

### REACH Guarantee Letter

我司產品符合REACH(化學品註冊, 評估, 授權和限制)-SVHC(高度關注物質)所列之清單, 如下表。

We warrant that the products comply with REACH(Registration, Evaluation, Authorization and Restriction of Chemical Regulation )-SVHC(Substance of Very High Concern) as following list :

No	物質名稱	Substance name	CAS No.	EC No.	濃度 concentration
1 <sup>st</sup>	1 萸	Anthracene	120-12-7	204-371-1	<1000ppm
	2 4,4'-二氨基二苯甲烷	4,4' - Diaminodiphenylmethane	101-77-9	202-974-4	<1000ppm
	3 鄰苯二甲酸二丁酯	Dibutyl phthalate (DBP)	84-74-2	201-557-4	<1000ppm
	4 二氯化鈷	Cobalt dichloride	7646-79-9	231-589-4	<1000ppm
	5 五氧化二砷	Diarsenic pentaoxide	1303-28-2	215-116-9	<1000ppm
	6 三氧化二砷	Diarsenic trioxide	1327-53-3	215-481-4	<1000ppm
	7 重鉻酸鈉	Sodium dichromate, dihydrate	7789-12-0	/	<1000ppm
	8 2,4,6-三硝基-3,3-二甲基-5-叔丁基苯(二甲苯麝香)	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	<1000ppm
	9 鄰苯二甲酸二(2-乙基己基酯)	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	<1000ppm
	10 六溴環十二烷及所有主要被辨別出的異構物	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ - HBCDD, $\beta$ - HBCDD, $\gamma$ - HBCDD)	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4 and 221-695-9	<1000ppm
	11 短鏈型C10-13氯化石蠟	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	<1000ppm
	12 氧化双三丁基錫 (TBTO)	Bis(tributyltin)oxide	56-35-9	200-268-0	<1000ppm
	13 砷酸氫鉛	Lead hydrogen arsenate	7784-40-9	232-064-2	<1000ppm
	14 三乙基砷酸鹽	Triethyl arsenate	15606-95-8	427-700-2	<1000ppm
	15 鄰苯二甲酸丁酯苯酯	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	<1000ppm
2 <sup>nd</sup>	16 萸油	Anthracene oil	90640-80-5	292-602-7	<1000ppm
	17 萸油, 萸糊, 輕油	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	<1000ppm
	18 萸油, 萸糊, 萸餾分離液	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	<1000ppm
	19 萸油, 含萸量少	Anthracene oil, anthracene-low	90640-82-7	292-604-8	<1000ppm
	20 萸油, 萸糊	Anthracene oil, anthracene paste	90640-81-6	292-603-2	<1000ppm
	21 瀝青, 煤焦油, 高溫	Pitch, Coal tar, high- temp.	65996-93-2	266-028-2	<1000ppm
	22 矽酸鋁, 耐火陶瓷纖維(1)	Aluminosilicate, Refractory Ceramic Fibres(1)	650-017-00-8(index no.)	(650-017-00-8*)	<1000ppm
	23 氧化鋯矽酸鋁, 耐火陶瓷纖維(2)	Zirconia Aluminosilicate, Refractory Ceramic Fibres(2)	650-017-00-8(index no.)	(650-017-00-8*)	<1000ppm
	24 2,4-二硝基甲苯	2,4-Dinitrotoluene	121-14-2	204-450-0	<1000ppm
	25 鄰苯二甲酸二異丁酯	Diisobutyl phthalate [DIBP]	84-69-5	201-553-2	<1000ppm
	26 鉻酸鉛	Lead chromate	7758-97-6	231-846-0	<1000ppm
	27 鉬鉻紅(C.I. 顏料紅半104)	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	<1000ppm
	28 鉛鉻黃(C.I. 顏料黃34) *	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	<1000ppm
3 <sup>rd</sup>	29 三(2-氯乙基)磷酸酯(TCEP)	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	<1000ppm
	30 丙烯醯胺	Acrylamide	79-06-1	201-173-7	<1000ppm
	31 三氯乙烯	Trichloroethylene	79-01-6	201-167-4	<1000ppm
	32 硼酸	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	<1000ppm
	33 無水四硼酸二鈉	Disodium tetraborate anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4	<1000ppm
	34 水合硼酸鈉	Tetraboron disodium heptaoxide hydrate	12267-73-1	235-541-3	<1000ppm
	35 鉻酸鈉	Sodium chromate	7775-11-3	231-889-5	<1000ppm
	36 鉻酸鉀	Potassium chromate	7789-00-6	232-140-5	<1000ppm
	4 <sup>th</sup>	37 重鉻酸銨	Ammonium dichromate	7789-09-5	232-143-1
38 重鉻酸鉀		Potassium dichromate	7778-50-9	231-906-6	<1000ppm
39 硫酸鈷(二價)*2		Cobalt(II) sulphate	10124-43-3	233-334-2	<1000ppm
40 硝酸鈷(二價)*2		Cobalt(II) dinitrate	10141-05-6	233-402-1	<1000ppm
41 碳酸鈷(二價)*2		Cobalt(II) carbonate	513-79-1	208-169-4	<1000ppm
42 乙酸鈷(二價)*2		Cobalt(II) diacetate	71-48-7	200-755-8	<1000ppm
43 2-甲氧基乙醇		2-Methoxyethanol	109-86-4	203-713-7	<1000ppm
44 2-乙氧基乙醇		2-Ethoxyethanol	110-80-5	203-804-1	<1000ppm
5 <sup>th</sup>	45 三氧化鉻*2	Chromium trioxide	1333-82-0	215-607-8	<1000ppm

