specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

Code	Substance name	CAS No.	SVHC 物質含量	備注
1	Anthracene 蒽	120-12-7	<1000ppm	
2	4,4-Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	101-77-9	<1000ppm	
3	Dibutyl phthalate(DBP) 邻苯二甲酸二丁基酯	84-74-2	<1000ppm	
4	Benzyl butyl phthalate(BBP) 邻苯二甲酸丁苄酯	85-68-7	<1000ppm	
5	Cobalt dichloride 二氯化钴	7646-79-9	<1000ppm	
6	Diarsenic pentaoxide 五氧化二砷	1303-28-2	<1000ppm	
7	Diarsenic trioxide 三氧化二砷	1327-53-3	<1000ppm	
8	Sodium dichromate, dihydrate 重铬酸钠二水化合物	7789-12-0 10588-01-9	<1000ppm	
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	<1000ppm	
10	Bis (2-ethyl(hexyl)phthalate) (DEHP) 邻苯二甲酸二(2-乙基己)酯	117-81-7	<1000ppm	
11	Hexabromocyclododecane (HBCDD) 六溴环十二烷	25637-99-4 3194-55-6	<1000ppm	
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡	85535-84-8	<1000ppm	

13	Bis(tributyltin)oxide(TPTO) 三丁基氧化锡	56-35-9	<1000ppm	
14	Lead hydrogen arsenate 酸式砷酸铅	7784-40-9	<1000ppm	
15	Triethyl arsenate 三乙砷酸酯	15606-95-8	<1000ppm	
16	Anthracene oil 蒽油	90640-80-5	<1000ppm	
17	Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	91995-17-4	<1000ppm	
18	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分离液	91995-15-2	<1000ppm	
19	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	<1000ppm	
20	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	<1000ppm	
21	Coal tar pitch, high temperature 煤沥青, 高温	65996-93-2	<1000ppm	
22	Aluminosilicate, Refractory Ceramic Fibers 硅酸铝, 陶瓷耐火纤维	142844-00-6	<1000ppm	
23	Zirconia Aluminosilicate, Refractory Ceramic Fibers 硅酸铝氧化锆, 陶瓷耐火纤维			
24	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	<1000ppm	
25	Diisobutyl phthalate(DIBP) 邻苯二甲酸二异丁酯	84-69-5	<1000ppm	
26	Lead chromate 铬酸铅	7758-97-6	<1000ppm	
27	Lead chromate molybdate sulphate red(C. I. Pigment Red 104) 钼铬酸铅红 (C. I. 颜料红 104)	12656-85-8	<1000ppm	
28	Lead sulfochromate yellow(C. I. Pigment Yellow 34) 铬酸铅黄 (C. I. 颜料黄 34)	1344-37-2	<1000ppm	
29	Tris(2-chloroethyl)phosphate 磷 酸三(2-氯乙基)酯	115-96-80	<1000ppm	
30	丙烯酰胺*	79-06-1	<1000ppm	

	Acrylamide			
31	三氯乙烯 Trichloroethylene	79-01-6	<1000ppm	
32	硼酸 Boric acid	10043-35-3 11113-50-1	<1000ppm	
33	无水四硼酸钠 Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	<1000ppm	
34	七水合四硼酸钠 Tetraboron disodium heptaoxide, hydrate	12267-73-1	<1000ppm	
35	铬酸钠 Sodium chromate	7775-11-03	<1000ppm	
36	铬酸钾 Potassium chromate	7789-00-6	<1000ppm	
37	重铬酸铵 Ammonium dichromate	7789-09-5	<1000ppm	
38	重铬酸钾 Potassium dichromate	7778-50-9	<1000ppm	
39	硫酸钴(II) Cobalt(II) sulphate	10124-43-3	<1000ppm	
40	硝酸钴(II) Cobalt(II) dinitrate	10141-05-6	<1000ppm	
41	碳酸钴(II) Cobalt(II) carbonate	513-79-1	<1000ppm	
42	乙酸钴(II) Cobalt(II) diacetate	71-48-7	<1000ppm	
43	2-甲氧基乙醇 2-Methoxyethanol	109-86-4	<1000ppm	
44	2-乙氧基乙醇 2-Ethoxyethanol	110-80-5	<1000ppm	
45	三氧化铬 Chromium trioxide	1333-82-0	<1000ppm	
46	铬酸，重铬酸，铬酸及重铬酸低聚物 Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 -	<1000ppm	
47	乙二醇乙醚醋酸酯 2-ethoxyethyl acetate	111-15-9	<1000ppm	
48	铬酸锶 Strontium chromate	7789/6/2	<1000ppm	
49	邻苯二甲酸二(C7-11 支链与直链)烷 基酯 1,2-Benzenedicarboxylic acid,	68515-42-4	<1000ppm	

