



LIAN DUNG

Lian Dung Electric Wire Material Co., Ltd
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危害物質限用保證書

Environmental Protection Conformity Declaration

敝司保證提供給 貴公司的製品及附屬物品之有害物質含量符合【RoHS 2.0】2011/65 / EU 附件二和修訂指令 (EU) 2015/863、【PAHs】ZEK 01-08、【PFOS】2006/122/EC 與 REACH 之 SVHC 之規範，主要指定物質項目如下所列。

We hereby guarantee that the amount of hazardous substances contained in all or part of products. Submitted to your company conforms to the standards set by the regulation of Directive 【RoHS 2.0】2011/65/EU Annex II and amending Directive (EU)2015/863、【PAHs】ZEK 01-08、【PFOS】2006/122/EC & SVHC of REACH.

The main substances are as listed as below.

NO.	Directive	Substances Articles	Standard (ppm).
1.	RoHS 2.0	(1) 鉛和鉛其化合物 Lead (Pb) and Lead compounds	(1) < 1000 ppm
		(2) 鉛在鋼中合金 Steel alloy	
		RoHS 第 4(1)條要求除去者 It is exempted from the requirements of Article 4(1)	(2) < 0.35 wt%
		(3) 鉛在鋁中合金 Aluminum alloy	
RoHS 第 4(1)條要求除去者 It is exempted from the requirements of Article 4(1)		(3) < 0.4 wt%	
(4) 鉛在銅中和金 Copper alloy			
RoHS 第 4(1)條要求除去者 It is exempted from the requirements of Article 4(1)		(4) < 4 wt%	
2.		鎘和鎘其化合物 Cadmium (Cd) and cadmium compounds	< 100 ppm
3.		汞和汞其化合物 Mercury (Hg) and mercury compounds	< 1000 ppm
4.		六價鉻化合物 Hexavalent-Chromium(Cr ⁶⁺) compounds	< 1000 ppm
5.	多溴聯苯 Polybrominated biphenyls (PBB)	< 1000 ppm	
6.	聚溴二苯醚 Polybrominated diphenyl ethers (PBDE)	< 1000 ppm	
7.	鄰苯二甲酸二(2-乙基己基)酯 (DEHP) Bis (2-ethyl(hexyl)phthalate)	< 1000 ppm	
8.	鄰苯二甲酸甲苯基丁酯 (BBP) Benzyl butyl phthalate	< 1000 ppm	
9.	鄰苯二甲酸二丁酯 (DBP) Dibutyl phthalate	< 1000 ppm	
10.	鄰苯二甲酸二異丁酯 (DIBP) Diisobutyl phthalate	< 1000 ppm	
11.	PAHs	多環芳香碳氫化合物： Polycyclic Aromatic Hydrocarbons(PAHs)	< 200 ppm
		苯並芘 Benzo(a)pyren	< 20 ppm
12.	PFOS	全氟辛硫磺酸鹽 PFOS	<50ppm
13.	SVHC	REACH 高關注物質 SVHC 209 項 (附表一) (註1) Remark 1	<1000ppm(單項)

註1：針對鉛，LIAN DUNG部份產品銅管使用銅合金，其含鉛量大於1000ppm，在這種情況下，鉛含量仍是符合ROHS指令 (2011/65/EU)附錄III中豁免 6(c) (在銅合金中鉛含量不超過4%)；根據REACH法規要求SVHC物質<0.1%需告知客戶，故特此告知。

Remark 1: Regarding to the containing of Pb substance, part of the LIAN DUNG's products whose copper tube use copper alloy which exceeds 1000ppm. In the this case, the containing of Pb is still complied with the exemption by RoHS directive 2011/65/EU based on ANNEX III 6(C): Copper alloy containg up to 4% lead by weight ; following the REACH Regulation, the containing of SVHC-Pb is requested to be below <0.1%. Once it is not conformed, be sure to inform to the customer. Thus, we hereby inform to you.