5 <sup>th</sup>	46	鉻酸，鉻酸及重鉻酸低聚物 重鉻酸	Chromic acid, Oligomers chromic acid and dichromic acid Dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	<1000ppm
	47	乙二醇乙醚醋酸酯	2-ethoxyethyl acetate	111-15-9	203-839-2	<1000ppm
	48	過氯酸銦	Strontium Chromate	7789-06-2	232-142-6	<1000ppm
	49	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)	68515-42-4	271-084-6	<1000ppm
	50	聯安	Hydrazine	7803-57-8 302-01-2	206-114-9	<1000ppm
	51	1-甲基-2-吡咯烷酮	1-methyl-2-pyrrolidone	872-50-4	212-828-1	<1000ppm
6 <sup>th</sup>	52	1,2,3-三氯丙烷	(1,2,3-trichloropropane)	96-18-4	202-486-1	<1000ppm
	53	鄰苯二甲酸二(C6-8 支鏈與直鏈)烷基 酯, 富C7	(1,2-benzenedicarboxylic Acid, di-C6-8-branched Alkyl Esters, C7-rich)	71888-89-6	276-158-1	<1000ppm
	54	鉻酸鉻	Dichromium tris 9chromate	24613-89-6	246-356-2	<1000ppm
	55	氫氧化鉻酸鉍鉀	Potassium hydroxyoctaoxidizincatedi-chromate	11103-86-9	234-329-8	<1000ppm
	56	八氫氧化五鉻酸鉍	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	<1000ppm
	57	甲醛與苯胺的寡聚反應物	Formaldehyde, oligomeric reaction products with aniline(technical MDA)	25214-70-4	500-036-1	<1000ppm
	58	鄰苯二甲酸雙(2-甲氧基乙基)酯	Bis 2-methoxyethy phthalate	117-82-8	204-212-6	<1000ppm
	59	鄰甲氧基苯胺	2-Methoxyaniline;o-Anisidine	90-04-0	201-963-1	<1000ppm
	60	對特辛基苯酚/辛基酚	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenil)	140-66-9	205-426-2	<1000ppm
	61	1,2-二氯乙烷	1,2-Dichloroethane	107-06-2	203-458-1	<1000ppm
	62	雙(2-甲氧基乙基)醚	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	<1000ppm
	63	砷酸	Arsenic acid	7778-39-4	231-901-9	<1000ppm
	64	砷酸鈣	Calcium arsenate	7778-44-1	231-904-5	<1000ppm
	65	砷酸鉛	Trilead diarsenate	3687-31-8	222-979-5	<1000ppm
	66	N,N-二甲基乙醯胺	N,N-dimethylacetamide(DMAC)	127-19-5	204-826-4	<1000ppm
	67	2,2-二氯-4,4-二氨基二苯基甲烷	2,2-dichloro-4,4-methylenedianiline (MOCA)	101-14-4	202-918-9	<1000ppm
	68	酚酞	Phenolphthalein	77-09-8	201-004-7	<1000ppm
69	疊氮化鉛	Lead diazide	13424-46-9	236-542-1	<1000ppm	
70	中性斯蒂酚酸鉛	Lead styphnate	15245-44-0	239-290-0	<1000ppm	
71	苦味酸鉛	Lead dipicrate	6477-64-1	229-335-2	<1000ppm	
7 <sup>th</sup>	72	三甘醇二甲醚	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	<1000ppm
	73	乙二醇二甲醚	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	<1000ppm
	74	三氧化二硼	Diboron trioxide	1303-86-2	215-125-8	<1000ppm
	75	甲醯胺	Formamide	75-12-7	200-842-0	<1000ppm
	76	甲基磺酸鉛	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	<1000ppm
	77	異氰尿酸三縮水甘油酯	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	<1000ppm
	78	異氰尿酸β-三縮水甘油酯	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5- triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	<1000ppm
	79	4,4'-二(N,N-二甲氨基)二苯甲酮(米氏 酮)	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	<1000ppm
	80	4,4'-(對二甲氨基)二苯基甲烷(米氏 鹼)	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	<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	208-953-6	<1000ppm
82	鹼性藍 26	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	<1000ppm	
83	溶劑藍 4	a,a-bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	<1000ppm	
84	a,a-二((二甲氨基)苯基)-4-甲氧基苯 甲醇	4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol	561-41-1	209-218-2	<1000ppm	
8 <sup>th</sup>	85	十溴二苯醚	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	<1000ppm
	86	全氟十三酸	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	<1000ppm
	87	全氟十二酸	Tricosafuorododecanoic acid	307-55-1	206-203-2	<1000ppm
	88	全氟十一酸	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	<1000ppm
	89	全氟十四酸	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	<1000ppm
	90	乙氧基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