	di-C7-11-branched and linear alkyl esters (DHNUP)			
50	聯氮 Hydrazine	7803-57-8 302-01-2	<1000ppm	
51	1-甲基-2-吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	<1000ppm	
52	1, 2, 3-三氯丙烷 1, 2, 3-trichloropropane	96-18-4	<1000ppm	
53	邻苯二甲酸二(C6-8 支链与直链)烷基酯, 富 C7 1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	<1000ppm	
54	铬酸铬 Dichromiumtris(chromate)	24613-89-6	<1000ppm	
55	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	<1000ppm	
56	C. I. 顏料黃 36 Pentazinc chromate octahydroxide	49663-84-5	<1000ppm	
57	甲醛与苯胺的低聚物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	<1000ppm	
58	邻苯二甲酸二甲氧基乙酯 Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	<1000ppm	
59	邻甲氧基苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	<1000ppm	
60	对特辛基苯酚 4-(1, 1, 3, 3-Tetramethylbutyl)phenol; 4-tert-Octyl phenol	140-66-9	<1000ppm	
61	1, 2-二氯乙烷 1, 2-Dichloroethane	107-06-2	<1000ppm	
62	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	<1000ppm	
63	砷酸、原砷酸 Arsenic acid	7778-39-4	<1000ppm	
64	砷酸钙 Calcium arsenate	7778-44-1	<1000ppm	
65	砷酸铅 Trilead diarsenate	3687-31-8	<1000ppm	

66	N,N-二甲基乙酰胺 N,N-dimethylacetamide(DMAC)	127-19-5	<1000ppm	
67	4,4'-二氨基-3,3'二氯二苯甲烷 -2,2'-Dichloro-4,4'- methylenedianiline(MOCA)	101-14-4	<1000ppm	
68	酞酐 Phenolphthalein	77-09-8	<1000ppm	
69	叠氮化铅 Lead diazide, Leadazide	13424-46-9	<1000ppm	
70	三硝基苯二酚铅 Lead styphnate	15245-44-0	<1000ppm	
71	苦味酸铅 Lead dipicrate	6477-64-1	<1000ppm	
72	三乙二醇二甲醚 (TEGDME) 1,2-bis(2-methoxyethoxy)ethane	112-49-2	<1000ppm	
73	乙二醇二甲醚 (EGDME) 1,2-dimethoxyethane;ethylene glycol dimethyl ether	110-71-4	<1000ppm	
74	三氧化二硼 Diboron trioxide	1303-86-2	<1000ppm	
75	甲酰胺 Formamide	75-12-7	<1000ppm	
76	甲基磺酸铅 Lead(II)bis(methanesulfonate)*	17570-76-2	<1000ppm	
77	N,N,N',N'-四甲基-4,4'-二氨基二 苯甲烷 (米氏碱) N,N,N',N'-tetramethyl-4,4'-methy lenedianiline (Michler's base)	101-61-1	<1000ppm	
78	1,3,5-三(环氧乙基甲基)-1,3,5- 三嗪-2,4,6-(1H,3H,5H)-三酮 1,3,5-tris(oxiranylmethyl)-1,3,5- -triazine-2,4,6(1H,3H,5H)-trione	2451-62-9	<1000ppm	
79	C. I. 溶剂蓝 4 C. I. Solvent Blue 4	6786-83-0	<1000ppm	
80	1,3,5-三-[(2S和2R)-2,3-环氧 丙基]-1,3,5-三嗪-(1H,2H,5H)-三 酮(β-TGIC) 1,3,5,-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triaz ine-2,4,6-(1H,3H,5H)-trione	59653-74-6	<1000ppm	
81	4,4'-二(二甲氨基)-4"-氨基三苯 甲醇 4,4'-bis(dimethylamino)-4''-(meth ylamino)trityl alcohol	561-41-1	<1000ppm	
82	4,4'-二(二甲氨基)二苯甲酮(米 氏酮) 4,4'-bis(dimethylamino)	90-94-8	<1000ppm	

