

## 关联资料1 JVCKENWOOD特定化学物质表(物质群 / 物质)

(此表适用于市场销售·民生·业务之用途的产品/零部件)

对于以下(物质群 / 物质)的更多信息, 请参阅(关联资料2 JVCKENWOOD特定化学物质质详信息)

Ver. 3.1

| NO | 分类   | 物质名                       | 物质名(英语)  | 阈值标准(报告标准)   | 注解NO |
|----|------|---------------------------|--|--|------|
| 1  | 规定/R | 镉/镉化合物                    | Cadmium/cadmium compounds                                    | 对均质材料的含有率为 0.01wt%(100ppm)<br>电池的情况为电池的 0.001wt%(10 ppm)<br>包装材料为4种物质总含量的 0.01wt%(100ppm)<br>对塑料产品禁止有意添加   | ※2※6 |
| 2  | 规定/R | 六价铬化合物                    | Chromium VI compounds  | 对均质材料的含有率为 0.1wt%(1000ppm)<br>包装材料为4种物质总含量的 0.01wt%(100ppm)<br>皮革产品的含有率为 0.0003wt%(3ppm)   | ※6   |
| 3  | 规定/R | 铅/铅化合物                    | Lead/lead compounds  | 对均质材料的含有率为 0.1wt%(1000ppm)<br>对电线和电缆(覆盖热硬化性/热可塑性材料)的表层可接触面之含有率为 0.03wt%(300ppm)<br>电池的情况为电池的 0.004wt%(40ppm)<br>儿童用产品为 0.01wt%(100 ppm)<br>儿童用产品及玩具用途的情况为, 对表面涂层层含量的 0.009wt%(90ppm)<br>包装材料为4种物质总含量的 0.01wt%(100ppm)<br>没有电器产品500ppm 例如, 案例和宣传品 | ※2※6 |
| 4  | 规定/R | 水银/水银化合物                  | Mercury/mercury compounds                                    | 有意添加<br>对均质材料的含有率为 0.1wt%(1000ppm)<br>电池的情况为电池的 0.0001wt%(1 ppm)<br>包装材料为4种物质总含量的 0.01wt%(100ppm)  | ※2※6 |
| 5  | 规定/R | 石棉类                       | Asbestos   | 有意添加   |      |
| 6  | 规定/R | 生成一部分芳香族胺的<br>偶氮染料·染料     | Azocolourants and azodyes which form certain aromatic amines | 对纺织品/皮革产品的含有率为 0.003wt%(30ppm)   | ※1   |
| 7  | 规定/R | 臭氧层破坏物质                   | Ozone depleting substances                                   | 有意添加   |      |
| 8  | 规定/R | 氟族温室效应气体<br>(HFC、PFC、SF6) | Fluorinated greenhouse gases (PFC, SF6, HFC)                 | 有意添加   |      |
| 9  | 规定/R | 全氟辛烷磺酸盐 (PFOS)            | Perfluorooctane sulfonate (PFOS)                             | 有意添加   |      |
| 10 | 规定/R | 高氯酸盐                      | Perchlorates   | 为产品的 0.0000006wt%(0.006ppm)  |      |
| 11 | 规定/R | 多溴联苯类<br>(PBB类)           | Polybrominated biphenyls (PBBs)                              | 对均质材料的含有率为 0.1wt%(1000ppm)   |      |
| 12 | 规定/R | 多溴二苯醚<br>(PBDE类)          | Polybrominated diphenyl ethers (PBDEs)                       | 对均质材料的含有率为 0.1wt%(1000ppm)   |      |
| 13 | 规定/R | 二丁基锡化合物 (DBT)             | Dibutyltin (DBT) compounds                                   | 部件中锡的 0.1wt%(1000ppm)  |      |
| 14 | 规定/R | 二辛基锡化合物 (DOT)             | Diocetyl tin (DOT) compounds                                 | 部件中锡的 0.1wt%(1000ppm)  |      |
| 15 | 规定/R | 部分邻苯二甲酸酯类                 | Selected Phthalates  | 有意添加<br>对均质材料的含有率为 0.1wt%(1000ppm)<br>可塑化材料的 0.1wt%(1000ppm)   |      |
| 16 | 规定/R | 多氯联苯类 (PCB类)<br>和特定替代物质   | Polychlorinated biphenyls (PCBs) and specific substitutes    | 有意添加<br>颜料含量超过50ppm的副生PCB  |      |
| 17 | 规定/R | 多氯三联苯类 (PCT类)<br>和特定替代物质  | Polychlorinated terphenyls (PCTs)                            | 对均质材料的含有率为 0.005wt%(50ppm)   |      |
| 18 | 规定/R | 多氯化苯<br>(氯原子数为2以上)        | Polychlorinated naphthalenes (more than 2 chlorine atoms)    | 有意添加   |      |
| 19 | 规定/R | 放射性物质                     | Radioactive substances                                       | 有意添加   |      |
| 20 | 规定/R | 三取代有机锡化合物                 | Tri-substituted organostannic compounds                      | 有意添加<br>材料中锡的 0.1wt%(1000ppm)  | ※3   |

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JVCKENWOOD特定化学物质表 续

|    |      |                                      |  |  |      |
|----|------|--------------------------------------|--|--|------|
| 21 | 信息/I | 溴化阻燃剂<br>(PBB和PBDE或HBCDD除外)          | Brominated flame retardants<br>(other than PBBs, PBDEs, or<br>HBCDD)     | 外观件塑料(材料)的 0.1wt%(1000ppm)<br>层积印刷电路板的情况为, 以层积板中溴的总含量的<br>0.09wt%(900ppm)  | ※7   |
| 22 | 规定/R | 富马酸二甲酯                               | Dimethylfumarate   | 材料中的 0.00001wt%(0.1ppm)  | ※3   |
| 23 | 规定/R | 2-(2H-1,2,3-苯并三唑-2-基)-4,<br>6-二叔丁基苯酚 | Phenol,2-(2H-benzotriazol-2-yl)-4,6-<br>bis(1,1-dimethylethyl)           | 有意添加   |      |
| 24 | 规定/R | 甲醛                                   | Formaldehyde   | 复合木材产品为有意添加<br>纺织产品为产品的 0.0075wt%(75ppm)   | ※4   |
| 25 | 规定/R | 镍 / 镍化合物                             | Nickel/nickel compounds  | 有意添加<br>禁止长时间接触皮肤  | ※5   |
| 26 | 规定/R | 短链型氯石蜡 (C10-C13)                     | Shortchain chlorinated paraffins<br>(C10 - C13)                          | 产品的 0.1wt%(1000ppm)  |      |
| 27 | 规定/R | 三丁基氧化锡(TBTO)                         | Tributyl tin oxide(TBTO)   | 有意添加<br>产品的 0.1wt%(1000ppm)  |      |
| 28 | 信息/I | 氧化铍(BeO)                             | Beryllium oxide (BeO)  | 产品的 0.1wt%(1000ppm)  |      |
| 29 | 信息/I | 聚氯乙烯(PVC)                            | Polyvinyl chloride (PVC)   | 产品的 0.1wt%(1000ppm)  |      |
| 30 | 信息/I | REACH SVHC                           | REACH SVHC   | 请参见以下页   | ※8※9 |
| 31 | 规定/R | 六溴环十二烷(HBCDD)                        | Hexabromocyclododecane<br>(HBCDD)  | 有意添加<br>产品的 0.01wt%(100ppm)  |      |
| 32 | 规定/R | PFOA及其盐和及其酯                          | Perfluorooctanoic acid (PFOA) and<br>individual salts and esters of PFOA | 有意添加<br>产品的 0.1wt%(1000ppm)<br>纤维、及其他表面处理过的产品中1ug/m2<br>物品和混合物中0.000025 重量%(25ppb), PFOA相关物<br>质的中0.0001 重量%(1000ppb) [物品、混合物] |      |
| 33 | 规定/R | 氯系阻燃剂                                | Chlorinated Flame Retardants<br>(CFR)                                    | 外观件塑料(材料)的 0.1wt%(1000ppm)<br>积层板的氯含有合计的 0.09wt%(900ppm)   | ※7   |
| 34 | 规定/R | 多环芳烃(PAH)                            | Polycyclic Aromatic Hydrocarbons<br>(PAHs)                               | 与皮肤接触使用的橡胶或塑料含有0.0001重量%<br>(1 ppm)<br>儿童用产品为 0.00005wt%(0.5 ppm)  |      |

REACH 认可对象候选物质清单(SVHC)

