**Declaration of REACH Compliance**

**This Declaration is made by Everlight Electronics Co., Ltd. (“Everlight”)** **to  (Please fill in customer's name)****. Concerning the requirement of EC No.1907/2006 Registration, Evaluation, Authorization and Restriction Chemicals (“REACH”), Everlight hereby declares as follows:**

**1. Everlight’s LED products (“Products”) are within the definition of “Articles” in subsection 3 of Article 3 of REACH. To Everlight’s best knowledge, none of the substance contained in said Products meet the registration conditions of Article 7 of REACH; therefore, Everlight is not required to register any of its Products or substances contained therein to the Agency under Article 7 of REACH.**

**2. The Products meet with the 241 SVHC substances of REACH Regulation (EC)**

**1907/2006 request (as Appendix II).**

**3. Everlight will keep monitoring the new development of SVHC requirement. However, in consideration of difference of product use conditions, test methods and locations, which may causes variation in the SVHC content in the Products, if the Products meet the requirements for reporting, Everlight will submit related information in accordance with REACH requirements.**

**Everlight Electronics Co., Ltd.**

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**Robert Yeh**

**President**

**Date:**

**Appendix I Everlight’s Product**

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| (Please fill in part number ) |  |
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**Appendix II**

**第一批 SVHC**

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| **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 | C 1 0 - 1 3 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 |

**第二批 SVHC**

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| **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 | 丙烯醯胺  Acrylamide | 79-06-1 | 201-173-7 |
| 27 | 三2-(氯乙基)磷酸酯 Tris(2-chloroethyl)phosphate | 115-96-8 | 204-118-5 |
| 28 | 煤瀝青,高溫  (Coal tar pitch, high temperature) | 65996-93-2 | 266-028-2 |

**第三批 SVHC**

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| **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**

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| **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**

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| **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 | 鉻酸鍶 (strontium chromate) | 7789-06-2 | 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**

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| **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-Methyoxyanline | 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 | 双(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 | 氫氧化鉻酸鋅鉀\*  Potassium hydroxyoctaoxodizin  catedichromate | 11103-86-9 | 234-329-8 |
| 67 | 八氫氧化五鉻酸鋅  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**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 72 | 三甘醇二甲醚  1,2-bis(2-methoxyethoxy)ethane (TEGDME;  triglyme) | 112-49-2 | 203-977-3 |
| 73 | 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 | 甲醯胺  Formamide | 75-12-7 | 200-842-0 |
| 76 | 甲基磺酸鉛  Lead(II) bis(methanesulfonate) | 17570-76-2 | 401-750-5 |
| 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 |
| 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 |
| 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 |
| 80 | 4,4'-(对二甲氨基)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 |
| 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 |
| 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 |
| 83 | 溶劑藍 4  α,α-Bis[4-(dimethylamino)phenyl]-4  (phenylamino)naphthalene-1-methanol (C.I.  Solvent Blue 4) | 6786-83-0 | 229-851-8 |
| 84 | α, α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇  4,4'-bis(dimethylamino)-4''-(methylamino)trityl  alcohol | 561-41-1 | 209-218-2 |

**第八批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 85 | 十溴聯苯醚  Bis(pentabromophenyl) ether (DecaBDE) | 1163-19-5 | 214-604-9 |
| 86 | 全氟十三酸  Pentacosafluorotridecanoic acid | 72629-94-8 | 276-745-2 |
| 87 | 全氟十二烷酸  Tricosafluorododecanoic acid | 307-55-1 | 206-203-2 |
| 88 | 全氟十一烷酸  Henicosafluoroundecanoic acid | 2058-94-8 | 218-165-4 |
| 89 | 全氟代十四酸  Heptacosafluorotetradecanoic acid | 376-06-7 | 206-803-4 |
| 90 | 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 | - | - |
| 91 | 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 | - | - |
| 92 | 偶氮二甲醯胺  Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 204-650-8 |
| 93 | 順環己烷-1,2-二羧酸酐  Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride | 85-42-7,  13149-00-3, 14166-21-3 | 201-604-9, 236-086-3, 238-009-9 |
| 94 | 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  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 | 247-094-1, 243-072-0, 256-356-4, 260-566-1 |
| 95 | 甲氧基乙酸  Methoxy acetic acid | 625-45-6 | 210-894-6 |