	benzophenone(Michler' s Ketone)			
83	Cl. 碱性紫 3Cl. Basic Violet 3	548-62-9	<1000ppm	
84	Cl. 碱性蓝 26C.1. Basic Blue 26	2580-56-5	<1000ppm	
85	十溴二苯醚 Bis(pentabromophenyl) ether(DecaBDE)	1163-19-5	<1000ppm	
86	全氟十三烷酸 Pentacosaflluorotridecanoic acid	72629-94-8	<1000ppm	
87	全氟十二烷酸 Tricosaflluorododecanoic acid	307-55-1	<1000ppm	
88	全氟十一烷酸 Henicosaflluoroundecanoic acid	2058-94-8	<1000ppm	
89	全氟代十四酸 Heptacosaflluorotetradecanoic acid	376-06-7	<1000ppm	
90	偶氮二甲酰胺 C, C' -azodi(formamide))	123-77-3	<1000ppm	
91	六氢邻苯二甲酸酐 Cyclohexane-1,2-dicarboxylic anhydride Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans-[3]	85-42-7, 13149-00-3, 14166-21-3	<1000ppm	
92	甲基六氢苯酐、4-甲基六氢苯酐、甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐 Hexahydromethylphathalic anhydride 、 Hexahydro-4-methylphathalic anhydride ,Hexahydro-1-methylphathalic anhydride ,Hexahydro-3-methylphathalic anhydride	25550-51-0 、 19438-60-9 、 48122-14-1 、 57110-29-9	<1000ppm	
93	壬基(支鏈直鏈)苯酚 4-Nonylphenol, branched and linear	/	<1000ppm	
94	对特辛基苯酚	/	<1000ppm	

	4-(1, 1, 3, 3-tetramethylbutyl)phenol, ethoxylated-covering well-defined substances and UVCB substances, polymers and homologues			
95	甲氧基乙酸 Methoxy acetic acid	625-45-6	<1000ppm	
96	N,N-二甲基甲酰胺 N,N-dimethylformamide; dimethyl formamide	68-12-2	<1000ppm	
97	二丁基二氯化锡 Dibutyltin dichloride (DBT)	683-18-1	<1000ppm	
98	一氧化铅 Lead oxide (lead monoxide)	1317-36-8	<1000ppm	
99	四氧化三铅 Lead tetroxide (orange lead)	1314-41-6	<1000ppm	
100	四氟硼酸铅 Lead bis(tetrafluoroborate)	13814-96-5	<1000ppm	
101	碱式碳酸铅 Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	<1000ppm	
102	钛酸铅 Lead titanium trioxide	12060-00-3	<1000ppm	
103	钛酸铅锆 Lead Titanium Zirconium Oxide	12626-81-2	<1000ppm	
104	硅酸铅 Silicic acid, lead salt	11120-22-2	<1000ppm	
105	掺杂铅的硅酸钡 Silicic acid, barium salt, lead-doped	68784-75-8	<1000ppm	
106	1-溴丙烷 1-bromopropane	106-94-5	<1000ppm	
107	环氧丙烷 Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	<1000ppm	
108	1,2-苯二酸-二(支链和直链)戊基酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	<1000ppm	
109	邻苯二甲酸二异戊酯 Diisopentylphthalate	605-50-5	<1000ppm	
110	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphthalate	776297-69-9	<1000ppm	
111	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	<1000ppm	
112	碱式乙酸铅 Acetic acid, lead salt, basic	51404-69-4	<1000ppm	
113	碱式硫酸铅 lead oxide sulphate	12036-76-9	<1000ppm	