|    |                   |                                      |   |                             |      |
|----|-------------------|--------------------------------------|---|-----------------------------|------|
| 1  | 信息/<br>REACH SVHC | 重铬酸钠                                 | Sodium dichromate   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 2  | 信息/<br>REACH SVHC | 二(三丁基锡)氧化物                           | Tributyl Tin Oxide (TBTO)<br>Bis(tributyltin)oxide  | 有意添加<br>产品的 0.1wt%(1000ppm) | ※8※9 |
| 3  | 信息/<br>REACH SVHC | 氯化-C10-13-烷烃; 短链型氯化石蜡                | Alkanes, C10-13, chloro Short Chain<br>Chlorinated Paraffins  | 有意添加<br>产品的 0.1wt%(1000ppm) | ※8※9 |
| 4  | 信息/<br>REACH SVHC | 4,4'-二氨基二苯基甲烷                        | 4,4'- Diaminodiphenylmethane<br>(MDA)   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 5  | 信息/<br>REACH SVHC | 五氧化二砷                                | Diarsenic pentaoxide  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 6  | 信息/<br>REACH SVHC | 亚砷酸; 三氧化二砷; 砒霜; 白砒                   | Diarsenic trioxide  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 7  | 信息/<br>REACH SVHC | 三乙基砷酸酯                               | Triethyl arsenate   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 8  | 信息/<br>REACH SVHC | 砷酸氢铅                                 | Lead hydrogen arsenate  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 9  | 信息/<br>REACH SVHC | 苯二甲酸苄丁酯                              | Benzyl butyl phthalate (BBP)  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 10 | 信息/<br>REACH SVHC | 邻苯二甲酸二丁酯                             | Dibutyl phthalate (DBP)   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 11 | 信息/<br>REACH SVHC | 邻苯二甲酸二(α-乙基己酯)                       | Bis (2-ethylhexyl)phthalate(DEHP)   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 12 | 信息/<br>REACH SVHC | 六溴环十二烷<br>(及全部的主要非对映异构体)             | Hexabromocyclododecane<br>(HBCDD) and all major<br>diastereoisomers identified (α -<br>HBCDD, β-HBCDD, γ-HBCDD) | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 13 | 信息/<br>REACH SVHC | 蒽                                    | Anthracene  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 14 | 信息/<br>REACH SVHC | 氯化钴(II)                              | Cobalt dichloride   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 15 | 信息/<br>REACH SVHC | 1-(1,1-二甲基乙基)-3,5-二甲基-<br>2,4,6-三硝基苯 | 5-tert-butyl-2,4,6-trinitro-m-xylene<br>(musk xylene)   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 16 | 信息/<br>REACH SVHC | 2,4-二硝基甲苯                            | 2,4-Dinitrotoluene  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 17 | 信息/<br>REACH SVHC | 蒽油                                   | Anthracene oil  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 18 | 信息/<br>REACH SVHC | 蒽油, 蒽糊, 轻油                           | Anthracene oil, anthracene paste,<br>distn. Lights  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 19 | 信息/<br>REACH SVHC | 蒽油, 蒽糊, 蒽馏分                          | Anthracene oil, anthracene paste,<br>anthracene fraction  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 20 | 信息/<br>REACH SVHC | 蒽油, 含量少                              | Anthracene oil, anthracene-low;<br>Anthracene Oil Fraction  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 21 | 信息/<br>REACH SVHC | 蒽油, 蒽糊                               | Anthracene oil, anthracene paste  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 22 | 信息/<br>REACH SVHC | 邻苯二甲酸二异丁酯                            | Diisobutyl phthalate  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 23 | 信息/<br>REACH SVHC | 铬酸铅                                  | Lead chromate   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 24 | 信息/<br>REACH SVHC | 硫酸铬钼红(C. I. 颜料红104)                  | Lead chromate molybdate sulfate<br>red (C.I. Pigment Red 104)   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 25 | 信息/<br>REACH SVHC | C. I. 颜料黄34                          | Lead sulfochromate yellow<br>(C.I. Pigment Yellow 34)   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 26 | 信息/<br>REACH SVHC | 三(β-氯乙基)磷酸酯                          | Tris(2-chloroethyl)phosphate  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 27 | 信息/<br>REACH SVHC | 高温煤沥青                                | Pitch, coal tar, high temp.   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 28 | 信息/<br>REACH SVHC | 2-丙烯酰胺                               | Acrylamide  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 29 | 信息/<br>REACH SVHC | 三氯乙烯                                 | Trichloroethylene   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 30 | 信息/<br>REACH SVHC | 硼酸                                   | Boric acid  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 31 | 信息/<br>REACH SVHC | 硼砂                                   | Disodium tetraborate,<br>anhydrous  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 32 | 信息/<br>REACH SVHC | 水合硼酸钠                                | Tetraboron disodium heptaoxide,<br>hydrate  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 33 | 信息/<br>REACH SVHC | 铬酸钠                                  | Sodium chromate   | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 34 | 信息/<br>REACH SVHC | 铬酸钾                                  | Potassium chromate  | 产品的 0.1wt%(1000ppm)         | ※8※9 |
| 35 | 信息/<br>REACH SVHC | 重铬酸铵                                 | Ammonium dichromate   | 产品的 0.1wt%(1000ppm)         | ※8※9 |

|    |                   |  |  |                     |      |
|----|-------------------|--|--|---------------------|------|
| 36 | 信息/<br>REACH SVHC | 重铬酸钾                                     | Potassium dichromate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 37 | 信息/<br>REACH SVHC | 硫酸钴                                      | Cobalt(II) sulphate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 38 | 信息/<br>REACH SVHC | 硝酸钴(2+)                                  | Cobalt(II) dinitrate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 39 | 信息/<br>REACH SVHC | 碳酸钴(II)                                  | Cobalt(II) carbonate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 40 | 信息/<br>REACH SVHC | 乙酸钴                                      | Cobalt(II) diacetate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 41 | 信息/<br>REACH SVHC | 2-甲氧基乙醇                                  | 2-Methoxyethanol   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 42 | 信息/<br>REACH SVHC | 2-乙氧基乙醇                                  | 2-Ethoxyethanol  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 43 | 信息/<br>REACH SVHC | 三氧化铬                                     | Chromium trioxide  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 44 | 信息/<br>REACH SVHC | 三氧化铬及其低聚物产生的酸<br>铬酸<br>重铬酸<br>铬酸及重铬酸的低聚物 | Acids generated from chromium trioxide and their oligomers<br>Group containing:<br>Chromic acid<br>Dichromic acid<br>Oligomers of chromic acid and dichromic acid  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 45 | 信息/<br>REACH SVHC | 1, 2, 3-三氯丙烷                             | 1,2,3-Trichloropropane   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 46 | 信息/<br>REACH SVHC | 邻苯二甲酸二C6-8支链烷基酯(富C7)                     | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 47 | 信息/<br>REACH SVHC | 1, 2-苯二酸-二(C7-11支链与直链)烷基(醇)酯             | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 48 | 信息/<br>REACH SVHC | 1-甲基-2-吡咯烷酮                              | 1-Methyl-2-pyrrolidone   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 49 | 信息/<br>REACH SVHC | 乙酸-2-乙氧基乙酯                               | 2-Ethoxyethyl acetate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 50 | 信息/<br>REACH SVHC | 肼; 无水联胺                                  | Hydrazine  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 51 | 信息/<br>REACH SVHC | 铬酸锶                                      | Strontium chromate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 52 | 信息/<br>REACH SVHC | 氧化锆硅酸铝耐火陶瓷纤维                             | Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 53 | 信息/<br>REACH SVHC | 砷酸钙                                      | Calcium arsenate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 54 | 信息/<br>REACH SVHC | 二甘醇二甲醚                                   | Bis(2-methoxyethyl) ether  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 55 | 信息/<br>REACH SVHC | 硅酸铝耐火陶瓷纤维                                | Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight                      | 产品的 0.1wt%(1000ppm) | ※8※9 |

|    |                   |  |   |                     |      |
|----|-------------------|--|---|---------------------|------|
| 56 | 信息/<br>REACH SVHC | 氢氧化铬酸锌钾  | Potassium hydroxyoctaoxodizincatedichromate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 57 | 信息/<br>REACH SVHC | 苦味酸铅   | Lead dipicrate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 58 | 信息/<br>REACH SVHC | N,N-二甲基乙酰胺   | N,N-dimethylacetamide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 59 | 信息/<br>REACH SVHC | 砷酸   | Arsenic acid  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 60 | 信息/<br>REACH SVHC | 邻氨基苯甲醚   | 2-Methoxyaniline; o-Anisidine   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 61 | 信息/<br>REACH SVHC | 砷酸铅  | Trilead diarsenate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 62 | 信息/<br>REACH SVHC | 1,2-二氯乙烷   | 1,2-dichloroethane  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 63 | 信息/<br>REACH SVHC | 氢氧化铬酸锌   | Pentazinc chromate octahydroxide  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 64 | 信息/<br>REACH SVHC | 甲醛与苯胺的聚合物  | Formaldehyde, oligomeric reaction products with aniline   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 65 | 信息/<br>REACH SVHC | 1,2-苯二甲酸二(2-甲氧乙基)酯                                 | Bis(2-methoxyethyl) phthalate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 66 | 信息/<br>REACH SVHC | 4-(1,1,3,3-四甲基丁基)苯酚                                | 4-(1,1,3,3-tetramethylbutyl)phenol  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 67 | 信息/<br>REACH SVHC | 叠氮化铅(II); 迭氮铅                                      | Lead diazide, Lead azide  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 68 | 信息/<br>REACH SVHC | 酚酞   | Phenolphthalein   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 69 | 信息/<br>REACH SVHC | 铬酸铬  | Dichromium tris(chromate)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 70 | 信息/<br>REACH SVHC | 三硝基间苯二酚铅; 收敛酸铅                                     | Lead styphnate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 71 | 信息/<br>REACH SVHC | 4,4'-二氨基-3,3'-二氯二苯基甲烷                              | 2,2'-dichloro-4,4'-methylenedianiline   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 72 | 信息/<br>REACH SVHC | C.I. 碱性紫3; (4-(双(P-(二甲氨基)苯基)亚甲基)-2,5-环己二烯-1-基)铵    | [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 73 | 信息/<br>REACH SVHC | 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 74 | 信息/<br>REACH SVHC | 三甘醇二甲醚   | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 75 | 信息/<br>REACH SVHC | α,α-二[(二甲氨基)苯基]-4-甲氧基苯甲醇 (SVHC的条件)                 | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 76 | 信息/<br>REACH SVHC | 甲磺酸铅(2+)盐  | Lead(II) bis(methanesulfonate)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 77 | 信息/<br>REACH SVHC | 乙二醇二甲醚   | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 78 | 信息/<br>REACH SVHC | 三氧化二硼  | Diboron trioxide  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 79 | 信息/<br>REACH SVHC | 溶剂蓝4; A, A-二[4-(二甲氨基)苯基]-4-苯基氨基-1-萘醇 (SVHC的条件)     | α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]                            | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 80 | 信息/<br>REACH SVHC | 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮      | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 81 | 信息/<br>REACH SVHC | 米蚩酮  | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)  | 产品的 0.1wt%(1000ppm) | ※8※9 |

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| 82  | 信息/<br>REACH SVHC | N, N, N' N'-四甲基-4, 4'-二氨基二苯甲烷  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 83  | 信息/<br>REACH SVHC | 碱性蓝 26 ([4-[[4-苯胺基-1-萘基][4-(二甲基胺基)苯基]亞甲基]環己-2,5-二烯-1-亞基]二甲基氯化銨   | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 84  | 信息/<br>REACH SVHC | 甲酰胺  | Formamide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 85  | 信息/<br>REACH SVHC | C. I. 顏料黃41  | Pyrochlore, antimony lead yellow  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 86  | 信息/<br>REACH SVHC | 2-甲氧基-5-甲基苯胺   | 6-methoxy-m-toluidine (p-cresidine)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 87  | 信息/<br>REACH SVHC | 全氟十一烷酸   | Henicosafuoroundecanoic acid  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 88  | 信息/<br>REACH SVHC | 甲基六氟苯酞、4-甲基六氟苯酞、甲基六氟化鄰苯二甲酸酞、3-甲基六氟苯二甲酞   | 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]                          | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 89  | 信息/<br>REACH SVHC | 环己烷-1,2-二羧酸酞<br>顺式-环己烷-1,2-二羧酸酞<br>反式-环己烷-1,2-二羧酸酞   | 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] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 90  | 信息/<br>REACH SVHC | 二丁基二氯化锡  | Dibutyltin dichloride (DBTC)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 91  | 信息/<br>REACH SVHC | 氟硼酸铅   | Lead bis(tetrafluoroborate)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 92  | 信息/<br>REACH SVHC | 硝酸铅(II)  | Lead dinitrate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 93  | 信息/<br>REACH SVHC | 磷酸铅  | Silicic acid, lead salt   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 94  | 信息/<br>REACH SVHC | 4-氨基偶氮苯  | 4-Aminoazobenzene   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 95  | 信息/<br>REACH SVHC | 锆酸钛酸铅  | Lead titanium zirconium oxide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 96  | 信息/<br>REACH SVHC | 氧化铅  | Lead monoxide (lead oxide)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 97  | 信息/<br>REACH SVHC | 邻甲苯胺   | o-Toluidine   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 98  | 信息/<br>REACH SVHC | 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷   | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 99  | 信息/<br>REACH SVHC | 硅酸(H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> )，钡盐(1:1)，掺杂铅<br>該物質在Regulation (EC) No 1272/2008附件VI中的索引號為082-001-00-6 | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 100 | 信息/<br>REACH SVHC | 碱式碳酸铅  | Trilead bis(carbonate)dihydroxide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 101 | 信息/<br>REACH SVHC | 呋喃   | Furan   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 102 | 信息/<br>REACH SVHC | N,N-二甲基甲酰胺   | N,N-dimethylformamide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 103 | 信息/<br>REACH SVHC | 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]   | 产品的 0.1wt%(1000ppm) | ※8※9 |