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| 96 | 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 |
| 97 | 鄰苯二甲酸二異戊酯  Diisopentylphthalate (DIPP) | 605-50-5 | 210-088-4 |
| 98 | 鄰苯二甲酸正戊基異戊基酯  N-pentyl-isopentylphtalate | 776297-69-9 | - |
| 99 | 乙二醇二乙醚  1,2-Diethoxyethane | 629-14-1 | 211-076-1 |
| 100 | N,N-二甲基甲醯胺  N,N-dimethylformamide; dimethyl formamide | 68-12-2 | 200-679-5 |
| 101 | 二丁基錫  Dibutyltin dichloride (DBT) | 683-18-1 | 211-670-0 |
| 102 | 堿式乙酸鉛  Acetic acid, lead salt, basic | 51404-69-4 | 257-175-3 |
| 103 | 堿式碳酸鉛  Trilead bis(carbonate)dihydroxide (basic lead carbonate) | 1319-46-6 | 215-290-6 |
| 104 | 堿式硫酸鉛  Lead oxide sulfate (basic lead sulfate) | 12036-76-9 | 234-853-7 |
| 105 | 二鹽基鄰苯二甲酸鉛  [Phthalato(2-)]dioxotrilead (dibasic lead phthalate) | 69011-06-9 | 273-688-5 |
| 106 | 雙(十八酸基)二氧代三鉛  Dioxobis(stearato)trilead | 12578-12-0 | 235-702-8 |
| 107 | C16-18-脂肪酸鉛鹽  Fatty acids, C16-18, lead salts | 91031-62-8 | 292-966-7 |
| 108 | 氟硼酸鉛  Lead bis(tetrafluoroborate) | 13814-96-5 | 237-486-0 |
| 109 | 氨基氰鉛鹽  Lead cynamidate | 20837-86-9 | 244-073-9 |
| 110 | 硝酸鉛  Lead dinitrate | 10099-74-8 | 233-245-9 |
| 111 | 氧化鉛  Lead oxide (lead monoxide) | 1317-36-8 | 215-267-0 |
| 112 | 四氧化三鉛  Lead tetroxide (orange lead) | 1314-41-6 | 215-235-6 |
| 113 | 鈦酸鉛  Lead titanium trioxide | 12060-00-3 | 235-038-9 |
| 114 | 鈦酸鉛鋯  Lead Titanium Zirconium Oxide | 12626-81-2 | 235-727-4 |

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| 115 | 氧化鉛與硫酸鉛的複合物  Pentalead tetraoxide sulphate | 12065-90-6 | 235-067-7 |
| 116 | 顏料黃41  Pyrochlore, antimony lead yellow | 8012-00-8 | 232-382-1 |
| 117 | 摻雜鉛的矽酸鋇  Silicic acid, barium salt, lead-doped | 68784-75-8 | 272-271-5 |
| 118 | 矽酸鉛  Silicic acid, lead salt | 11120-22-2 | 234-363-3 |
| 119 | 亞硫酸鉛（II）  Sulfurous acid, lead salt, dibasic | 62229-08-7 | 263-467-1 |
| 120 | 四乙基鉛  Tetraethyllead | 78-00-2 | 201-075-4 |
| 121 | 三堿式硫酸鉛  Tetralead trioxide sulphate | 12202-17-4 | 235-380-9 |
| 122 | 磷酸氧化鉛  Trilead dioxide phosphonate | 12141-20-7 | 235-252-2 |
| 123 | 呋喃  Furan | 110-00-9 | 203-727-3 |
| 124 | 環氧丙烷  Propylene oxide; 1,2-epoxypropane; methyloxirane | 75-56-9 | 200-879-2 |
| 125 | 硫酸二乙酯  Diethyl sulphate | 64-67-5 | 200-589-6 |
| 126 | 硫酸二甲酯  Dimethyl sulphate | 77-78-1 | 201-058-1 |
| 127 | 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 |
| 128 | 地樂酚  Dinoseb | 88-85-7 | 201-861-7 |
| 129 | 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 |
| 130 | 4,4'-二氨基二苯醚  4,4'-oxydianiline and its salts | 101-80-4 | 202-977-0 |
| 131 | 4-胺基偶氮苯  4-Aminoazobenzene; 4-Phenylazoaniline | 60-09-03 | 200-453-6 |
| 132 | 2,4-二氨基甲苯  4-methyl-m-phenylenediamine (2,4-toluene-diamine) | 95-80-7 | 202-453-1 |
| 133 | 2-甲氧基-5-甲基苯胺  6-methoxy-m-toluidine (p-cresidine) | 120-71-8 | 204-419-1 |
| 134 | 4-氨基聯苯  Biphenyl-4-ylamine | 92-67-1 | 202-177-1 |
| 135 | 鄰氨基偶氮甲苯  o-aminoazotoluene | 97-56-3 | 202-591-2 |
| 136 | 鄰甲基苯胺  o-Toluidine; 2-Aminotoluene | 95-53-4 | 202-429-0 |
| 137 | N-甲基乙酰胺  N-methylacetamide | 79-16-3 | 201-182-6 |
| 138 | 溴代正丙烷  1-bromopropane; n-propyl bromide | 106-94-5 | 203-445-0 |