114	二盐基邻苯二甲酸铅 Dibasic lead phthalate(phthalate(2-dioxotrilead))	69011-06-9	<1000ppm	
115	双(十八酸基)二氧化三铅 Dioxobis(stearato)trilead	12578-12-0	<1000ppm	
116	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	91031-62-8	<1000ppm	
117	氨基氰铅盐 Lead cyanidate	20837-86-9	<1000ppm	
118	硝酸铅 Lead dinitrate	10099-74-8	<1000ppm	
119	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate	12065-90-6	<1000ppm	
120	颜料黄41 Pyrochlore, antimony lead yellow	8012-00-8	<1000ppm	
121	二碱式亚硫酸铅(II)Sulfurous acid, lead salt, dibasic	62229-08-7	<1000ppm	
122	四乙基铅 Tetraethyllead	78-00-2	<1000ppm	
123	三碱式硫酸铅 Tetralead trioxide sulphate	12202-17-4	<1000ppm	
124	磷酸氧化铅 Trilead dioxide phosphonate	12141-20-7	<1000ppm	
125	呋喃 Furan	110-00-9	<1000ppm	
126	硫酸二乙酯 Diethyl sulphate	64-67-5	<1000ppm	
127	硫酸二甲酯 Dimethyl sulphate	77-78-1	<1000ppm	
128	3-乙基-2-甲基-2-(3-甲基丁基)恶唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	<1000ppm	
129	地乐酚 Dinoseb	88-85-7	<1000ppm	
130	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	<1000ppm	
131	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	<1000ppm	
132	4-氨基偶氮苯 4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	<1000ppm	
133	2,4-二氨基甲苯 4-methyl-m-phenylenediamine(2,4-toluene-diamine)	95-80-7	<1000ppm	
134	2-甲氧基-5-甲基苯胺	120-71-8	<1000ppm	

	6-methoxy-m-toluidine(p-cresidine)			
135	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	<1000ppm	
136	邻氨基偶氮甲苯 o-aminoazotoluene	97-56-3	<1000ppm	
137	邻甲基苯胺 o-Toluidine; 2-Aminotoluene	95-53-4	<1000ppm	
138	N-甲基乙酰胺 N-methylacetamide	79-16-3	<1000ppm	
139	镉 Cadmium	7440-43-9	<1000ppm	
140	氧化镉 Cadmium oxide	1306-19-0	<1000ppm	
141	邻苯二甲酸二正戊酯 Dipentyl phthalate(DPP)	131-18-0	<1000ppm	
142	十五代氟辛酸铵盐 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	<1000ppm	
143	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	<1000ppm	
144	4-壬基(支链与直链)苯酚乙氧基醚 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	硫化镉 Cadmium sulphide	1306-23-6	<1000ppm	
146	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	<1000ppm	
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C. I. Direct Red 28)	573-58-0	<1000ppm	
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)	1937-37-7	<1000ppm	