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| 104 | 信息/<br>REACH SVHC | 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] | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 105 | 信息/<br>REACH SVHC | 4,4'-甲撑二(2-甲基苯胺)   | 4,4'-methylenedi-o-toluidine   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 106 | 信息/<br>REACH SVHC | 硫酸二乙酯  | Diethyl sulphate   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 107 | 信息/<br>REACH SVHC | 硫酸二甲酯  | Dimethyl sulphate  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 108 | 信息/<br>REACH SVHC | 碱式硫酸鉛  | Lead oxide sulfate   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 109 | 信息/<br>REACH SVHC | 钛酸鉛  | Lead titanium trioxide   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 110 | 信息/<br>REACH SVHC | 碱式乙酸鉛  | Acetic acid, lead salt, basic  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 111 | 信息/<br>REACH SVHC | 二盐基邻苯二甲酸鉛  | [Phthalato(2-)]dioxotrilead  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 112 | 信息/<br>REACH SVHC | 十溴联苯醚  | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 113 | 信息/<br>REACH SVHC | N-甲基乙酰胺  | N-methylacetamide  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 114 | 信息/<br>REACH SVHC | 2-(1-甲基丙基)-4,6-二硝基苯酚   | Dinoseb (6-sec-butyl-2,4-dinitrophenol)  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 115 | 信息/<br>REACH SVHC | 1,2-二乙氧基乙烷   | 1,2-Diethoxyethane   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 116 | 信息/<br>REACH SVHC | 硫酸三氧化四鉛  | Tetralead trioxide sulphate  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 117 | 信息/<br>REACH SVHC | 鄰苯二甲酸正戊基異戊基酯   | N-pentyl-isopentylphthalate  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 118 | 信息/<br>REACH SVHC | 双(十八酸基)二氧代三鉛   | Dioxobis(stearato)trilead  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 119 | 信息/<br>REACH SVHC | 四乙基鉛   | Tetraethyllead   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 120 | 信息/<br>REACH SVHC | 氧化鉛与硫酸鉛的复合物  | Pentalead tetraoxide sulphate  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 121 | 信息/<br>REACH SVHC | 全氟十三酸  | Pentacosafuorotridecanoic acid   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 122 | 信息/<br>REACH SVHC | 全氟十二烷酸   | Tricosafuorododecanoic acid  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 123 | 信息/<br>REACH SVHC | 全氟十四酸  | Heptacosafuorotetradecanoic acid   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 124 | 信息/<br>REACH SVHC | 溴代正丙烷  | 1-bromopropane (n-propyl bromide)  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 125 | 信息/<br>REACH SVHC | 甲氧基乙酸  | Methoxyacetic acid   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 126 | 信息/<br>REACH SVHC | 2,4-二氨基甲苯  | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 127 | 信息/<br>REACH SVHC | 1,2-环氧丙烷   | Methyloxirane (Propylene oxide)  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 128 | 信息/<br>REACH SVHC | 磷酸氧化鉛  | Trilead dioxide phosphonate  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 129 | 信息/<br>REACH SVHC | 2-甲基-4-[(2-甲基)偶氮]苯胺  | o-aminoazotoluene  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 130 | 信息/<br>REACH SVHC | 1,2-苯二甲酸二戊酯，支链和直链的   | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 131 | 信息/<br>REACH SVHC | 4,4'-二氨基二苯醚  | 4,4'-oxydianiline and its salts  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 132 | 信息/<br>REACH SVHC | 四氧化三鉛  | Orange lead (lead tetroxide)   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 133 | 信息/<br>REACH SVHC | 联苯-4-胺   | Biphenyl-4-ylamine   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 134 | 信息/<br>REACH SVHC | 邻苯二甲酸二异戊酯  | Diisopentylphthalate   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 135 | 信息/<br>REACH SVHC | C16-18-脂肪酸鉛盐   | Fatty acids, C16-18, lead salts  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 136 | 信息/<br>REACH SVHC | 二氮烯二甲酰胺  | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))  | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 137 | 信息/<br>REACH SVHC | 碱式亚硫酸鉛   | Sulfurous acid, lead salt, dibasic   | 產品的 0.1wt%(1000ppm) | ※8※9 |
| 138 | 信息/<br>REACH SVHC | 氰化鉛  | Lead cyanamidate   | 產品的 0.1wt%(1000ppm) | ※8※9 |

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| 139 | 信息/<br>REACH SVHC | 镉  | Cadmium   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 140 | 信息/<br>REACH SVHC | 氧化镉  | Cadmium oxide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 141 | 信息/<br>REACH SVHC | 邻苯二甲酸二戊酯   | Dipentyl phthalate (DPP)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 142 | 信息/<br>REACH SVHC | 分支或線性的乙氧化壬基酚, 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] | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 143 | 信息/<br>REACH SVHC | 十五氟代辛酸铵盐   | Ammonium pentadecafluorooctanoate (APFO)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 144 | 信息/<br>REACH SVHC | PFOA-全氟辛酸  | Pentadecafluorooctanoic acid (PFOA)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 145 | 信息/<br>REACH SVHC | 硫化镉  | Cadmium sulphide  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 146 | 信息/<br>REACH SVHC | 直接黑38; 二钠-4-氨基-3-[[4'-(2,4-二氨基苯基)偶氮][1,1'-二苯基]-4-基]偶氮]-5-羟基-6-(苯基偶氮)苯-2,7-二硫酸盐 | C.I. Direct black 38  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 147 | 信息/<br>REACH SVHC | 邻苯二甲酸二己酯   | Dihexyl phthalate(DnHP)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 148 | 信息/<br>REACH SVHC | 2-咪唑烷硫酮  | Imidazolidine-2-thione; (2-imidazoline-2-thiol)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 149 | 信息/<br>REACH SVHC | 磷酸二甲酚(1:3)酯  | Trixylyl phosphat   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 150 | 信息/<br>REACH SVHC | 刚果红; 联苯偶氮萘磺; 直接红28; 二钠3,3'-[[1,1'-二苯基]-4,4'-二(偶氮)二[4-氨基萘-1-硫酸盐]                | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 151 | 信息/<br>REACH SVHC | 乙酸铅  | Lead di(acetate)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 152 | 信息/<br>REACH SVHC | 邻苯二甲酸二己酯, 支鏈和直鏈  | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 153 | 信息/<br>REACH SVHC | 高硼酸, 钠盐  | Sodium perborate; perboric acid, sodium salt  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 154 | 信息/<br>REACH SVHC | 过硼酸钠   | Sodium peroxometaborate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 155 | 信息/<br>REACH SVHC | 氯化镉  | Cadmium chloride  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 156 | 信息/<br>REACH SVHC | 2-[2-羟基-3,5-二(1,1-二甲基丙基苯基)]-2H-苯并三唑  | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 157 | 信息/<br>REACH SVHC | 2-(2H)-苯并三氮唑-2-基)-4,6-双(1,1-二甲基乙基)苯酚   | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 158 | 信息/<br>REACH SVHC | 二正辛基-双(2-乙基己基巯基乙酸酯)錫和單辛基-三(2-乙基己基巯基乙酸酯)錫的反應物 (DOTE和MOTE反应产物)                   | 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-ethylhexyl]oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 159 | 信息/<br>REACH SVHC | 氟化镉  | Cadmium fluoride  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 160 | 信息/<br>REACH SVHC | 硫酸镉  | Cadmium sulphate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 161 | 信息/<br>REACH SVHC | 10-乙基-4,4-二辛基-7-氧代-8-氧杂-3,5-二硫杂-4-锡杂十四烷酸2-乙基己基酯                                | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)  | 产品的 0.1wt%(1000ppm) | ※8※9 |



|     |                    |   |   |                     |      |
|-----|--------------------|---|---|---------------------|------|
| 162 | 信息/1<br>REACH SVHC | 邻苯二甲酸二(C6-C10)烷基酯；(癸基, 己基, 辛基)酯与1, 2-邻苯二甲酸的复合物且邻苯二甲酸二己酯(EC No. 201-559-5)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% or above of dihexyl phthalate (EC No. 201-559-5)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 163 | 信息/1<br>REACH SVHC | 5-仲丁基-2-(2,4-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷[1], 5-仲丁基-2-(4,6-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷[2], 覆盖任何[1]和[2]或者其任意组合的单独的立体异构体 | 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]   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 164 | 信息/1<br>REACH SVHC | 1,2-氧杂硫代烷-2,2-氧化物   | 1,3-propanesultone  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 165 | 信息/1<br>REACH SVHC | 2-(5-氯-2H-苯并三唑-2-基)-4,6-二(1,1-二甲基乙基)苯酚  | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 166 | 信息/1<br>REACH SVHC | 2-(2'-羟基-3'-仲丁基-5'-叔丁基苯基)苯并三唑   | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 167 | 信息/1<br>REACH SVHC | 硝基苯   | Nitrobenzene  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 168 | 信息/1<br>REACH SVHC | 全氟壬酸及其钠盐和铵盐   | Perfluorononane-1-oic acid and its sodium and ammonium salts  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 169 | 信息/1<br>REACH SVHC | 苯并[a]芘  | Benzo[def]chrysene (benzo[a]pyrene)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 170 | 信息/1<br>REACH SVHC | 双酚A   | 4,4'-isopropylidenediphenol (bisphenol A; BPA)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 171 | 信息/1<br>REACH SVHC | 十九氟癸酸及其钠盐与铵盐  | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 172 | 信息/1<br>REACH SVHC | 4-(1,1-二甲基丙基)苯酚   | p-(1,1-dimethylpropyl)phenol  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 173 | 信息/1<br>REACH SVHC | 4-庚基苯酚, 支链及直链包括含有7个碳烷基链的所有独立的同分异构体和所有含有线性或分支7个碳烷基链的UVCB物质   | 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] | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 174 | 信息/1<br>REACH SVHC | 全氟己基磺酸及其盐类  | Perfluorohexane-1-sulphonic acid and its salts  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 175 | 信息/1<br>REACH SVHC | 1,2,3,4,7,8,9,10,13,13,14,14-十二氯代-1,4,4a,5,6,6a,7,10,10a,11,12,12a-十二氢化-1,4:7,10-二亚甲基二苯并[a,e]环辛烯                      | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.0.2,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™") covering any of its individual anti- and syn-isomers or any combination thereof   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 176 | 信息/1<br>REACH SVHC | 苯并[a]蒽  | Benz[a]anthracene   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 177 | 信息/1<br>REACH SVHC | 碳酸镉盐  | Cadmium carbonate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 178 | 信息/1<br>REACH SVHC | 氢氧化镉  | Cadmium hydroxide   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 179 | 信息/1<br>REACH SVHC | 硝酸镉四水合物   | Cadmium nitrate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 180 | 信息/1<br>REACH SVHC | 屈; 苯并[c]菲   | Chrysene  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 181 | 信息/1<br>REACH SVHC | 1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和4-庚基苯酚的支链和直链(RP-HP)的反应产物[4-庚基苯酚, 支链和支链含量≥0.1%w/w]  | 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 (4-HPbl)  | 产品的 0.1wt%(1000ppm) | ※8※9 |