**第九批 SVHC**

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| **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 | 十五代氟辛酸銨鹽  Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 223-320-4 |
| 142 | 全氟辛酸  Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 206-397-9 |
| 143 | 鄰苯二甲酸二正戊酯  Dipentyl phthalate (DPP) | 131-18-0 | 205-017-9 |
| 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**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 145 | 硫化鎘  Cadmium sulphide | 1306-23-6 | 215-147-8 |
| 146 | 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 |
| 147 | 直接黑28  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 |
| 148 | 鄰苯二甲酸二己酯  Dihexyl phthalate | 84-75-3 | 201-559-5 |
| 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**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 152 | 氯化鎘  Cadmium chloride | 10108-64-2 | 233-296-7 |
| 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 | 271-093-5 |
| 154 | 過硼酸鈉  Sodium peroxometaborate | 7632-04-4 | 231-556-4 |
| 155 | 過硼酸鈉  Sodium perborate; perboric acid, sodium salt | - | 239-172-9  234-390-0 |

**第十二批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 156 | 氟化鎘  Cadmium fluoride | 7790‐79‐6 | 232‐222‐0 |
| 157 | 硫酸鎘  Cadmium sulphate | 10124‐36‐4,  31119‐53‐6 | 233‐331‐6 |
| 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-tert-butylphenol (UV-320) | 3846‐71‐7 | 223‐346‐6 |
| 159 | 2-(2H-苯并三唑-2-基)-4,6-二三級戊基苯酚 (UV-328)  2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973‐55‐1 | 247‐384‐8 |
| 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-di  thia-4-stannatetradecanoate (DOTE) | 15571‐58‐1 | 239‐622‐4 |
| 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-di  thia-4-stannatetradecanoate and 2-ethylhexyl  10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxo  ethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dith  ia-4-stannatetradecanoate (reaction  mass of DOTE and MOTE) | - | - |

**第十三批 SVHC**

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| **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≥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-（2,4-二甲基環丁-3-烯-1-基）-5-甲基-1,3-二惡烷[1]，5-仲丁基-2-（4,6-二甲基環己-3-烯-1-基）-5-甲基-1,3-二惡烷[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**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 164 | 硝苯  Nitrobenzene | 98-95-3 | 202-716-0 |
| 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 | 1,3-丙磺內酯  1,3-propanesultone | 1120-71-4 | 214-317-9 |
| 168 | 全氟壬酸及其鈉與銨鹽  Perfluorononan-1-oic-acid and its sodium and ammonium salt | 375-95-1 | 206-801-3 |

**第十五批 SVHC**

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

**第十六批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 170 | 雙酚A 4,4’-isopropylidenediphenol (bisphenol A; BPA)) | 80-05-7 | 201-245-8 |
| 171 | 4-庚基苯酚, 支鍊及直鍊 包括含有7個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支7個碳烷基鏈的UVCB物質 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] | - | - |
| 172 | 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 |
| 173 | 對(1,1-二甲基丙基)苯酚 p-(1,1-dimethylpropyl)phenol  4-tert-pentylphenol (PTAP) | 80-46-6 | 201-280-9 |

**第十七批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 174 | 雙酚A 4,4’-isopropylidenediphenol (bisphenol A; BPA) | 80-05-7 | 201-245-8 |
| 全氟己基磺酸及其鹽類  Perfluorohexane-1-sulphonic acid and its salts (PFHxS) | 355-46-4 | 206-587-1 |

**第十八批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 175 | 1,2-苯并菲;  Chrysene | 218-01-9 | 205-923-4 |
| 176 | 苯[a]蔥  Benz[a]anthracene | 56-55-3 | 200-280-6 |
| 177 | 硝酸鎘  Cadmium nitrate | 10325-94-7 | 233-710-6 |
| 178 | 氫氧化鎘  Cadmium hydroxide | 21041-95-2 | 244-168-5 |
| 179 | 碳酸鎘  Cadmium carbonate | 513-78-0 | 208-168-9 |
| 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”TM)[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”TM) [covering any of its individual anti- and syn-isomers or any combinationthereof] | - | - |
| 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] | - | - |