91	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
92	1,1'-偶氮雙甲醯胺	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	<1000ppm
93	六氫鄰苯二甲酐	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	201-604-9	<1000ppm
94	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	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1	<1000ppm
95	甲氧基乙酸	Methoxy acetic acid	625-45-6	210-894-6	<1000ppm
96	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	284-032-2	<1000ppm
97	鄰苯二甲酸二異戊酯	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	<1000ppm
98	鄰苯二甲酸正戊基異戊基酯	N-pentyl-isopentylphthalate	-	-	<1000ppm
99	乙二醇二乙醚	1,2-Diethoxyethane	629-14-1	211-076-1	<1000ppm
100	二甲基甲醯胺	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	<1000ppm
101	二氯化二丁錫	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	<1000ppm
102	鹼式乙酸鉛	Acetic acid, lead salt, basic	51404-69-4	257-175-3	<1000ppm
103	鹼式碳酸鉛	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	<1000ppm
104	鹼式硫酸鉛	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7	<1000ppm
105	二鹼式鄰苯二甲酸鉛	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	<1000ppm
106	雙(十八酸基)二氧三鉛	Dioxobis(stearato)trilead	12578-12-0	235-702-8	<1000ppm
107	C16-18-脂肪酸鉛鹽	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	<1000ppm
108	二(四氟硼酸)鉛	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	<1000ppm
109	氰胺化鉛	Lead cyanamidate	20837-86-9	244-073-9	<1000ppm
110	硝酸鉛	Lead dinitrate	10099-74-8	233-245-9	<1000ppm
111	一氧化鉛	Lead oxide (lead monoxide)	1317-36-8	215-267-0	<1000ppm
112	四氧化三鉛(鉛丹)	Lead tetroxide (orange lead)	1314-41-6	215-235-6	<1000ppm
113	鈦酸鉛(II)	Lead titanium trioxide	12060-00-3	235-038-9	<1000ppm
114	鉛鈦鉛氧化物	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	<1000ppm
115	硫酸四氧化五鉛	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	<1000ppm
116	燒綠石錒鉛黃	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	<1000ppm
117	摻雜鉛的矽酸鋇	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	<1000ppm
118	矽酸鉛	Silicic acid, lead salt	11120-22-2	234-363-3	<1000ppm
119	亞硫酸鉛	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	<1000ppm
120	四乙基鉛	Tetraethyllead	78-00-2	201-075-4	<1000ppm
121	三鹼式硫酸鉛	Tetralead trioxide sulphate	12202-17-4	235-380-9	<1000ppm
122	二鹼式亞磷酸鉛	Trilead dioxide phosphonate	12141-20-7	235-252-2	<1000ppm
123	呋喃	Furan	110-00-9	203-727-3	<1000ppm
124	環氧丙烷	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	<1000ppm
125	硫酸二乙酯	Diethyl sulphate	64-67-5	200-589-6	<1000ppm
126	硫酸二甲酯	Dimethyl sulphate	77-78-1	201-058-1	<1000ppm
127	3-乙基-2-甲基-2-(3-甲基)-1,3-【口罈】唑	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	<1000ppm
128	達諾殺	Dinoseb	88-85-7	201-861-7	<1000ppm
129	4,4'-亞甲基二-鄰-甲苯胺	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	<1000ppm
130	4,4'-氧二苯胺及其鹽類	4,4'-oxydianiline and its salts	101-80-4	202-977-0	<1000ppm
131	4-胺基偶氮苯	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	<1000ppm
132	4-甲基-間-苯二胺(2,4-二胺基甲苯)	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	<1000ppm
133	6-甲氧基-間-甲苯胺	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	<1000ppm
134	4-胺基聯苯	Biphenyl-4-ylamine	92-67-1	202-177-1	<1000ppm
135	鄰-胺基偶氮甲苯	o-aminoazotoluene	97-56-3	202-591-2	<1000ppm
136	鄰-甲苯胺	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	<1000ppm
137	N-甲基乙醯胺	N-methylacetamide	79-16-3	201-182-6	<1000ppm
138	1-溴丙烷	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	<1000ppm
139	全氟辛酸	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	<1000ppm
140	氧化鎘	Cadmium oxide	1306-19-0	215-146-2	<1000ppm
141	全氟辛酸銨	Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	<1000ppm
142	鎘	Cadmium	7440-43-9	231-152-8	<1000ppm