※若本公司違反上述保證書，因而造成的損失及風險，本公司將承擔一切責任。

姓名 (Name) : 林明宗

公司印章 (Company Stamp) :

職位 (Position) : 管理代表

日期 (Date) : 2020.08.21



No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
1	蒽 Anthracene	120-12-7	204-371-1
2	4,4'-二氨基二苯甲烷 4,4'-Diaminodiphenylmethane	101-77-9	202-974-4
3	鄰苯二甲酸二丁酯 Dibutyl phthalate	84-74-2	201-557-4
4	氯化鈷 Cobalt dichloride	7646-79-9	231-589-4
5	五氧化砷 Diarsenic pentaoxide	1303-28-2	215-116-9
6	三氧化二砷 Diarsenic trioxide	1327-53-3	215-481-4
7	重鉻酸鈉 Sodium dichromate	7789-12-0	-
8	二甲苯麝香 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4
9	鄰苯二甲酸二(2-乙基己)酯 Bis(2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0
10	六溴環十二烷 Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4 221-695-9
11	C10-13 氯代烴(短鏈氯化蠟) Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5
12	三丁基氧化錫 Bis(tributyltin)oxide	56-35-9	200-268-0
13	酸式砷酸鉛 Lead hydrogen arsenate	7784-40-9	232-064-2
14	鄰苯二甲酸丁苄酯 Benzyl butyl phthalate	85-68-7	201-622-7
15	三乙基砷酸酯 Triethyl arsenate	15606-95-8	427-700-2

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
16	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	204-450-0
17	蒽油 Anthracene oil	90640-80-5	292-602-7
18	蒽油, 蒽糊, 輕油 Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5
19	蒽油, 蒽糊, 蒽餾分離液 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9
20	蒽油, 含蒽量少 Anthracene oil, anthracene-low	90640-82-7	292-604-8
21	蒽油, 蒽糊 Anthracene oil, anthracene paste	90640-81-6	292-603-2
22	二異丁基鄰苯二甲酯 Diisobutyl phthalate	84-69-5	201-553-2
23	鉻酸鉛 Lead chromate	7758-97-6	231-846-0
24	紅色鉬鉻酸鉛硫酸鹽 (C.I. 紅色 104) Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9
25	黃色硫化鉻酸鉛 (C.I. 黃色 34) Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7
26	三(2-氯乙基)磷酸酯	115-96-8	204-118-5

	Tris(2-chloroethyl)phosphate		
27	煤瀝青, 高溫 (Coal tar pitch, high temperature)	65996-93-2	266-028-2

SVHC 2010.03.30

28	丙烯醯胺 Acrylamide	79-06-1	201-173-7
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第三批 SVHC 2010.06.18

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
29	三氯乙烯 Trichloroethylene	79-01-6	201-167-4
30	硼酸 Boric acid	10043-35-3 / 11113-50-1	233-139-2 / 234-343-4
31	無水四硼酸二鈉 Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	水合硼酸鈉 Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3
33	鉻酸鈉 Sodium chromate	7775-11-3	231-889-5
34	鉻酸鉀 Potassium chromate	7789-00-6	232-140-5
35	重鉻酸銨 Ammonium dichromate	7789-09-5	232-143-1
36	重鉻酸鉀 Potassium dichromate	7778-50-9	231-906-6

第四批 SVHC 2010.12.15

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
37	硫酸鈷 Cobalt(II) sulphate	10124-43-3	233-334-2
38	硝酸鈷 Cobalt(II) dinitrate	10141-05-6	233-402-1
39	碳酸鈷 Cobalt(II) carbonate	513-79-1	208-169-4
40	醋酸鈷 Cobalt(II) diacetate	71-48-7	200-755-8
41	乙二醇單甲醚 2-Methoxyethanol	109-86-4	203-713-7
42	乙二醇單乙醚 2-Ethoxyethanol	110-80-5	203-804-1
43	三氧化鉻 Chromium trioxide	1333-82-0	215-607-8
44	鉻酸及其寡聚體產生的酸類： 鉻酸 Chromic acid 重鉻酸 Dichromic acid 鉻酸及重鉻酸的寡聚體 Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5