|     |                    |  |  |                     |      |
|-----|--------------------|--|--|---------------------|------|
| 182 | 信息/1<br>REACH SVHC | 氢化三联苯  | Terphenyl hydrogenated   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 183 | 信息/1<br>REACH SVHC | 八甲基环四硅氧烷 (D4)  | Octamethylcyclotetrasiloxane (D4)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 184 | 信息/1<br>REACH SVHC | 铅  | Lead   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 185 | 信息/1<br>REACH SVHC | 1,2-二氨基乙烷  | Ethylenediamine  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 186 | 信息/1<br>REACH SVHC | 十二甲基环六硅氧烷 (D6)   | Dodecamethylcyclohexasiloxane (D6)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 187 | 信息/1<br>REACH SVHC | 氧化硼钠   | Disodium octaborate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 188 | 信息/1<br>REACH SVHC | 邻苯二甲酸二环己酯 (DCHP)   | Dicyclohexyl phthalate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 189 | 信息/1<br>REACH SVHC | 十甲基环五硅氧烷 (D5)  | Decamethylcyclopentasiloxane (D5)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 190 | 信息/1<br>REACH SVHC | 苯并 (g, h, i) 茚   | Benzo[ghi]perylene   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 191 | 信息/1<br>REACH SVHC | 1,3-二氢-1,3-二氧代-5-异苯并呋喃羧酸                                     | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 192 | 信息/1<br>REACH SVHC | 芘  | Pyrene   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 193 | 信息/1<br>REACH SVHC | 菲  | Phenanthrene   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 194 | 信息/1<br>REACH SVHC | 荧蒽   | Fluoranthene   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 195 | 信息/1<br>REACH SVHC | 苯并 (k) 荧蒽  | Benzo[k]fluoranthene (BkFA)  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 196 | 信息/1<br>REACH SVHC | 2,2-双(4'-羟基苯基)-4-甲基戊烷  | 4,4'-isobutylethylenediphenol; 2,2-bis(4'-hydroxyphenyl)-4-methylpentane   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 197 | 信息/1<br>REACH SVHC | 1,7,7-三甲基-3-(茱亚甲基)双环[2,2,1]庚-2-酮                             | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one; 3-benzylidene camphor; 3-BC   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 198 | 信息/1<br>REACH SVHC | 三(4-壬基苯基, 支链和直链) 亚磷酸酯 (TNPP) 含 ≥0.1% 的 4-壬基苯酚 (支链和直链) (4-NP) | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)                                       | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 199 | 信息/1<br>REACH SVHC | 对叔丁基苯酚   | 4-tert-butylphenol   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 200 | 信息/1<br>REACH SVHC | 2-甲氧基乙酸乙酯  | 2-methoxyethyl acetate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 201 | 信息/1<br>REACH SVHC | 2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其盐和酰基卤化物 (包括其任何异构体及其组合)               | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 202 | 信息/1<br>REACH SVHC | 2-苄基-2-(二甲氨基)-1-(4-吗啉代苯基)-1-丁酮                               | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 203 | 信息/1<br>REACH SVHC | 2-甲基-1-[4-(甲基硫代)苯基]-2-(4-吗啉基)-1-丙酮                           | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 204 | 信息/1<br>REACH SVHC | 邻苯二甲酸二异己酯  | Diisohexyl phthalate   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 205 | 信息/1<br>REACH SVHC | 全氟丁磺酸 (PFBS) 及其盐类  | Perfluorobutane sulfonic acid(PFBS) and its salts  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 206 | 信息/1<br>REACH SVHC | 1-乙烯基-1H-咪唑  | 1-vinylimidazole   | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 207 | 信息/1<br>REACH SVHC | 2-甲基-1H-咪唑   | 2-methylimidazole  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 208 | 信息/1<br>REACH SVHC | 对羟基苯甲酸丁酯   | butyl 4-hydroxybenzoate  | 产品的 0.1wt%(1000ppm) | ※8※9 |
| 209 | 信息/1<br>REACH SVHC | 二丁基双(2,4-戊二酸根合-0,0')-(OC-6-11)-锡                             | Dibutylbis(pentane-2,4-dionato-O,O')tin  | 产品的 0.1wt%(1000ppm) | ※8※9 |

该表格为IEC62474化学物质群/物质，以及我公司独自特定化学物质相关物质名称及阈值标准，适用于超过阈值的情况。规定/R为根据各国的法令和业界基准所指定的含有或使用禁止物质等，属某种限制存在的物质，其含有禁止超过阈值。信息/I是含有时需要报告的物质。信息/I的物质可预想到会因一部分市场的要求等而受到限制，请尽量致力于代替及削减。即使是未达到阈值标准的对象化学物质，当知道含有的情况下，请尽可能积极地报告。除上述之外，还有一些化学物质需要管理，原因还有质量，安全和人权等其他原因。（例如：冲突矿物，红磷等）在某些情况下，我们可能会要求进行调查。例如，请求调查 或 规范中的声明。

※1 欧盟共同体有关禁止使用偶氮染料的规定，适用于偶氮染料经还原可裂解出一种芳香胺（关联资料2中所列）的特定偶氮染料·颜料。其阈值标准仅适用于胶，并不适用于偶氮染料·颜料。

※2 电池的报告阈值依据的是最严格的法律要求事项。然而法律上的基本要求事项原本仅适用于某种形式的电池，为简化起见，对所有种类的电池都定了同样的报告阈值标准。

※3 欧盟委员会决议，把锡的0.1wt%浓度限量的算定分母定义为物品或零部件。

※4 对本适用对象中的物质之限制阈值，不仅以产品中的浓度含量，也以其释放量或按照暴露限量来设定。有关限量标准如下所述。

- 复合木制产品中的甲醛：到2010年止为 0.08ppm（以产品释放出的气体量来测量）
  - 长期接触皮肤的镍：依据DIN EN 1811规定为 0.5微毫克/cm2/周。
  - 放射性物质：0.1m的距离以内超过1  $\mu$ Sv h<sup>-1</sup>的辐射剂量率
- 由于释放量及暴露限量无法以实际的浓度含量得出，所以作为报告用的阈值标准以「有意添加」来表示。对供应商来说用产品的实际浓度进行法规符合性评估是无益的，为表明已把握了产品中含有该物质，可以选择默认浓度级别的报告以对象物质产品中0.1wt%的准确浓度，来取代其产品中的确切浓度。

※5 含镍材料(譬如手机等电子产品的外壳)在长时间外露并与皮肤有接触的情况下，必须按该当适用规定进行报告。

※6 RoHS指令按用途的区分来定义适用除外的可否。包装用途的材料定义为共计100ppm以下。例举满足RoHS指令而成为适用除外项目的水银，譬如用在背景照明时，须限制其使用量等，并尽可能的进行代替。

※7 关于层积印刷电路板是指除去表面处理及零部件之外的层状板材部分。

※8 REACH SVHC记载的化学物质为欧盟化学品管理局(ECHA)公布的高度关注物质 SVHC(Candidate List of Substances of Very High Concern for authorisation)，是刊登在REACH规则的附属书XIV中，并可能成为认可对象的物质。将随着ECHA的公布信息逐步进行更新。与其他物质群相重复的物质适用于双方的阈值。凡符合REACH SVHC的该当物质都具有传递其相关物质信息的义务。通常的报告阈值标准是根据对象产品或零部件所含物质群单位的总含量，在向我公司缴纳的产品或零部件的总含量中所占的比例，设定为1000ppm。

※9 如果零件含有0.1%或更多的SVHC，请传SCIP的信息。

SCIP信息示例：

|                              |                            |
|------------------------------|----------------------------|
| • Article name               | • Safe use instruction(s)  |
| • Primary article identifier | • Candidate list substance |
| • Article category           | • Concentration range      |
| • Production in the EU       | • Material category        |

## 关联资料2 JVCKENWOOD特定化学物质详情

These lists do not necessarily cover all controlled substances. They simply illustrate chemicals with known CAS numbers.