9 <sup>th</sup>	143	分支或線性的乙氧壬基酚，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	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
	144	鄰苯二甲酸二戊酯	Dipentyl phthalate (DPP)	131-18-0	205-017-9	<1000ppm
10 <sup>th</sup>	145	硫化鎘	Cadmium sulphide	1306-23-6	215-147-8	<1000ppm
	146	鄰苯二甲酸二己酯	Diethyl phthalate	84-75-3	201-559-5	<1000ppm
	147	C.I. 直接紅 28	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	<1000ppm
	148	C.I. 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	217-710-3	<1000ppm
	149	亞乙基硫脲	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	<1000ppm
	150	醋酸鉛	Lead di(acetate)	301-04-2	206-104-4	<1000ppm
11 <sup>st</sup>	151	磷酸三(二甲苯)酯	Trixylyl phosphate	25155-23-1	246-677-8	<1000ppm
	152	鄰苯二甲酸二己酯 (支鏈和直鏈)	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5	<1000ppm
	153	過硼酸鈉	Sodium perborate; perboric acid, sodium salt	-	239-172-9 234-390-0	<1000ppm
	154	過氧偏硼酸鈉	Sodium peroxometaborate	7632-04-4	231-556-4	<1000ppm
	155	氯化鎘	Cadmium chloride	10108-64-2	233-296-7	<1000ppm
12 <sup>nd</sup>	156	紫外吸收劑UV-320	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	<1000ppm
	157	二正辛基-雙(巰乙酸2-乙基己酯)	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	<1000ppm
	158	二正辛基-雙(巰乙酸2-乙基己酯)錫	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)	15571-58-1 27107-89-7	-	<1000ppm
	159	紫外吸收劑UV-328	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	<1000ppm
	160	氟化鎘	Cadmium fluoride	7790-79-6	232-222-0	<1000ppm
	161	硫酸鎘	Cadmium sulphate	10124-36-4 31119-53-6	233-331-6	<1000ppm
13 <sup>rd</sup>	162	1,2-苯二羧酸，二-破6-10-烷基酯；(癸基，己基，辛基)酯與1,2-苯二甲酸的複合物，其鄰苯二甲酸二己酯含量≥0.3%	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of diethyl phthalate	68515-51-5 68648-93-1	271-094-0 272-013-1	<1000ppm
13 <sup>rd</sup>	163	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]，5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二噁烷[2] [任何[1]和[2]或者其任意組合的單獨異構體或其任何組合] (卡拉花醛及其異構體以及它們的混合物)	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
14 <sup>th</sup>	164	硝基苯	Nitrobenzene	98-95-3	202-716-0	<1000ppm
	165	2,4-二-叔丁基-6-(5-氯-2H-苯並三唑-2-基)苯酚 (紫外吸收劑UV-327)	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-283-3	<1000ppm
	166	2-(2H-苯並三唑-2-基)-4-特丁基-6-仲丁基苯酚 (紫外吸收劑UV-350)	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	<1000ppm
	167	1,3-丙烷磺內酯	1,3-propanesultone	1120-71-4	214-317-9	<1000ppm
	168	全氟壬酸	Perfluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	<1000ppm
15 <sup>th</sup>	169	苯并(a)芘	Benzo[def]chrysene	50-32-8	200-028-5	<1000ppm
16 <sup>th</sup>	170	雙酚A	4,4'-Isopropylidenediphenol(bisphenol A;BPA)	80-05-7	201-245-8	<1000ppm
	171	4-庚基苯酚，支鏈與直鏈(4-Hpb1)，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	4-heptylphenol, branched and linear(4-Hpb1) [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	十九氟癸酸及其鈉與銨鹽	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	206-400-3	<1000ppm
	173	對-(1,1-二甲基丙基)苯酚	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	<1000ppm