第五批 SVHC 2011.06.20

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
45	乙二醇乙醚乙酸酯 (2-ethoxyethyl acetate)	111-15-9	203-839-2
46	鉻酸鋇 (strontium chromate)	7789-6-2	232-142-6
47	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
48	聯氨 (Hydrazine)	7803-57-8 302-01-2	206-114-9

49	N-甲基吡咯烷酮 (1-methyl-2-pyrrolidone)	872-50-4	212-828-1
50	1,2,3-三氯丙烷 (1,2,3-trichloropropane)	96-18-4	202-486-1
51	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

第六批 SVHC 2011.12.19

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
52	對特辛基苯酚/ 辛基酚 4-tert-Octylphenol	140-66-9	205-426-2
53	鄰甲氧基苯胺 2-Methoxyaniline	90-04-0	201-963-1
54	砷酸 Arsenic acid	7778-39-4	231-901-9
55	砷酸鈣 Calcium arsenate	7778-44-1	231-904-5
56	砷酸鉛 Trilead diarsenate	3687-31-8	222-979-5
57	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	203-458-1
58	雙(2-甲氧基乙基)醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4
59	鄰苯二甲酸雙(2-甲氧基乙基)酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
60	N,N-二甲基乙醯胺 N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
61	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
62	疊氮化鉛 Lead diazide, Lead azide	13424-46-9	236-542-1
63	中性斯蒂酚酸鉛 Lead styphnate	15245-44-0	239-290-0
64	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
65	鉻酸鉻 Dichromium tris(chromate)	24613-89-6	246-356-2
66	氫氧化鉻酸鉍鉀* Potassium hydroxyoctaoxidizin catedichromate	11103-86-9	234-329-8
67	八氫氧化五鉻酸鉍 Pentazinc chromate octahydroxide	49663-84-5	256-418-0
68	酚酞 Phenolphthalein	77-09-8	201-004-7
69	矽酸鋁，耐火陶瓷纖維(主要成分濃度於可變範圍內) Aluminosilicate Refractory Ceramic Fibres (RCF)	NA	NA
70	鋯矽酸鋁，耐火陶瓷纖維 (主要成分濃度於可變範圍內) Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	NA	NA
71	苦味酸鉛 Lead dipicrate	6477-64-1	229-335-2

第七批 SVHC 2012.06.18

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
72	1,2 - 雙(2 - 甲氧基乙氧基)乙烷 (TEGDME; 三甘醇二甲醚) 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3

73	1,2 - 二甲氧基乙烷, 乙二醇二甲醚 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
74	三氧化二硼 Diboron trioxide	1303-86-2	215-125-8
75	甲酰胺 Formamide	75-12-7	200-842-0
76	甲基磺酸鉛 (II) Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5
77	1,3,5 - 三(環氧乙烷-2 - 基甲基) -1,3,5 - triazinane-2 -2,4,6 - 三酮 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3
78	1,3,5 - 三[(2S,2R)-2,3 - 環氧丙基] -1,3,5 - 三嗪-2,4,6 - (1H,3H,5H) - 三酮 (β-異氰脲酸三縮水甘油酯) 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	423-400-0
79	4,4'-雙(二甲基氨基)二苯甲酮 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5
80	N,N,N',N'-四甲基-4,4'-亞甲基二苯胺 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2
81	[4 - [4,4' - 雙(二甲基氨基)二苯亞甲基]環己基-2,5 - 二烯-1 - 亞基]二甲基氯化銨 (CI 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
82	[4 - [[4 - 苯胺基-1 - 萘基] [4 - (二甲基氨基) 苯基]亞甲基]環己基-2,5 - 二烯-1 - 亞基]二甲基氯化銨 (CI 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
83	α, α-雙[4 - (二甲基氨基) 苯基] -4 - (苯基氨基) 萘-1 - 甲醇 (CI 溶劑 4) α, α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C. I. Solvent Blue 4)	6786-83-0	229-851-8
84	4,4' - 雙(二甲基氨基) -4 " - (甲氨基) 三苯甲醇 4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol	561-41-1	209-218-2