| Cadmium/Cadmium Compounds | CAS No.    |
|---------------------------|------------|
| Cadmium                   | 7440-43-9  |
| Cadmium oxide             | 1306-19-0  |
| Cadmium sulfide           | 1306-23-6  |
| Cadmium chloride          | 10108-64-2 |
| Cadmium fluoride          | 7790-79-6  |
| Cadmium sulfate           | 10124-36-4 |
|                           | 31119-53-6 |
| Cadmium carbonate         | 513-78-0   |
| Cadmium hydroxide         | 21041-95-2 |
| Cadmium nitrate           | 10022-68-1 |
|                           | 10325-94-7 |
| Other cadmium compounds   | -          |

| Chromium VI Compounds                       | CAS No.    |
|---|------------|
| Chromium (VI) oxide                         | 1333-82-0  |
| Barium chromate                             | 10294-40-3 |
| Calcium chromate                            | 13765-19-0 |
| Chromium trioxide                           | 1333-82-0  |
| Lead (II) chromate                          | 7758-97-6  |
| Lead chromate molybdate sulphate red        | 12656-85-8 |
| Lead sulfochromate yellow                   | 1344-37-2  |
| Sodium chromate                             | 7775-11-3  |
| Sodium dichromate                           | 10588-01-9 |
| Strontium chromate                          | 7789-06-2  |
| Potassium dichromate                        | 7778-50-9  |
| Potassium chromate                          | 7789-00-6  |
| Zinc chromate                               | 13530-65-9 |
| Ammonium dichromate                         | 7789-09-5  |
| Chromium (VI) trioxide, Chromium trioxide   | 18540-29-9 |
| Chromic acid                                | 7738-94-5  |
| Dichromic acid                              | 13530-68-2 |
| Potassium hydroxyoctaoxidizincatedichromate | 11103-86-9 |
| Pentazinc chromate octahydroxide            | 49663-84-5 |
| Dichromium tris(chromate)                   | 24613-89-6 |
| Other chromium VI compounds                 | -          |

| Lead/lead Compounds  | CAS No.    |
|--|------------|
| Lead   | 7439-92-1  |
| Lead (II) sulfate  | 7446-14-2  |
| Lead (II) carbonate  | 598-63-0   |
| Lead (II) chromate   | 7758-97-6  |
| Lead chromate molybdate sulphate red   | 12656-85-8 |
| Lead hydrocarbonate  | 1319-46-6  |
| Lead di(acetate)   | 301-04-2   |
| Lead (II) acetate, trihydrate  | 6080-56-4  |
| Lead phosphate   | 7446-27-7  |
| Lead selenide  | 12069-00-0 |
| Lead (IV) oxide  | 1309-60-0  |
| Lead (II,IV) oxide   | 1314-41-6  |
| Lead (II) sulfide  | 1314-87-0  |
| Lead (II) oxide  | 1317-36-8  |
| Lead (II) carbonate basic  | 1319-46-6  |
| Lead hydroxidcarbonate   | 1344-36-1  |
| Lead (II) phosphate  | 7446-27-7  |
| Lead sulfochromate yellow  | 1344-37-2  |
| Lead (II) titanate   | 12060-00-3 |
| Lead sulfate, sulphuric acid, lead salt  | 15739-80-7 |
| Lead sulphate, tribasic  | 12202-17-4 |
| Lead stearate  | 1072-35-1  |
| Lead dipicrate   | 6477-64-1  |
| Trilead diarsenate   | 3687-31-8  |
| Lead diazide, Lead azide   | 13424-46-9 |
| Lead styphnate   | 15245-44-0 |
| Lead(II) bis(methanesulfonate)   | 17570-76-2 |
| Pyrochlore, antimony lead yellow   | 8012-00-8  |
| Lead bis(tetrafluoroborate)  | 13814-96-5 |
| Lead dinitrate   | 10099-74-8 |
| Silicic acid, lead salt  | 11120-22-2 |
| Lead titanium zirconium oxide  | 12626-81-2 |
| Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped<br>[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction'<br>Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds,<br>with index number 082-001-00-6 in Regulation (EC) No 1272/2008] | 68784-75-8 |
| Lead oxide sulfate   | 12036-76-9 |
| Acetic acid, lead salt, basic  | 51404-69-4 |
| [Phthalato(2-)]dioxotrilead  | 69011-06-9 |
| Dioxobis(stearato)trilead  | 12578-12-0 |
| Tetraethyllead   | 78-00-2    |
| Pentalead tetraoxide sulphate  | 12065-90-6 |
| Trilead dioxide phosphonate  | 12141-20-7 |
| Fatty acids, C16-18, lead salts  | 91031-62-8 |
| Sulfurous acid, lead salt, dibasic   | 62229-08-7 |
| Lead cyanamidate   | 20837-86-9 |
| Other lead compounds   | -          |

| Mercury /Mercury Compounds | CAS No     |
|----------------------------|------------|
| Mercury                    | 7439-97-6  |
| Mercuric chloride          | 33631-63-9 |
| Mercury (II) chloride      | 7487-94-7  |
| Mercuric sulfate           | 7783-35-9  |
| Mercuric nitrate           | 10045-94-0 |
| Mercuric (II) oxide        | 21908-53-2 |
| Mercuric sulfide           | 1344-48-5  |
| Other mercury compounds    | -          |

| Asbestos            | CAS No.    |
|---------------------|------------|
| Asbestos            | 1332-21-4  |
| Actinolite          | 77536-66-4 |
| Amosite (Grunerite) | 12172-73-5 |
| Anthophyllite       | 77536-67-5 |
| Chrysotile          | 12001-29-5 |
| Crocidolite         | 12001-28-4 |
| Tremolite           | 77536-68-6 |

Azocolorants and azodyes which form certain aromatic amines

Note: The European Community's ban applies to azocolorants and azodyes that by reductive cleavage of azo groups may release one of the above 22 aromatic amines.

|                                       | CAS No.  |
|---------------------------------------|----------|
| Biphenyl-4-ylamine                    | 92-67-1  |
| Benzidine                             | 92-87-5  |
| 4-chloro-o-toluidine                  | 95-69-2  |
| 2-naphthylamine                       | 91-59-8  |
| o-aminoazotoluene                     | 97-56-3  |
| 5-nitro-o-toluidine                   | 99-55-8  |
| 4-chloroaniline                       | 106-47-8 |
| 4-methoxy-m-phenylenediamine          | 615-05-4 |
| 4,4'-methylenedianiline               | 101-77-9 |
| 3,3'-dichlorobenzidine                | 91-94-1  |
| 3,3'-dimethoxybenzidine               | 119-90-4 |
| 3,3'-dimethylbenzidine                | 119-93-7 |
| 4,4'-methylenedi-o-toluidine          | 838-88-0 |
| 6-methoxy-m-toluidine                 | 120-71-8 |
| 2,2'-dichloro-4,4'-methylenedianiline | 101-14-4 |
| 4,4'-oxydianiline                     | 101-80-4 |
| 4,4'-thiodianiline                    | 139-65-1 |
| o-toluidine                           | 95-53-4  |
| 4-methyl-m-phenylenediamine           | 95-80-7  |
| 2,4,5-trimethylaniline                | 137-17-7 |
| 2-Methoxyaniline; o-Anisidine         | 90-04-0  |
| 4-amino azobenzene                    | 60-09-3  |

Ozone Depleting Substances

| Chlorofluorocarbons (CFC), Halons, Hydrobromofluorocarbons (HBFC), Hydrochlorofluorocarbons (HCFC) | CAS No.     |
|--|-------------|
| Trichlorofluoromethane (CFC-11)  | 75-69-4     |
| Dichlorodifluoromethane (CFC-12)   | 75-71-8     |
| Chlorotrifluoromethane (CFC-13)  | 75-72-9     |
| Pentachlorofluoroethane (CFC-111)  | 354-56-3    |
| Tetrachlorodifluoroethane (CFC-112)  | 76-12-0     |
| 1,1,2,2-Tetrachloro-1,2-difluoroethane (CFC-112)   | 76-12-0     |
| 1,1,1,2-Tetrachloro-2,2-difluoroethane (CFC-112a)  | 76-11-9     |
| Trichlorotrifluoroethane (CFC-113)   | 76-13-1     |
| 1,1,2-Trichloro-1,2,2 trifluoroethane (CFC-113)  | 76-13-1     |
| 1,1,1-Trichloro-2,2,2 trifluoroethane (CFC-113a)   | 354-58-5    |
| Dichlorotetrafluoroethane (CFC-114)  | 76-14-2     |
| Monochloropentafluoroethane (CFC-115)  | 76-15-3     |
| Heptachlorofluoropropane (CFC-211)   | 422-78-6    |
| 1,1,1,2,2,3,3-Heptachloro-3-fluoropropane (CFC-211aa)  | 135401-87-5 |
| 1,1,1,2,3,3,3-Heptachloro-2-fluoropropane (CFC-211ba)  | 422-78-6    |
| Hexachlorodifluoropropane (CFC-212)  | 422-81-1    |
| Pentachlorotrifluoropropane (CFC-213)  | 3182-26-1   |
| Tetrachlorotetrafluoropropane (CFC-214)  | 2354-06-5   |
| 1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane (CFC-214aa)   | 134237-31-3 |
| 1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane (CFC-214cb)   | 29255-31-0  |
| Trichloropentafluoropropane (CFC-215)  | 2268-46-4   |
| 1,2,2-Trichloropentafluoropropane (CFC-215aa)  | -           |
| 1,2,3-Trichloropentafluoropropane (CFC-215ba)  | 1599-41-3   |
| 1,1,2-Trichloropentafluoropropane (CFC-215bb)  | 1599-41-3   |
| 1,1,3-Trichloropentafluoropropane (CFC-215ca)  | 76-17-5     |
| 1,1,1-Trichloropentafluoropropane (CFC-215cb)  | -           |
| Dichlorohexafluoropropane (CFC-216)  | 4259-43-2   |
| Chloroheptafluoropropane (CFC-217)   | 661-97-2    |
| Bromochloromethane (Halon-1011)  | 422-86-6    |
| Dibromodifluoromethane (Halon-1202)  | 74-97-5     |
| Bromochlorodifluoromethane (Halon-1211)  | 75-61-6     |
| Bromotrifluoromethane (Halon-1301)   | 353-59-3    |
| Dibromotetrafluoroethane (Halon-2402)  | 75-63-8     |
| Tetrachloromethane (carbon tetrachloride)  | 124-73-2    |
| 1,1,1-Trichloroethane (methylchloroform)   | 56-23-5     |
| Bromomethane (methyl bromide)  | 71-55-6     |
| Bromoethane (ethyl bromide)  | 74-83-9     |
| 1-Bromopropane (n-propyl bromide)  | 74-96-4     |
| Trifluoroiodomethane (trifluoromethyl iodide)  | 106-94-5    |
| Chloromethane (methyl chloride)  | 2314-97-8   |
| Dibromofluoromethane (HBFC-21 B2)  | 74-87-3     |
| Bromodifluoromethane (HBFC-22 B1)  | 1868-53-7   |
| Bromofluoromethane (HBFC-31 B1)  | 1511-62-2   |
| Tetrabromofluoroethane (HBFC-121 B4)   | 373-52-4    |
| Tribromodifluoroethane (HBFC-122 B3)   | 306-80-9    |
| Dibromotrifluoroethane (HBFC-123 B2)   | -           |
| Bromotetrafluoroethane (HBFC-124 B1)   | 354-04-1    |
| Tribromofluoroethane (HBFC-131 B3)   | 124-72-1    |
| Dibromodifluoroethane (HBFC-132 B2)  | -           |
| Bromotrifluoroethane (HBFC-133 B1)   | 75-82-1     |
| Dibromofluoroethane (HBFC-141 B2)  | 421-06-7    |
| Bromodifluoroethane (HBFC-142 B1)  | 358-97-4    |
| Bromofluoroethane (HBFC-151 B1)  | 420-47-3    |
|  | 762-49-2    |