**第十九批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 182 | 1,2,4-苯三甲酸酐  Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (Trimellitic Anhydride) (TMA) | 552-30-7 | 209-008-0 |
| 183 | 苯并[g,h,I]苝  Benzo[ghi]perylene | 191-24-2 | 205-883-8 |
| 184 | 十甲基環五矽氧烷  Decamethylcyclopentasiloxane (D5) | 541-02-6 | 208-764-9 |
| 185 | 鄰苯二甲酸二環己酯  Dicyclohexyl phthalate (DCHP) | 84-61-7 | 201-545-9 |
| 186 | 八硼酸二鈉  Disodium octaborate | 12008-41-2 | 234-541-0 |
| 187 | 十二甲基環六矽氧烷  Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 208-762-8 |
| 188 | 乙二胺  Ethylenediamine (EDA) | 107-15-3 | 203-468-6 |
| 189 | 鉛  Lead | 7439-92-1 | 231-100-4 |
| 190 | 八甲基環四矽氧烷  Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 209-136-7 |
| 191 | 氫化聯三苯  Terphenyl, hydrogenated | 61788-32-7 | 262-967-7 |

**第二十批 SVHC**

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| **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 | 苯并[k]荧蒽  Benzo[k]fluoranthene | 207-08-9 | 205-916-6 |
| 194 | 荧蒽  Fluoranthene | 206-44-0  93951-69-0 | 205-912-4 |
| 195 | 菲  Phenanthrene | 85-01-8 | 201-581-5 |
| 196 | 芘  Pyrene | 129-00-0  1718-52-1 | 204-927-3 |
| 197 | 1,7,7-三甲基-3-(苯亞甲基)雙環[2,2,1]庚烷-2-酮 (3-苯亞甲基樟腦)  1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) | 15087-24-8 | 239-139-9 |

**第二十一批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 198 | 2,3,3,3-四氟-2-（七氟丙氧基）丙酸及其鹽和醯基鹵化物(包括任何含有獨立或組合的同分異構體物質) (HFPO-DA) [2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides](https://echa.europa.eu/substance-information/-/substanceinfo/100.273.068) (covering any of their individual isomers and combinations thereof | - | - |
| 199 | 甲氧基乙酸乙酯 [2-methoxyethyl acetate](https://echa.europa.eu/substance-information/-/substanceinfo/100.003.431) | 110-49-6 | 203-772-9 |
| 200 | 4-叔丁基苯酚 [4-tert-butylphenol](https://echa.europa.eu/substance-information/-/substanceinfo/100.002.436)(PTBP) | 98-54-4 | 202-679-0 |
| 201 | 三(4-壬基苯基，支鏈和直鏈)亞磷酸酯含0.1%W/W的4-壬基苯酚(支鏈和直鏈）TNPP [Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)](https://echa.europa.eu/substance-information/-/substanceinfo/100.264.200) | - | - |

**第二十二批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 202 | 2-芐基-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-(甲基硫代)苯基]-2-(4-嗎啉基)-1-丙酮  2-methyl-1-(4-methylthiophenyl)-2-morpholino propan-1-one | 71868-10-5 | 400-600-6 |
| 204 | 二異己基鄰苯二甲酸酯 Diisohexyl phthalate | 71850-09-4 | 276-090-2 |
| 205 | 全氟丁烷磺酸及其鹽類  Perfluorobutane sulfonic acid (PFBS) and its salts | - | - |

**第二十三批 SVHC**

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| **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 | 4-羥基苯甲酸丁酯  Butyl 4-hydroxybenzoate | 94-26-8 | 202-318-7 |
| 209 | 二正丁基雙(乙醯丙酮酸)錫  Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | 245-152-0 |

**第二十四批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 210 | Bis(2-(2-methoxyethoxy)ethyl)ether  雙（2-（2-甲氧基乙氧基）乙基）醚 | 143-24-8 | 205-594-7 |
| 211 | Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety  二月桂酸二辛基錫，錫烷，二辛基-雙（椰油醯氧基）衍生物，以及任何其他錫烷，二辛基-二雙（脂肪醯氧基）衍生物。 其中C12是脂肪醯氧基部分的主要碳原子數 | - | - |