第八批 SVHC 2012.12.19

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
85	氰基氰鉛鹽 Lead cyanamidate	20837-86-9	244-073-9
86	亞硫酸鉛 (II) Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1
87	偶氮二甲醯胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8
88	C16-18-脂肪酸鉛鹽 Fatty acids, C16-18, lead salts	91031-62-8	292-966-7
89	鄰苯二甲酸二異戊酯 Diisopentylphthalate(DIPP)	605-50-5	210-088-4
90	4-氨基聯苯 Biphenyl-4-ylamine	92-67-1	202-177-1
91	四氧化三鉛 Orange lead (lead tetroxide)	1314-41-6	215-235-6
92	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	202-977-0
93	1,2-苯二羧二戊酯 (支鏈和直鏈) 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
94	鄰氨基偶氮甲苯	97-56-3	202-591-2

	o-aminoazotoluene		
95	磷酸氧化鉛 Trilead dioxide phosphonate	12141-20-7	235-252-2
96	環氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	200-879-2
97	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1
98	甲氧基乙酸 Methoxyacetic acid	625-45-6	210-894-6
99	溴代正丙烷 1-bromopropane (n-propyl bromide)	106-94-5	203-445-0
100	全氟代十四酸 Heptacosaf fluorotetradecanoic acid	376-06-7	206-803-4
101	全氟十二烷酸 Tricosaf fluorododecanoic acid	307-55-1	206-203-2
102	全氟十三酸 Pentacosaf fluorotridecanoic acid	72629-94-8	276-745-2
103	氧化鉛與硫酸鉛的複合物 Pentalead tetraoxide sulphate	12065-90-6	235-067-7
104	四乙基鉛 Tetraethyllead	78-00-2	201-075-4
105	雙(十八酸基)二氧代三鉛 Dioxobis(stearato)trilead	12578-12-0	235-702-8
106	鄰苯二甲酸正戊基異戊基酯 N-pentyl-isopentylphthalate	776297-69-9	-
107	三域式硫酸鉛 Tetralead trioxide sulphate	12202-17-4	235-380-9
108	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	211-076-1
109	地樂酚 Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7
110	N-甲基乙酰胺 N-methylacetamide	79-16-3	201-182-6
111	十溴聯苯醚 Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9
112	二鹽基鄰苯二甲酸鉛 [Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5
113	域式乙酸鉛 Acetic acid, lead salt, basic	51404-69-4	257-175-3
114	鈦酸鉛 Lead titanium trioxide	12060-00-3	235-038-9
115	域式硫酸鉛 Lead oxide sulfate	12036-76-9	234-853-7
116	硫酸二甲酯 Dimethyl sulphate	77-78-1	201-058-1
117	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6
118	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	212-658-8
119	分支或線性的壬基酚，含有線性或分支、共價綁定苯酚的9個碳烷基鏈的物質，包括 UVCB 物質以及任何含有獨立或組合的界定明確的同分異構體的物質 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]	-	-

120	辛基酚聚醚-9，包括界定明確的物質以及 UVCB 物質、聚合物和同系物 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-
121	N,N-二甲基甲醯胺 N,N-dimethylformamide	68-12-2	200-679-5
122	呋喃 Furan	110-00-9	203-727-3
123	城式碳酸鉛 Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6
124	摻雜鉛的矽酸鋇 Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	272-271-5
125	3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7
126	鄰甲基苯胺 o-Toluidine	95-53-4	202-429-0
127	氧化鉛 Lead monoxide (lead oxide)	1317-36-8	215-267-0
128	鈦酸鉛鋯 Lead titanium zirconium oxide	12626-81-2	235-727-4
129	4-氨基偶氮苯 4-Aminoazobenzene	60-09-3	200-453-6
130	矽酸鉛 Silicic acid, lead salt	11120-22-2	234-363-3
131	硝酸鉛 Lead dinitrate	10099-74-8	233-245-9
132	氟硼酸鉛 Lead bis(tetrafluoroborate)	13814-96-5	237-486-0
133	二丁基錫 (DBTC) Dibutyltin dichloride (DBTC)	683-18-1	211-670-0
134	順環己烷-1,2-二羧酸酐 Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9
135	甲基六氫苯酐、4-甲基六氫苯酐、甲基六氫化鄰苯二甲酸酐、3-甲基六氫苯二甲酯酐 Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [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	247-094-1 243-072-0 256-356-4 260-566-1
136	全氟十一烷酸 Henicosafuoroundecanoic acid	2058-94-8	218-165-4
137	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1
138	顏料黃 41 Pyrochlore, antimony lead yellow	8012-00-8	232-382-1