149	亞乙基硫脒 azolidine-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	邻苯二甲酸二己酯，支链和直链 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	<1000ppm	
154	过硼酸钠 Sodium peroxometaborate	7632/4/4	<1000ppm	
155	水合高硼酸钠盐类 Sodium perborate; perboric acid, sodium salt	-	<1000ppm	
156	Cadmium fluoride 氟化鎘	7790-79-6	<1000ppm	
157	Cadmium sulphate 硫酸鎘	10124-36-4, 31119-53-6	<1000ppm	
158	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320) 2-苯并三唑-2- 錯基-4,6-二-三級-丁基苯酚 (UV-320)	3846-71-7	<1000ppm	
159	2-(2H-benzotriazol-2-yl)-4,6-di- tert-pentylphenol (UV-328) 2-(2H- 苯并三唑-2-基)-4,6-二三級戊基苯 酚(UV-328)	25973-55-1	<1000ppm	
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa- -3,5-dithia-4-stannatetradecanoa te (DOTE) 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)	15571-58-1	<1000ppm	
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa- -3,5-dithia-4-stannatetradecanoa te and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)ox y]-2-oxoethyl]thio]-4-octyl-7-ox o-8-oxa-3,5-dithia-4-stannatetra decanoate (reaction mass of DOTE and MOTE) 10-乙基-4,4-二辛基-7-氧 -8-氧代-3,5-二硫代-4-錫代十四酸	/	<1000ppm	

	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)			
162	2-苯二甲酸混合癸與己和辛二酯，包含 $\geq 0.3\%$ 的鄰苯二甲酸二己酯(DNHP，EC No. 201-559-5，CAS No. 84-75-3)	68515-51-5	<1000ppm	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68648-93-1	<1000ppm	
163	No. 201-559-5) 68515-51-5 271-094-0 68648-93-1 272-013-1 163. 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【口罅】【口東】 [2] 5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二 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	硝基苯 nitrobenzene	98-95-3	<1000ppm	
165	UV-327 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	<1000ppm	
166	UV-350 2-(2H-benzotriazol-2-yl)-4-(tert	36437-37-3	<1000ppm	

	-butyl)-6-(sec-butyl)phenol (UV-350)			
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	<1000ppm	
168	全氟壬酸及其钠盐和氨盐. Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	<1000ppm	
169	苯并[def]蒽 (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	全氟己基磺酸及其鹽類 Perfluorohexane-1-sulphonic acid and its salts	-	<1000ppm	
175	德克隆 [包括其所有反式和順式異構 體及其組 合] Dechlorane Plus(TM) and react ion products	13560--89-9; 135821-74-8; 135821-03-3 etc	<1000ppm	

	of 1,3,4-thiadiazolidine-2,5-dithione			
176	苯并[a]蒽 benz[a]anthracene	56-55-3	<1000ppm	
177	硝酸镉 cadmium nitrate	10325-94-7	<1000ppm	
178	碳酸镉 cadmium carbonate	513-78-0	<1000ppm	
179	氢氧化镉 cadmium hydroxide	21041-95-2	<1000ppm	
180	屈 chrysene	218-01-9	<1000ppm	
181	1,3,4-噻二唑烷-2,5-二硫酮，甲醛和4-庚基苯酚的支鏈和直鏈(RP-HP)的反應產物[4-庚基苯酚支鏈和直鏈含量≥ 0.1%w/w]formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥ 0.1% w/w 4-heptylphenol, branched and linear]	-	<1000ppm	
182	苯-1,2,4-三羧酸 1,2-酐 (偏苯三酸酐) (TMA) Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	<1000ppm	
183	苯并[GHI]聚二甲苯 Benzo[ghi]perylene	191-24-2	<1000ppm	
184	十甲基环五硅氧烷 (D5) Decamethylcyclopentasiloxane (D5)	541-02-6	<1000ppm	
185	邻苯二甲酸二环己酯 (DCHP) Dicyclohexyl phthalate DCHP	84-61-7	<1000ppm	
186	氧化硼钠 Disodium octaborate	12008-41-2	<1000ppm	
187	十二甲基环六硅氧烷 (D6) Dodecamethylcyclohexasiloxane D6	540-97-6	<1000ppm	
188	乙二胺 (EDA) Ethylenediamine EDA	107-15-3	<1000ppm	
189	鉛 Lead	7439-92-1	<1000ppm	Except for the following: 1. Copper alloy parts <4%