| Ozone Depleting Substances                              | CAS No.       |
|---|---------------|
| Hexabromofluoropropane (HBFC-221 B6)                    | -             |
| Pentabromodifluoropropane (HBFC-222 B5)                 | -             |
| Tetrabromotrifluoropropane (HBFC-223 B4)                | -             |
| Tribromotetrafluoropropane (HBFC-224 B3)                | -             |
| Dibromopentafluoropropane (HBFC-225 B2)                 | 431-78-7      |
| Bromohexafluoropropane (HBFC-226 B1)                    | 2252-78-0     |
| Pentabromofluoropropane (HBFC-231 B5)                   | -             |
| Tetrabromodifluoropropane (HBFC-232 B4)                 | -             |
| Tribromotrifluoropropane (HBFC-233 B3)                  | -             |
| Dibromotetrafluoropropane (HBFC-234 B2)                 | -             |
| Bromopentafluoropropane (HBFC-235 B1)                   | 460-88-8      |
| Tetrabromofluoropropane (HBFC-241 B4)                   | -             |
| Tribromodifluoropropane (HBFC-242 B3)                   | 70192-80-2    |
| Dibromotrifluoropropane (HBFC-243 B2)                   | 431-21-0      |
| Bromotetrafluoropropane (HBFC-244 B1)                   | 679-84-5      |
| Tribromofluoropropane (HBFC-251 B3)                     | 75372-14-4    |
| Dibromodifluoropropane (HBFC-252 B2)                    | 460-25-3      |
| Bromotrifluoropropane (HBFC-253 B1)                     | 421-46-5      |
| Dibromofluoropropane (HBFC-261 B2)                      | 51584-26-0    |
| Bromodifluoropropane (HBFC-262 B1)                      | -             |
| Bromofluoropropane (HBFC-271 B1)                        | 1871-72-3     |
| Dichlorofluoromethane (HCFC-21)                         | 75-43-4       |
| Chlorodifluoromethane (HCFC-22)                         | 75-45-6       |
| Chlorofluoromethane (HCFC-31)                           | 593-70-4      |
| Tetrachlorofluoroethane (HCFC-121)                      | 134237-32-4   |
| 1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)           | 354-14-3      |
| 1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)          | 354-11-0      |
| Trichlorodifluoroethane (HCFC-122)                      | 41834-16-6    |
| 1,2,2-Trichloro-1,1-difluoroethane (HCFC-122)           | 354-21-2      |
| 1,1,2-Trichloro-1,2-difluoroethane (HCFC-122a)          | 354-15-4      |
| 1,1,1-Trichloro-2,2-difluoroethane (HCFC-122b)          | 354-12-1      |
| Dichlorotrifluoroethane(HCFC-123)                       | 34077-87-7    |
| 1,1-Dichloro-2,2,2-trifluoroethane (HCFC-123)           | 306-83-2      |
| 1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)          | 354-23-4      |
| 1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)          | 90454-18-5    |
| 1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)          | 812-04-4      |
| Chlorotetrafluoroethane (HCFC-124)                      | 63938-10-3    |
| 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)           | 2837-89-0     |
| 1-chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)          | 354-25-6      |
| Trichlorofluoroethane (HCFC-131)                        | 27154-33-2    |
| 1,1,2-Trichloro-2-fluoroethane (HCFC-131)               | (134237-34-6) |
| 1,1,2-Trichloro-1-fluoroethane (HCFC131a)               | 359-28-4      |
| 1,1,1-Trichloro-2-fluoroethane (HCFC-131b)              | 811-95-0      |
| 1,1,1-Trichloro-2-fluoroethane (HCFC-131b)              | 2366-36-1     |
| Dichlorodifluoroethane (HCFC-132)                       | 25915-78-0    |
| 1,2-Dichloro-1,2-difluoroethane (HCFC-132)              | 431-06-1      |
| 1,1-Dichloro-2,2-difluoroethane (HCFC-132a)             | 471-43-2      |
| 1,2-Dichloro-1,1-difluoroethane (HCFC-132b)             | 1649-08-7     |
| 1,1-Dichloro-1,2-difluoroethane (HCFC-132c)             | 1842-05-3     |
| Chlorotrifluoroethane (HCFC-133)                        | 1330-45-6     |
| 1-Chloro-1,2,2-trifluoroethane (HCFC-133)               | 431-07-2      |
| 2-Chloro-1,1,1-trifluoroethane (HCFC-133a)              | 1330-45-6     |
| 1-Chloro-1,1,2-trifluoroethane (HCFC-133b)              | 75-88-7       |
| 1-Chloro-1,1,2-trifluoroethane (HCFC-133b)              | 421-04-5      |
| Dichlorofluoroethane(HCFC-141)                          | 1717-00-6     |
| 1,2-Dichloro-1-fluoroethane (HCFC-141)                  | (25167-88-8)  |
| 1,1-Dichloro-2-fluoroethane (HCFC-141a)                 | 430-57-9      |
| 1,1-Dichloro-1-fluoroethane (HCFC-141b)                 | 430-53-5      |
| 1,1-Dichloro-1-fluoroethane (HCFC-141b)                 | 1717-00-6     |
| Chlorodifluoroethane (HCFC-142)                         | 25497-29-4    |
| 2-Chloro-1,1-Difluoroethane (HCFC-142)                  | 338-65-8      |
| 1-Chloro-1,1-difluoroethane (HCFC-142b)                 | 75-68-3       |
| 1-Chloro-1,2-difluoroethane (HCFC-142a)                 | 338-64-7      |
| Chlorofluoroethane (HCFC-151)                           | 110587-14-9   |
| 1-Chloro-2-fluoroethane (HCFC-151)                      | 762-50-5      |
| 1-Chloro-1-fluoroethane (HCFC-151a)                     | 1615-75-4     |
| Hexachlorofluoropropane (HCFC-221)                      | 134237-35-7   |
| 1,1,1,2,2,3-Hexachloro-3-fluoropropane (HCFC-221ab)     | 29470-94-8    |
| 1,1,1,2,2,3-Hexachloro-3-fluoropropane (HCFC-221ab)     | 422-26-4      |
| Pentachlorodifluoropropane (HCFC-222)                   | 134237-36-8   |
| 1,1,1,3,3-pentachloro-2,2-difluoropropane (HCFC-222ca)  | 422-49-1      |
| 1,2,2,3,3-pentachloro-1,1-difluoropropane (HCFC-222aa)  | 422-30-0      |
| 1,2,2,3,3-pentachloro-1,1-difluoropropane (HCFC-222aa)  | 422-30-0      |
| Tetrachlorotrifluoropropane (HCFC-223)                  | 134237-37-9   |
| 1,1,3,3-Tetrachloro-1,2,2-trifluoropropane (HCFC-223ca) | 422-52-6      |
| 1,1,1,3-Tetrachloro-2,2,3-trifluoropropane (HCFC-223cb) | 422-50-4      |
| 1,1,1,3-Tetrachloro-2,2,3-trifluoropropane (HCFC-223cb) | 422-50-4      |
| Trichlorotetrafluoropropane (HCFC-224)                  | 134237-38-0   |
| 1,3,3-Trichloro-1,1,2,2-tetrafluoropropane (HCFC-224ca) | 422-54-8      |
| 1,1,3-Trichloro-1,2,2,3-tetrafluoropropane (HCFC-224cb) | 422-53-7      |
| 1,1,1-Trichloro-2,2,3,3-tetrafluoropropane (HCFC-224cc) | 422-51-5      |

| Ozone Depleting Substances                             | CAS No.     |
|--|-------------|
| Dichloropentafluoropropane (HCFC-225)                  | 127564-92-5 |
| 2,2-Dichloro-1,1,1,3,3-pentafluoropropane(HCFC-225aa)  | 128903-21-9 |
| 2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba) | 422-48-0    |
| 1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb) | 422-44-6    |
| 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca) | 422-56-0    |
| 1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb) | 507-55-1    |
| 1,1-Dichloro-1,2,2,3,3-pentafluoropropane(HCFC-225cc)  | 13474-88-9  |
| 1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da) | 431-86-7    |
| 1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea) | 136013-79-1 |
| 1,1-Dichloro-1,2,3,3,3-pentafluoropropane(HCFC-225eb)  | 111512-56-2 |
| Chlorohexafluoropropane (HCFC-226)                     | 134308-72-8 |
| 2-Chloro-1,1,1,3,3,3-hexafluoro-propane (HCFC-226da)   | 431-87-8    |
| Pentachlorofluoropropane (HCFC-231)                    | 134190-48-0 |
| 1,1,1,2,3-pentachloro-2-fluoro-propane (HCFC-231bb)    | 421-94-3    |
| Tetrachlorodifluoropropane (HCFC-232)                  | 134237-39-1 |
| 1,1,1,3-Tetrachloro-3,3-difluoropropane (HCFC-232fc)   | 460-89-9    |
| Trichlorotrifluoropropane (HCFC-233)                   | 134237-40-4 |
| 1,1,1-Trichloro-3,3,3-trifluoropropane (HCFC-233fb)    | 7125-83-9   |
| Dichlorotetrafluoropropane (HCFC-234)                  | 127564-83-4 |
| 1,2-Dichloro-1,2,3,3-tetrafluoropropane (HCFC-234db)   | 425-94-5    |
| Chloropentafluoropropane (HCFC-235)                    | 134237-41-5 |
| 1-Chloro-1,1,3,3,3-pentafluoropropane (HCFC-235fa)     | 460-92-4    |
| Tetrachlorofluoropropane (HCFC-241)                    | 134190-49-1 |
| 1,1,2,3-Tetrachloro-1-fluoropropane (HCFC-241db)       | 666-27-3    |
| Trichlorodifluoropropane (HCFC-242)                    | 134237-42-6 |
| 1,3,3,Trichloro-1,1-difluoropropane (HCFC-242fa)       | 460-63-9    |
| Dichlorotrifluoropropane (HCFC-243)                    | 134237-43-7 |
| 1,1-Dichloro-1,2,2-trifluoropropane (HCFC-243cc)       | 7125-99-7   |
| 2,3-Dichloro-1,1,1-trifluoropropane (HCFC-243db)       | 338-75-0    |
| 3,3-Dichloro-1,1,1-trifluoropropane (HCFC-243fa)       | 460-69-5    |
| Chlorotetrafluoropropane (HCFC-244)                    | 134190-50-4 |
| 3-Chloro-1,1,2,2-tetrafluoropropane (HCFC-244ca)       | 679-85-6    |
| 1-Chloro-1,1,2,2-tetrafluoropropane (HCFC-244cc)       | 421-75-0    |
| Trichlorofluoropropane (HCFC-251)                      | 134190-51-5 |
| 1,1,3-Trichloro-1-fluoropropane (HCFC-251fb)           | 818-99-5    |
| 1,1,2-Trichloro-1-fluoropropane (HCFC-251dc)           | 421-41-0    |
| Dichlorodifluoropropane (HCFC-252)                     | 134190-52-6 |
| 1,3-Dichloro-1,1-difluoropropane (HCFC-252fb)          | 819-00-1    |
| Chlorotrifluoropropane (HCFC-253)                      | 134237-44-8 |
| 3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)           | 460-35-5    |
| Dichlorofluoropropane (HCFC-261)                       | 134237-45-9 |
| 1,1-Dichloro-1-fluoropropane (HCFC-261fc)              | 7799-56-6   |
| 1,2-Dichloro-2-fluoro-propane (HCFC-261ba)             | 420-97-3    |
| Chlorodifluoropropane (HCFC-262)                       | 134190-53-7 |
| 1-Chloro-2,2-difluoropropane (HCFC-262ca)              | 420-99-5    |
| 2-Chloro-1,3-difluoropropane (HCFC-262da)              | 102738-79-4 |
| 1-Chloro-1,1-difluoropropane (HCFC-262fc)              | 421-02-3    |
| Chlorofluoropropane (HCFC-271)                         | 134190-54-8 |
| 2-Chloro-2-fluoropropane (HCFC-271ba)                  | 420-44-0    |
| 1-Chloro-1-fluoropropane (HCFC-271fb)                  | 430-55-7    |

\*Note: These substances may contain further isomers that are not listed here. Isomers with CAS numbers have been included when available.