**第二十五批 SVHC**

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 212 | 2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers  2-(4-叔丁基苄基)丙醛及其各自立體異構物 | - | - |
| 213 | Orthoboric acid, sodium salt  硼酸鈉鹽 | 13840-56-7 | 237-560-2 |
| 214 | 2,2-bis(bromomethyl)propane1,3-diol (BMP)  2,2-雙(溴甲基)-1,3-丙二醇  2,2-dimethylpropan-1-ol, tribromo derivative / 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)  3-溴-2,2-雙(溴甲基)-1-丙醇  2,3-dibromo-1-propanol (2,3-DBPA)  2,3-二溴-1-丙醇 | 3296-90-0  36483-57-5/  1522-92-5  96-13-9 | 221-967-7  253-057-0  202-480-9 |
| 215 | Glutaral  戊二醛 | 111-30-8 | 203-856-5 |
| 216 | Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]  中鏈氯化石蠟[UVCB物質，含量大於或等於80％碳鏈長度在C14至C17範圍內的直鏈氯代烷烴] | - | - |
| 217 | Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)  透過由寡聚物反應烷基化的酚產物(主要在對位位置)具有12個碳支鏈或直鏈，並涵蓋其他同分異構物與/或其它組合 | - | - |
| 218 | 1,4-dioxane  1,4-二氧六環 | 123-91-1 | 204-661-8 |
| 219 | 4,4'-(1-methylpropylidene) bisphenol; (bisphenol B)  雙酚B | 77-40-7 | 201-025-1 |
| **第二十六批 SVHC** | | | |
| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 220 | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]  bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)  (±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]  庚烷-2-酮，包括各個異構體和/或其組合 (4-MBC) | - | - |
| 221 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)  6,6'雙二叔丁基-2,2'-亞甲基雙對甲酚 (DBMC) | 119-47-1 | 204-327-1 |
| 222 | 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  硫-(三環[5.2.1.0'2,6]癸-3-烯-8(或9)-基)  氧-(異丙基或異丁基或2-乙基己基)  氧-(異丙基或異丁基或2-乙基己基) 二硫代磷酸酯 | 255881-94-8 | 401-850-9 |
| 223 | tris(2-methoxyethoxy)vinylsilane  三(2-甲氧基乙氧基)乙烯基矽烷 | 1067-53-4 | 213-934-0 |

第二十七批 SVHC

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 224 | (N-(hydroxymethyl)acrylamide)  N-羥甲基丙烯醯胺 | 924-42-5 | 213-103-2 |

第二十八批 SVHC

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 225 | 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] 1,2-雙(2,4,6-三溴苯氧基)乙烷 | 37853-59-1 | 253-692-3 |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 四溴雙酚A | 79-94-7 | 201-236-9 |
| 227 | 4,4'-sulphonyldiphenol 雙酚S | 80-09-1 | 201-250-5 |
| 228 | Barium diboron tetraoxide 偏硼酸鋇 | 13701-59-2 | 237-222-4 |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 雙(2-乙基己基)四溴鄰苯二甲酸酯，覆蓋任何單個異構體和/或其組合 | - | - |
| 230 | Isobutyl 4-hydroxybenzoate 4-羥基苯甲酸 2-甲基丙酯 | 4247-02-3 | 224-208-8 |
| 231 | Melamine 三聚氰胺 | 108-78-1 | 203-615-4 |
| 232 | Perfluoroheptanoic acid and its salts 全氟庚酸及其鹽類 | - | - |
| 233 | reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine 2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)嗎啉和2,2,3,3,5,5,5,6,6-八氟烷-4-(七氟丙基)嗎啉的反應物料 | - | 473-390-7 |

第二十九批 SVHC

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 234 | bis(4-chlorophenyl) sulphone 4,4'-二氯二苯基碸 | 80-07-9 | 201-247-9 |
| 235 | diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (2,4,6-三甲基苯甲酰基)二苯基氧化膦 | 75980-60-8 | 278-355-8 |

第三十批 SVHC

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 236 | 2,4,6-tri-tert-butylphenol 2,4,6-參-三級-丁基苯酚 | 732-26-3 | 211-989-5 |
| 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol 2-(2H-苯并三唑-2-基)-4-(1,1,3,3-四甲基丁基)苯酚 | 3147-75-9 | 221-573-5 |
| 238 | 2-(dimethylamino)-2-[(4-  methylphenyl)methyl]-1-[4-  (morpholin-4-yl)phenyl]butan-1-one 2-(二甲胺基)-2[(4-甲基苯  基)甲基]-1-[4-(【口末】啉4-基)苯基]丁-1-酮 | 119344-86-4 | 438-340-0 |
| 239 | Bumetrizole布美三唑 | 3896-11-5 | 223-445-4 |
| 240 | 2-苯基丙烯與苯酚的寡聚和  烷基化反應產物  Oligomerisation and alkylation  reaction products of 2-phenylpropeneand phenol | - | 700-960-7 |

第三十一批 SVHC

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| **No.** | **SUBSTANCE NAME** | **CAS NUMBER** | **EC NUMBER** |
| 241 | Bis(α,α-dimethylbenzyl) peroxide 過氧化二異丙苯 | 80-43-3 | 201-279-3 |