190	八甲基环四硅氧烷 (D4) Octamethylcyclotetrasiloxane D4	556-67-2	<1000ppm	
191	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	<1000ppm	
192	1,7,7-三甲基-3-(苯基亚甲基)双环 [2.2.1]庚-2-酮 (3-亚苄基樟脑) 1,7,7-trimethyl-3-(phenylmethyle ne)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	<1000ppm	
193	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-meth ylpentane	6807-17-6	<1000ppm	
194	苯并[k]荧蒽 Benzo[k]fluoranthene	207-08-9	<1000ppm	
195	荧蒽 Fluoranthene	206-44-0, 93951-69-0	<1000ppm	
196	菲 Phenanthrene	85-01-8	<1000ppm	
197	芘 Pyrene	129-00-0, 1718-52-1	<1000ppm	
198	2,3,3,3-四氟-2-(七氟丙氧基)丙酸 及其盐和酰基卤化物(包括单体和组 合) 2,3,3,3-tetrafluoro-2-(heptafluo ropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	<1000ppm	
199	2-甲氧基乙基乙酸酯 2-methoxyethyl acetate	110-49-6	<1000ppm	
200	4-叔丁基苯酚 4-tert-butylphenol	98-54-4	<1000ppm	
201	三(4-壬基苯基, 支链和直链)亚磷酸 酯(TNPP)(含≥0.1%的支链和直链 4- 壬基苯酚) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	<1000ppm	

202	全氟丁烷磺酸 (PFBS) 及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	-	<1000ppm	
203	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	<1000ppm	
204	2-甲基-1-(4-甲硫基苯基)-2-吗啉基 -1-丙酮 2-methyl-1-(4-methylthiophenyl)- 2-morpholinopropan-1-one	71868-10-5	<1000ppm	
205	2-苄基-2-二甲基氨基-4'-吗啉基苯 基丁酮 2-benzyl-2-dimethylamino-4'-morp holinobutyrophenone	119313-12-1	<1000ppm	
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	<1000ppm	
207	2-甲基咪唑 2-methylimidazole	693-98-1	<1000ppm	
208	双(乙酰丙酮基)二丁基锡 Dibutylbis(pentane-2,4-dionato- 0,0')tin	22673-19-4	<1000ppm	
209	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	<1000ppm	
210	双(2-(2-甲氧基乙氧基)乙基)醚 (四乙二醇二甲醚) bis(2-(2-methoxyethoxy)ethyl) et her	205-594-7	<1000ppm	
211	二月桂酸二辛基锡，锡烷，二辛基-， 双(椰油酰氧基)衍生物，以及任何其他 锡烷，二辛基-，双(脂肪酰氧基)衍 生物。其中 C12 为脂肪酰氧基部分的 主要碳原子数 Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) deri vs., and any other stannane, dio ctyl-, bis(fatty acyloxy) deriv s. wherein C12 is the predominan t carbon number of the fatty acy loxy moiety	/	<1000ppm	
212	2-(4-叔丁基苄基)丙醛及其立体异构 体	/	<1000ppm	