第九批 SVHC 2013.06.20

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
139	鎘 Cadmium	7440-43-9	231-152-8
140	氧化鎘 Cadmium oxide	1306-19-0	215-146-2
141	全氟辛酸銨 (APFO) Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
142	全氟辛酸 (PFOA) Pentadecafluorooctanoic acid (PFOA)	335-67-1	209-397-9

143	鄰苯二甲酸二戊酯 (DPP) Dipentyl phthalate (DPP)	131-18-0	205-017-9
144	分支或線性的乙氧基王基酚[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]	-	-

第十批 SVHC 2013.12.16

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
145	硫化鎘 Cadmium sulphide	1306-23-6	215-147-8
146	鄰苯二甲酸二己酯 Dihexyl phthalate(DNHP)	84-75-3	201-559-5
147	CI 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
148	CI 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
149	亞乙基硫脲 Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9
150	醋酸鉛 Lead di (acetate)	301-04-2	206-104-4
151	磷酸三(二甲苯)酯 Trixylyl phosphate	25155-23-1	246-677-8

第十一批 SVHC 2014.06.16

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
152	鄰苯二甲酸二己酯 (支鏈和直鏈) 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5
153	氯化鎘 Cadmium chloride	10108-64-2	233-296-7
154	過硼酸鈉 Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0
155	過氧偏硼酸鈉 Sodium peroxometaborate	7632-04-4	231-556-4

第十二批 SVHC 2014.12.17

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
156	氟化鎘 Cadmium fluoride	7790-79-6	232-222-0
157	硫化鎘 Cadmium sulphate	233-331-6	10124-36-4; 31119-53-6
158	2-[2-羥基-3',5'-二-叔-丁基苯基]-苯並三唑 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6
159	2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
160	二正辛基-双(2-乙基己基巰基乙酸酯)錫 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4
161	二正辛基-双(2-乙基己基巰基乙酸酯)錫和單辛基-三(2-乙基己基巰基乙酸酯)錫的反應物	-	-

	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)		
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第十三批 SVHC 2015.06.15

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
162	鄰苯二甲酸二(C6-C6)烷基酯：(癸基，己基，辛基)酯與1,2-鄰苯二甲酸的複合物且鄰苯二甲酸二己酯含量≥0.3% 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	68515-51-5 68648-93-1	271-094-0 272-013-1
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-仲丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二噁烷[2] [覆蓋任何[1]和[2]或者其任意組合的單獨的異構體（卡拉花醛及其同分易構物）] 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]	-	-

第十四批 SVHC 2015.12.17

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
164	1,3-丙磺內酯 1,3-propanesultone	1120-71-4	214-317-9
165	2,4-貳三級丁基-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	223-383-8
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	253-037-1
167	硝苯 Nitrobenzene	98-95-3	202-716-0
168	全氟壬酸及其鈉與銨鹽 Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3

第十五批 SVHC 2016.06.20

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
169	苯并(a)芘 Benzo[def]chrysene	50-32-8	200-028-5

第十六批 SVHC 2016.12.01

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
170	雙酚 A 4,4'-isopropylidenediphenol(bisphenol A)	80-05-07	201-245-8
171	十九氟癸酸及其鈉和銨鹽 nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	206-400-3 - 221-470-5
172	對(1,1-二甲基丙基)苯酚 p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9
173	4-庚基苯酚，支鍊及直鍊包括含有7個碳烷基鏈的所有獨立的分異構體和所有含有線性或分支7個碳烷基鏈的UVCB物質 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]	-	-