Fluorinated Greenhouse Gases

| Perfluorocarbons (PFC), Sulfur hexafluoride (SF6) & Hydrofluorocarbons (HFC) | CAS No.     |
|--|-------------|
| Tetrafluoromethane (Carbon tetrafluoride, PFC-14)                            | 75-73-0     |
| Hexafluoroethane (PFC-116)   | 76-16-4     |
| Octafluoropropane (PFC-218)  | 76-19-7     |
| Decafluorobutane (PFC-31-10)   | 355-25-9    |
| Dodecafluoropentane (PFC-41-12)  | 678-26-2    |
| Tetradecafluorohexane (PFC-51-14)  | 355-42-0    |
| Octafluorocyclobutane (PFC-c318)   | 115-25-3    |
| Sulfur Hexafluoride (SF6)  | 2551-62-4   |
| Trifluoromethane (HFC-23)  | 75-46-7     |
| Difluoromethane (HFC-32)   | 75-10-5     |
| Methyl fluoride (HFC-41)   | 593-53-3    |
| 2H,3H-Decafluoropentane (HFC-43-10mee)                                       | 138495-42-8 |
| Pentafluoroethane (HFC-125)  | 354-33-6    |
| 1,1,2,2-Tetrafluoroethane (HFC-134)  | 359-35-3    |
| 1,1,1,2-Tetrafluoroethane (HFC-134a)   | 811-97-2    |
| 1,1-Difluoroethane (HFC-152a)  | 75-37-6     |
| 1,1,2-Trifluoroethane (HFC-143)  | 430-66-0    |
| 1,1,1-Trifluoroethane (HFC-143a)   | 420-46-2    |
| 2H-Heptafluoropropane (HFC-227ea)  | 431-89-0    |
| 1,1,1,2,2,3-Hexafluoro-propane ( HFC-236cb)                                  | 677-56-5    |
| 1,1,1,2,3,3-Hexafluoropropane (HFC-236ea)                                    | 431-63-0    |
| 1,1,1,3,3,3-Hexafluoropropane (HFC-236fa)                                    | 690-39-1    |
| 1,1,2,3-Pentafluoropropane (HFC-245ca)                                       | 679-86-7    |
| 1,1,1,3,3-Pentafluoropropane (HFC-245fa)                                     | 460-73-1    |
| 1,1,1,3,3-Pentafluorobutane (HFC-365mfc)                                     | 406-58-6    |

Note: The reporting requirement refers to the sum of just those substances listed above



| PFOS Compounds   | CAS No.   |
|--|---|
| Perfluorooctane Sulfonates (PFOS)<br>C8F17SO2X, where X = OR, NR or other derivative   | -   |
| Perchlorate Compounds  |   |
| Lithium perchlorate  | 7791-03-9   |
| Other perchlorate compounds  | -   |
| Polybrominated Biphenyls (PBBs)  |   |
| Polybrominated Biphenyls   | 59536-65-1  |
| Dibromobiphenyl  | 92-86-4   |
| 2-Bromobiphenyl  | 2052-07-5   |
| 3-Bromobiphenyl  | 2113-57-7   |
| 4-Bromobiphenyl  | 92-66-0   |
| Tribromobiphenyl   | 59080-34-1  |
| Tetrabromobiphenyl   | 40088-45-7  |
| Pentabromobiphenyl   | 56307-79-0  |
| Hexabromobiphenyl  | 59080-40-9  |
| Hexabromo-1,1-biphenyl   | 36355-01-8  |
| Firemaster FF-1  | 67774-32-7  |
| Heptabromobiphenyl   | 35194-78-6  |
| Octabromobiphenyl  | 61288-13-9  |
| Nonabromobiphenyl  | 27753-52-2  |
| Decabromobiphenyl  | 13654-09-6  |
| Polybrominated Diphenyl Ethers (PBDEs)   |   |
| Bromodiphenyl ether  | 101-55-3  |
| Dibromodiphenyl ether  | 2050-47-7   |
| Tribromodiphenyl ether   | 49690-94-0  |
| Tetrabromodiphenyl ether   | 40088-47-9  |
| Pentabromodiphenyl ether (note: Commercially available PeBDPO is a complex reaction mixture containing a variety of brominated diphenyloxides. | 32534-81-9<br>(CAS number used for commercial grades of PeBDPO) |
| Hexabromodiphenyl ether  | 36483-60-0  |
| Heptabromodiphenyl ether   | 68928-80-3  |
| Octabromodiphenyl ether  | 32536-52-0  |
| Nonabromodiphenyl ether  | 63936-56-1  |
| Decabromodiphenyl ether (Note1)  | 1163-19-5   |
| Note1 : ANNEX XVII of REACH Regulation (EC) No 1907/2006 '67   |   |
| Dibutyltin Compounds (DBT)   |   |
| Dibutyltin oxide   | 818-08-6  |
| Dibutyltin diacetate   | 1067-33-0   |
| Dibutyltin dilaurate   | 77-58-7   |
| Dibutyltin maleate   | 78-04-6   |
| Dibutyltin dichloride (DBTC)   | 683-18-1  |
| Other dibutyltin compounds   | -   |
| Diocetyl tin Compounds (DOT)   |   |
| Diocetyl Tin Oxide   | 870-08-6  |
| Diocetyl tin dilaurate   | 3648-18-8   |
| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)   | 15571-58-1  |
| Other Diocetyl tin compounds   | -   |
| Selected Phthalates  |   |
| Butylbenzyl phthalate (BBP) (Note3)  | 85-68-7   |
| Dibutyl phthalate (DBP) (Note3)  | 84-74-2   |
| Di(2-ethylhexyl) phthalate (DEHP) (Note3)  | 117-81-7  |
| Diisobutyl Phthalate (DEBP) (Note3)  | 84-69-5   |
| Diisodecyl phthalate (DIDP) (Note2)  | 26761-40-0<br>68515-49-1  |
| Diisononyl phthalate (DINP) (Note1)(Note2)   | 28553-12-0<br>68515-48-0  |
| Di-n-octyl phthalate (DNOP) (Note1)  | 117-84-0  |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (Note1)   | 71888-89-6  |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (Note1)  | 68515-42-4  |
| Diisopentylphthalate (Note1)   | 605-50-5  |
| Dihexyl phthalate(DnHP) (Note2)  | 84-75-3   |
| Note1 : Only Products for children   |   |
| Note2 : Surface parts of exports to the United States, are applied is not limited to children's products.                                      |   |
| Note 3: From July 2018, delivery to our company is prohibited.   |   |
| Polychlorinated Biphenyls (PCBs) and specific substitutes  |   |
| Polychlorinated Biphenyls (all isomers and congeners)  | 1336-36-3   |
| Monomethyl-tetrachloro-diphenyl methane(Uqilec 141)  | 76253-60-6  |
| Monomethyl-dichloro-diphenyl methane(Uqilec 121, Uqilec 21)  | 81161-70-8  |
| Monomethyl-dibromo-diphenyl methane (DBBT)   | 99688-47-8  |
| Polychlorinated Terphenyls (PCTs)  |   |
| Polychlorinated Terphenyls<br>(all isomers and congeners)  | 61788-33-8  |
| Polychlorinated Naphthalenes   |   |
| Polychlorinated Naphthalenes   | 70776-03-3  |
| Other polychlorinated Naphthalenes   | -   |

| Radioactive Substances (Radioactive Isotope)  | CAS No.  |
|---|--|
| Uranium-238   | 7440-61-1  |
| Radon   | 10043-92-2   |
| Americium-241   | 14596-10-2   |
| Thorium-232   | 7440-29-1  |
| Cesium-137  | 10045-97-3   |
| Strontium-90  | 10098-97-2   |
| Other radioactive substances  | -  |
| Tri-substituted Organnostannic Compounds  | CAS No.  |
| Triphenyltin-N, N-dimethyldithiocarbamate   | 1803-12-9  |
| Triphenyltinfluoride  | 379-52-2   |
| Triphenyltinacetate   | 900-95-8   |
| Triphenyltinchloride  | 639-58-7   |
| Triphenyltinhydroxide   | 76-87-9  |
| Triphenyltin fattvacid((9-11)salt)  | 18380-71-7<br>18380-72-8<br>47672-31-1<br>94850-90-5 |
| Triphenyltinchloroacetate   | 7094-94-2  |
| Tributyltinmethacrylate   | 2155-70-6  |
| Bis(tributyltin)fumarate  | 6454-35-9  |
| Tributyltinfluoride   | 1983-10-4  |
| Bis(tributyltin)2,3-dibromosuccinate  | 31732-71-5   |
| Tributyltinacetate  | 56-36-0  |
| Tributyltinlaurate  | 3090-36-6  |
| Bis(tributyltin)phthalate   | 4782-29-0  |
| Copolymer of alkyl(c=8) acrylate,methyl methacrylate and tributyltin methacrylate                     | 67772-01-4   |
| Tributyltinsulfamate  | 6517-25-5  |
| Bis(tributyltin)maleate   | 14275-57-1   |
| Tributyltinchloride   | 1461-22-9<br>7342-38-3                               |
| Tributyltin cyclopentane carbonate = mixture  | 85409-17-2   |
| Tributyltin-1,2,3,4,4a,4b,5,6,10,10a-decahydro-7-isopropyl-1,4a-dimethyl-1-phenanthrenecarboxylatemix | 26239-64-5   |
| Other tri-substituted organostannic compounds   | -  |