	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers			
213	原硼酸钠盐 Orthoboric acid, sodium salt	237-560-2	<1000ppm	
214	2,2-双(溴甲基)丙烷1,3-二醇 (BMP) 2,2-bis(bromomethyl)propane 1,3-diol 2,2-二甲基丙烷-1-醇, 三溴衍生物 /3-溴-2,2-双(溴甲基)-1-丙醇 (TBNPA) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromo methyl)-1-propanol 2,3-二溴-1-丙醇(2,3-DBPA) 2,3-dibromo-1-propanol	221-967-7; 253-057-0; 202-480-9	<1000ppm	
215	戊二醛 Glutaral	203-856-5	<1000ppm	
216	中链氯化石蜡(MCCP)[由大于等于80% 的碳链长度在14至17范围内的直链 氯代烷烃组成的UVCB物 质]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	
217	来自低聚反应的C12富集的支链或直 链的苯酚烷基化合物(主要为对位)及 其异构体或组合(PDDP)Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any	-	<1000ppm	

	individual isomers and/ or combinations thereof			
218	1-4 二恶烷 1,4-dioxane	204-661-8	<1000ppm	
219	4,4' -(1-甲基亚丙基)双酚 4,4' -(1-methylpropylidene)bisphe nol	201-025-1	<1000ppm	
220	2,2'-亚甲基双(4-甲基-6-叔丁基苯) (DBMC) 6,6'-di-tert-butyl-2,2'-methylen edi-p-cresol	119-47-1	<1000ppm	
221	乙烯基-三(2-甲氧基乙氧基)硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	<1000ppm	
222	(±)-1,7,7-三甲基-3-[(4-甲基苯基) 亚甲基]二环[2.2.1]庚-2-酮, 包括各 个异构体和/或其组合 (4-MBC) (±)-1,7,7-trimethyl-3-[(4-methyl phenyl)methylene]bicyclo[2.2.1]h eptan-2-one, covering any of the individual isomers and/or combinations thereof	-	<1000ppm	
223	S-(三环[5.2.1.0' <sup>2</sup> ,6]癸-3-烯-8(或 9)-基) 0-(异丙基或异丁基或2-乙基 己基) 0-(异丙基或异丁基或2-乙基己 基)二硫代磷酸酯 S-(tricyclo(5.2.1.0' <sup>2</sup> ,6)deca-3-e n-8(or 9)-yl) 0-(isopropyl or isobutyl or 2-ethylhexyl) 0-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	<1000ppm	
224	N-羟甲基丙烯酰胺 N-(hydroxymethyl)acrylamide	924-42-5	<1000ppm	
225	1,2-二(2,4,6-三溴苯氧基)乙烷 1,1'-[ethane-1,2-diylbisoxyl]	37853-59-1	<1000ppm	

	bis[2, 4, 6-tribromobenzene]			
226	四溴双酚 A 2, 2', 6, 6'-tetrabromo-4, 4'-isopropylidenediphenol	79-94-7	<1000ppm	
227	双酚 S 4, 4'-sulphonyldiphenol	80-09-1	<1000ppm	
228	偏硼酸钡 Barium diboron tetraoxide	13701-59-2	<1000ppm	
229	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 Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	/	<1000ppm	
230	4-羟基苯甲酸 2-甲基丙酯 Isobutyl 4-hydroxybenzoate	4247-02-3	<1000ppm	
231	三聚氰胺 Melamine	108-78-1	<1000ppm	
232	全氟庚酸及其盐 Perfluoroheptanoic acid and its salts	/	<1000ppm	
233	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, 6-八氟烷-4-(七氟丙基)吗啉的反应物料 reaction mass of 2, 2, 3, 3, 5, 5, 6, 6-octafluoro-4-(1, 1, 1, 2, 3, 3, 3-heptafluoropropyl)morpholine and 2, 2, 3, 3, 5, 5, 6, 6-octafluoro-4-(heptafluoropropyl)morpholine	/	<1000ppm	
234	4, 4'-二氯二苯砜 Bis(4-chlorophenyl) sulphone	80-07-9	<1000ppm	
235	二苯基(2, 4, 6-三甲基苯甲酰基)氧化膦 Diphenyl(2, 4, 6-trimethylbenzoyl) phosphine oxide	75980-60-8	<1000ppm	