第十七批 SVHC 2017.07.07

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
174	全氟己基磺酸及其鹽類 Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	206-587-1	355-46-4

第十八批 SVHC 2018.01.15

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
175	苯並[a]蒽 Benz[a]anthracene	56-55-3	200-280-6
176	碳酸鎘 Cadmium carbonate	513-78-0	208-168-9
177	氫氧化鎘 Cadmium hydroxide	21041-95-2	244-168-5
178	硝酸鎘 Cadmium nitrate	10325-94-7	233-710-6
179	苯並[a]菲 Chrysene	218-01-9	205-923-4
180	德克隆[包括所有反式和順式異構體及其組合] Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-	-
181	1,3,4-噻唑烷-2,5-二硫酮, 甲醛及4-庚基苯酚支鏈及直鏈反應物, (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]	-	-

第十九批 SVHC 2018.06.27

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
182	八甲基環四矽氧烷(D4) Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7
183	十甲基環戊矽氧烷(D5) Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9
184	十二甲基環己矽氧烷(D6) Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8
185	鉛 Lead	7439-92-1	231-100-4
186	八硼酸二鈉 Disodium octaborate	12008-41-2	234-541-0
187	苯並[G, H, I]芘 Benzo[ghi]perylene	191-24-2	205-883-8
188	氫化三聯苯 Terphenyl hydrogenated	61788-32-7	262-967-7
189	乙二胺(EDA) Ethylenediamine (EDA)	107-15-3	203-468-6
190	偏苯三酸酐(TMA) Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (Trimellitic Anhydride) (TMA)	552-30-7	209-008-0
191	鄰苯二甲酸二環己酯(DCHP) Dicyclohexyl Phthalate (DCHP)	84-61-7	201-545-9

第二十批 SVHC 2019.01.15

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
192	2,2-雙(4-羟基苯基)-4-甲基戊烷 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
193	苯(k)苯駢芴 Benzo[k]fluoranthene	207-08-9	205-916-6
194	苯駢芴 Fluoranthene	206-44-0	205-912-4
195	菲 Phenanthrene	85-01-8	201-581-5
196	芘 Pyrene	129-00-0	204-927-3

197	十一氟己酸及其銨鹽 Undecafluorohexanoic acid and its ammonium salt	307-24-4 21615-47-4	206-196-6 244-479-6
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第二十一批 SVHC 2019.07.16

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
198	2-甲氧基乙酸乙酯 2-methoxyethyl acetate	110-49-6	203-772-9
199	三(4-壬基苯基, 支鍊和直鍊) 亞磷酸酯(TNPP) (4-壬基酚 4-NP, 支鍊和直鍊濃度≥ 0.1% 重量比) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	----	----
200	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸, 及其鹽類與鹵化醯類 (含各自的異構物及其組合) (HFPO-DA) 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) (denoted as HFPO-DA)	----	----
201	4-叔丁基苯酚(PTBP) 4-tert-butylphenol (PTBP)	98-54-4	202-679-0

第二十二批 SVHC 2020.01.16

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
202	2-苄基-2-二甲基氨基-1-(4-嗎啉苯基) 丁酮 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3
203	2-甲基-1-(4-甲硫基苯基)-2-嗎啉基-1-丙酮 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6
204	鄰苯二甲酸二異己酯 Diisohexyl phthalate	71850-09-4	276-090-2
205	全氟丁烷磺酸(PFBS)及其鹽 Perfluorobutane sulfonic acid (PFBS) and its salts	-	-

第二十三批 SVHC 2020.06.25

No.	SUBSTANCE NAME	CAS NUMBER	EC NUMBER
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	214-012-0
207	2-甲基咪唑 2-methylimidazole	693-98-1	211-765-7
208	二丁基双(2,4-戊二酸根合-0,0')-(OC-6-11)-錫; 双(乙酰丙酮酸)二丁基錫 Dibutylbis(pentane-2,4-dionato-0,0')tin	22673-19-4	245-152-0
209	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	202-318-7