17 <sup>th</sup>	174	全氟己基磺酸及其鹽類	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	-	<1000ppm
18 <sup>th</sup>	175	苯並[a]蒽	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	<1000ppm
	176	碳酸鎘	Cadmium carbonate	513-78-0	208-168-9	<1000ppm
	177	氫氧化鎘	Cadmium hydroxide	21041-95-2	244-168-5	<1000ppm
	178	硝酸鎘	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	<1000ppm
	179	苯並[a]菲/屈	Chrysene	218-01-9, 1719-03-5	205-923-4	<1000ppm
	180	德克隆(涵蓋各個反式及順式同分易構物或者相關組合)	1, 6, 7, 8, 9, 14, 15, 17, 17, 18, 18-Dodecachloropentacyclo[12. 2. 1. 16, 9. 02, 13. 05, 10]octadeca-7, 15-diene ( "Dechlorane Plus" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	<1000ppm
181	1, 3, 4-噻唑烷-2, 5-二硫酮, 甲醛及4-庚基苯酚支鏈和直鏈反應物, (RP-HP)[含≥0.1% w/w 支鏈及直鏈4-庚基苯酚]	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	
19 <sup>th</sup>	182	1, 2, 4-三羧酸酐/偏苯三酸酐	Benzene-1, 2, 4-tricarboxylic acid 1, 2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	<1000ppm
	183	苯並(G, H, I)芘	Benzo[ghi]perylene	191-24-2	205-883-8	<1000ppm
	184	十甲基環五矽氧烷	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	<1000ppm
	185	鄰苯二甲酸二環己酯	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	<1000ppm
	186	氧化硼鈉/八硼酸二鈉	Disodium octaborate	12008-41-2	234-541-0	<1000ppm
	187	十二甲基環六矽氧烷	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	<1000ppm
	188	乙二胺	Ethylenediamine (EDA)	107-15-3	203-468-6	<1000ppm
	189	鉛	Lead	7439-92-1	231-100-4	<1000ppm
	190	八甲基環四矽氧烷	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	<1000ppm
	191	氫化三聯苯	Terphenyl, hydrogenated	61788-32-7	262-967-7	<1000ppm
20 <sup>th</sup>	192	2, 2-雙(4-羥基苯基)-4-甲基戊烷	2, 2-bis(4-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	<1000ppm
	193	苯并[k]芘/苯并[k]螢蒽	Benzo[k]fluoranthene	205-916-6	207-08-9	<1000ppm
	194	芘/苯并[a]芘	Fluoranthene	205-912-4	206-44-0	<1000ppm
	195	菲	Phenanthrene	201-581-5	85-01-8	<1000ppm
	196	芘	Pyrene	204-927-3	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-苯亞甲基樟腦)	1, 7, 7-trimethyl-3-(phenylmethylene)bicyclo[2. 2. 1]heptan-2-one (3-benzylidene camphor)	239-139-9	15087-24-8	<1000ppm

有關高關注物質更多信息，請訪問：

More information about the SVHC information can be found:

<https://echa.europa.eu/candidate-list-table>

產品清單：

Product list :

Item	Anglia商品編號 Anglia product number	功得電子產品名稱 CONAUER Product name	REACH 符合狀態 REACH Compliance Status	備註 Remark
1	CQ-122	CQ-122 (PF)	Yes	
2	646008	CQ-2005 (PF)	Yes	
3	646028	CQ-200CT (PF)	Yes	
4	645000	MICROFUSE HOLDER (C)	Yes	
5	646013	CV-2 (PF)	Yes	
6	646100	CQ-205S (C) (PF)	Yes	
7	646006	CQ-206CH (RoHS)	Yes, except for the copy alloy.	The copper alloy contain up to 4 % lead by weight, so this product can meet the requirement of exemption in RoHS. (Exemption number "6 (c)" )