236	2, 4, 6-三叔丁基苯酚(2, 4, 6-TTBP) 2, 4, 6-tri-tert-butylphenol	732-26-3	<1000ppm	
237	2-[2-羟基-5-(1, 1, 3, 3-四甲丁基)苯基]苯并三唑 (UV-329) 2-(2H-benzotriazol-2-yl)-4-(1, 1, 3, 3-tetramethylbutyl)phenol	3147-75-9	<1000ppm	
238	2-(4-甲基苄基)-2-(二甲基氨基)-1-(4-吗啉苄基)-1-丁酮 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	<1000ppm	
239	2-(5-氯-2H-苯三唑-2-基)-6-(1, 1-二甲基乙基)-4-甲基苯酚 (UV-326) 3-Bumetrizole	3896-11-5	<1000ppm	
240	2-苯基丙烯与苯酚的低聚和烷基化反应产物 3-Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	/	<1000ppm	
241	过氧化二异丙苯 Bis( $\alpha, \alpha$ -dimethylbenzyl) peroxide	80-43-3	<1000ppm	
242	磷酸三苯酯 Triphenyl Phosphate	115-86-6	<1000ppm	
243	6-[(C10-C13)-烷基-(支链, 不饱和)-2, 5-二氧代吡咯烷-1-基]己酸 6-[(C10-C13)-Alkyl-(branched, unsaturated)-2, 5-dioxopyrrolidin-1-yl] hexanoic acid (Tetra-PSCA)	2156592-54-8	<1000ppm	
244	0, 0, 0-三苯基硫代磷酸酯 0, 0, 0-Triphenyl phosphorothioate (TPPT)	597-82-0	<1000ppm	
245	八甲基三矽氧烷 Octamethyltrisiloxane	107-51-7	<1000ppm	

246	全氟三丙胺 Perfluamine	338-83-0	<1000ppm	
247	三苯基硫代磷酸酯和叔丁基苯基衍生 物的反應物 Reaction mass of: triphenyl thiophosphate and tertiary butylated phenyl derivatives	192268-65-8	<1000ppm	
248	甲基三(三甲基硅氧烷基)硅烷 1,1,1,3,5,5,5-heptamethyl-3-[(tr imethylsilyl)oxy]trisiloxane	17928-28-8	<1000ppm	
249	十甲基四硅氧烷 Decamethyltetrasiloxane	141-62-8	<1000ppm	
250	四(钠/钾)7-[(E)-{2-乙酰胺基 -4-[(E)-(4-{[4-氯-6-[(2-[(4-氟 -6-[(4-(乙烯基磺酰基)苯基)氨 基]-1,3,5-三嗪-2-基)氨基]丙基}氨 基)-1,3,5-三嗪-2-基]氨基}-5-磺基 -1-萘基)偶氮]-5-甲氧基苯基}偶 氮]-1,3,6-萘三磺酸盐(活性棕 51) tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[ 4-chloro-6-({2-[(4-fluoro-6-[(4- (vinylsulfonyl)phenyl)amino}-1,3 ,5-triazine-2-yl)amino]propyl}am ino)-1,3,5-triazine-2-yl]amino}- 5-sulfonato-1-naphthyl)diazenyl] -5-methoxyphenyl}diazenyl]-1,3,6 -naphthalenetrisulfonate(Reactiv e Brown 51	/	<1000ppm	
251	1,1'-(1,2-亚乙基)双[五溴苯](十 溴二苯乙烷) 1,1'-(ethane-1,2-diyl)bis[pentab romobenzene]	84852-53-9	<1000ppm	
252	正己烷 n-hexane	110-54-3	<1000ppm	
253	4,4' -[2,2,2-三氟-1-(三氟甲基)亚 乙基]双酚(BPAF)及其盐 4,4' -[2,2,2-trifluoro-1-(trifluo romethyl)ethylidene]diphenol (BPAF) and its salts	-	<1000ppm	

Name of the undersigned: Jason Lee

Title: QA Manager

Date: 2026/3/2



Signature: \_\_\_\_\_