8	646007	CQ-206CV (RoHS)	Yes, except for the copper alloy.	The copper alloy contain up to 4 % lead by weight, so this product can meet the requirement of exemption in RoHS. (Exemption number "6 (c)" )
9	646015	CQ-206F (RoHS)	Yes, except for the copper alloy.	The copper alloy contain up to 4 % lead by weight, so this product can meet the requirement of exemption in RoHS. (Exemption number "6 (c)" )
10	690808T	MET 800mA 250V	Yes	
11	691508	MEF 500mA 250V (BK)	Yes	
12	640318	VBS UFE 315mA 250V (PF)	Yes	
13	691208	MEF 200mA 250V	Yes	
14	697109	U/C GTE 1A 250V (PF)	Yes	
15	690319	MET 3.15A 250V	Yes	
16	MST005	MST 5A 250V (BK)	Yes	
17	649129	VBS UDA 1.25A 250V (PF)	Yes	
18	648509	VBS UBM 5A 250V (PF)	Yes	
19	640509	VBS UFE 5A 250V (PF)	Yes	
20	648169	VBS UBM 1.6A 250V (PF)	Yes	
21	648259	VBS UBM 2.5A 250V (PF)	Yes	
22	648209	VBS UBM 2A 250V (PF)	Yes	
23	649209	VBS UDA 2A 250V (PF)	Yes	
24	642409	VBS UTE 4A 250V (PF)	Yes	
25	642509	VBS UTE 5A 250V (PF)	Yes	
26	701637	VBS USL 63mA 250V (PF)	Yes	
27	642809	VUC UTE 8A 250V (PF)	Yes	
28	698100	U/C ABE 10A 250V (PF)	Yes	
29	648639	VBS UBM 6.3A 250V (PF)	Yes	
30	699100	U/C ADA 10A 250V (PF)	Yes	
31	640109	VBS UFE 1A 250V (PF)	Yes	
32	640319	VBS UFE 3.15A 250V (PF)	Yes	
33	640508	VBS UFE 500mA 250V (PF)	Yes	
34	648109	VBS UBM 1A 250V (PF)	Yes	
35	648319	VBS UBM 3.15A 250V (PF)	Yes	
36	642109	VBS UTE 1A 250V (PF)	Yes	
37	648809	VUC UBM 8A 250V (PF)	Yes	
38	642319	VBS UTE 3.15A 250V (PF)	Yes	
39	642639	VBS UTE 6.3A 250V (PF)	Yes	
40	642169	VBS UTE 1.6A 250V (PF)	Yes	
41	701108	VBS USL 100mA 250V (PF)	Yes	
42	649509	VBS UDA 5A 250V (PF)	Yes	
43	649409	VBS UDA 4A 250V (PF)	Yes	
44	642259	VBS UTE 2.5A 250V (PF)	Yes	
45	690508T	MET 500mA 250V	Yes	
46	696100	U/C GFE 10A 250V(PF)	Yes	
47	697319	U/C GTE 3.15A 250V (PF)	Yes	
48	640808	VBS UFE 800mA 250V (PF)	Yes	
49	648100	VUC UBM 10A 250V (PF)	Yes	
50	642209	VBS UTE 2A 250V (PF)	Yes	
51	640169	VBS UFE 1.6A 250V (PF)	Yes	

52	640209	VBS UFE 2A 250V (PF)	Yes	
53	649639	VBS UDA 6.3A 250V (PF)	Yes	
54	698150	U/C ABE 15A 250V (PF)	Yes	
55	649109	VBS UDA 1A 250V (PF)	Yes	
56	640259	VBS UFE 2.5A 250V (PF)	Yes	
57	640129	VBS UFE 1.25A 250V (PF)	Yes	
58	642808	VBS UTE 800mA 250V (PF)	Yes	
59	699509	U/C ADA 5A 250V (PF)	Yes	
60	640639	VBS UFE 6.3A 250V (PF)	Yes	
61	MST3.15	MST 3.15A 250V (BK)	Yes	
62	MST.315	MST 315mA 250V (BK)	Yes	
63	649319	VBS UDA 3.15A 250V (PF)	Yes	
64	697309	U/C GTE 3A 250V (PF)	Yes	
65	648258	VBS UBM 250mA 250V (PF)	Yes	
66	642508	VBS UTE 500mA 250V (PF)	Yes	
67	701318	VBS USL 315mA 250V (PF)	Yes	
68	699150	U/C ADA 15A 250V (PF)	Yes	
69	697100	U/C GTE 10A 250V (PF)	Yes	

公司名稱 / (印) :

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負責人 / 職務 :

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