| Brominated Flame Retardants (other than PBBs, PBDEs or HBCDD)  | CAS No      |
|--|-------------|
| Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(14) [Aliphatic/alicyclic brominated compounds]  | -           |
| Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(15) [Aliphatic/alicyclic brominated compounds in combination with antimony compounds]                     | -           |
| Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(16) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls]                     | -           |
| Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(17) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls] in combination with | -           |
| Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(22) [Aliphatic/alicyclic chlorinated and brominated compounds]  | -           |
| Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(42) [Brominated organic phosphorus compounds]   | -           |
| Poly(2,6-dibromo-phenylene oxide)  | 69882-11-7  |
| Tetra-decabromo-diphenoxy-benzene  | 58965-66-5  |
| 1,2-Bis(2,4,6-tribromo-phenoxy) ethane   | 37853-59-1  |
| 3,5,3',5'-Tetrabromo-bisphenol A (TBBA)  | 79-94-7     |
| TBBA_unspecified   | 30496-13-0  |
| TBBA-epichlorhydrin oligomer   | 40039-93-8  |
| TBBA-TBBA-di(alkyl)ether oligomer  | 70682-74-5  |
| TBBA carbonate oligomer  | 28906-13-0  |
| TBBA carbonate oligomer, phenoxy end capped  | 94334-64-2  |
| TBBA carbonate oligomer, 2,4,6-tribromo-phenol terminated  | 71342-77-3  |
| TBBA-bisphenol A-phosgene polymer  | 32844-27-2  |
| Brominated epoxy resin end-capped with tribromophenol  | 139638-58-7 |
| Brominated epoxy resin end-capped with tribromophenol  | 135229-48-0 |
| TBBA-(2,3-dibromo-propyl-ether)  | 21850-44-2  |
| TBBA bis-(2-hydroxy-ethyl-ether)   | 4162-45-2   |
| TBBA-bis-(allyl-ether)   | 25327-89-3  |
| TBBA-dimethyl-ether  | 37853-61-5  |
| Tetrabromo-bisphenol S   | 39635-79-5  |
| TBBS-bis-(2,3-dibromo-propyl-ether)  | 42757-55-1  |
| 2,4-Dibromo-phenol   | 615-58-7    |
| 2,4,6-tribromo-phenol  | 118-79-6    |
| Pentabromo-phenol  | 608-71-9    |
| 2,4,6-Tribromo-phenyl-allyl-ether  | 3278-89-5   |
| Tribromo-phenyl-allyl-ether, unspecified   | 26762-91-4  |
| Bis(methyl)tetrabromo-phthalate  | 55481-60-2  |
| Bis(2-ethylhexyl)tetrabromo-phthalate  | 26040-51-7  |
| 2-Hydroxy-propyl-2-(2-hydroxy-ethoxy)-ethyl-TBP  | 20566-35-2  |
| TBPA, glycol-and propylene-oxide esters  | 75790-69-1  |
| N,N'-Ethylene_bis-(tetrabromo-phthalimide)   | 32588-76-4  |
| Ethylene-bis(5,6-dibromo-norbornane-2,3-dicarboximide)   | 52907-07-0  |
| 2,3-Dibromo-2-butene-1,4-diol  | 3234-02-4   |
| Dibromo-neopentyl-glycol   | 3296-90-0   |
| Dibromo-propanol   | 96-13-9     |
| Tribromo-neopentyl-alcohol   | 36483-57-5  |
| Poly tribromo-styrene  | 57137-10-7  |
| Tribromo-styrene   | 61368-34-1  |
| Dibromo-styrene grafted PP   | 171091-06-8 |
| Poly-dibromo-styrene   | 31780-26-4  |
| Bromo-/Chloro-paraffins  | 68955-41-9  |
| Bromo-/Chloro-alpha-olefin   | 82600-56-4  |
| Vinylbromide   | 593-60-2    |
| Tris-(2,3-dibromo-propyl)-isocyanurate   | 52434-90-9  |

| Brominated Flame Retardants (other than PBBs, PBDEs or HBCDD) | CAS No      |
|---|-------------|
| Tris(2,4-Dibromo-phenyl) phosphate                            | 49690-63-3  |
| Tris(tribromo-neopentyl) phosphate                            | 19186-97-1  |
| Chlorinated and brominated phosphate ester                    | 125997-20-8 |
| Pentabromo-toluene  | 87-83-2     |
| Pentabromo-benzyl bromide                                     | 38521-51-6  |
| 1,3-Butadiene homopolymer, brominated                         | 68441-46-3  |
| Pentabromo-benzyl-acrylate, monomer                           | 59447-55-1  |
| Pentabromo-benzyl-acrylate, polymer                           | 59447-57-3  |
| Decabromo-diphenyl-ethane                                     | 84852-53-9  |
| Tribromo-bisphenyl-maleinimide                                | 59789-51-4  |
| Tetrabromo-cyclo-octane                                       | 31454-48-5  |
| 1,2-Dibromo-4-(1,2 dibromo-methyl)-cyclo-hexane               | 3322-93-8   |
| Tetrabromophthalic acid Na salt                               | 25357-79-3  |
| Tetrabromo phthalic anhydride                                 | 632-79-1    |
| Octabromo-1,1,3-trimethyl-1-phenylindane (FR-1808)            | 155613-93-7 |
| Other Brominated Flame Retardants                             | -           |

| Dimethylfumarate(Fumaric Acid Dimethyl Ester) | CAS No.  |
|---|----------|
| Dimethylfumarate                              | 624-49-7 |

| Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl) | CAS No.   |
|--|-----------|
| Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl) | 3846-71-7 |

| Formaldehyde | CAS No. |
|--------------|---------|
| Formaldehyde | 50-00-0 |

| Nickel/nickel compounds | CAS No.   |
|-------------------------|-----------|
| Nickel                  | 7440-02-0 |

The use of nickel is required to be reported only if it is likely that skin has direct electronic contact with nickel for a long time, such as an enclosure designed for a portable electronic device.

| Short Chain Chlorinated Paraffins (SCCPs) | CAS No.     |
|---|-------------|
| Alkanes, C10-13, chloro                   | 85535-84-8  |
| Alkanes, C10-12, chloro                   | 108171-26-2 |
| Alkanes, C12-13, chloro                   | 71011-12-6  |
| Alkanes, chloro                           | 61788-76-9  |
| Other Short Chain Chlorinated Paraffins   | -           |

| Tributyltin oxide (TBTO) | CAS No. |
|--------------------------|---------|
| bis-(Tributyltin) oxide  | 56-35-9 |

| Beryllium oxide (BeO) | CAS No.   |
|-----------------------|-----------|
| Beryllium oxide       | 1304-56-9 |

| (PVC) Polyvinyl Chloride  | CAS No.   |
|---------------------------|-----------|
| Polyvinyl chloride (PVC)  | 9002-86-2 |
| Other Polyvinyl chlorides | -         |

| Hexabromocyclododecane (HBCDD)   | CAS No.     |
|--|-------------|
| Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified | 3194-55-6   |
| Hexabromocyclododecane (HBCDD)   | 25637-99-4  |
| alpha-hexabromocyclododecane   | 134237-50-6 |
| beta-hexabromocyclododecane  | 134237-51-7 |
| gamma-hexabromocyclododecane   | 134237-52-8 |

| Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA | CAS No.   |
|---|-----------|
| Pentadecafluorooctanoic acid (PFOA)                                   | 335-67-1  |
| Ammonium pentadecafluorooctanoate (APFO)                              | 3825-26-1 |
| Perfluorooctanoic acid sodium salt; Sodium salt of PFOA               | 335-95-5  |
| Potassium salt of PFOA  | 2395-00-8 |
| Silver salt of PFOA   | 335-93-3  |
| Pentadecafluorooctanoyl fluoride                                      | 335-66-0  |
| Methyl pentadecafluorooctanoate                                       | 376-27-2  |
| Ethyl pentadecafluorooctanoate  | 3108-24-5 |

| Chlorinated Flame Retardants (CFR)                   | CAS No.    |
|--|------------|
| Tris(1-chloro-2-propyl)phosphate                     | 13674-84-5 |
| Tetrakis(2-chloroethyl)dichloroisopentyl(diphosphate | 38051-10-4 |
| Tris(2,3-dichloro-1-propyl)phosphate                 | 66108-37-0 |
| Other Chlorinated Flame Retardants                   | -          |

| Polycyclic-aromatic hydrocarbons (PAH) | CAS No.   |
|--|-----------|
| Benzo[a]pyrene (BaP)                   | 50-32-8   |
| Benzo[e]pyrene (BeP)                   | 192-97-2  |
| Benz[a]anthracene                      | 56-55-3   |
| Chrysene                               | 1718-53-2 |
|  | 218-01-9  |
|  | 1719-03-5 |
| Benzo[b]fluoranthene (BbFA)            | 205-99-2  |
| Benzo[i]fluoranthene (BiFA)            | 205-82-3  |
| Benzo[k]fluoranthene (BkFA)            | 207-08-9  |
| Dibenz[a,h]anthracene (DBAhA)          | 53-70-3   |

| REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)   | CAS No.                              |
|---|--------------------------------------|
| Sodium dichromate, dihydrate  | 7789-12-0                            |
| Sodium dichromate anhydrate   | 10588-01-9                           |
| Bis(tributyltin)oxide (TBTO)  | 56-35-9                              |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)   | 85535-84-8                           |
| 4,4'- Diaminodiphenylmethane (MDA)  | 101-77-9                             |
| Diarsenic pentaoxide  | 1303-28-2                            |
| Diarsenic trioxide  | 1327-53-3                            |
| Triethyl arsenate   | 15606-95-8                           |
| Lead hydrogen arsenate  | 7784-40-9                            |
| Benzyl butyl phthalate (BBP)  | 85-68-7                              |
| Dibutyl phthalate (DBP)   | 84-74-2                              |
| Bis (2-ethylhexyl)phthalate(DEHP)   | 117-81-7                             |
| Anthracene  | 120-12-7                             |
| Cobalt dichloride   | 7646-79-9                            |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)  | 81-15-2                              |
| Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified  | 3194-55-6                            |
| Hexabromocyclododecane (HBCDD)  | 25637-99-4                           |
| alpha-hexabromocyclododecane  | 134237-50-6                          |
| beta-hexabromocyclododecane   | 134237-51-7                          |
| gamma-hexabromocyclododecane  | 134237-52-8                          |
| 2,4-Dinitrotoluene  | 121-14-2                             |
| Anthracene oil  | 90640-80-5                           |
| Anthracene oil, anthracene paste, distr. Lights   | 91995-17-4                           |
| Anthracene oil, anthracene paste, anthracene fraction   | 91995-15-2                           |
| Anthracene oil, anthracene-low  | 90640-82-7                           |
| Anthracene oil, anthracene paste  | 90640-81-6                           |
| Diisobutyl phthalate(DIBP)  | 84-69-5                              |
| Lead chromate   | 7758-97-6                            |
| Lead chromate molybdate sulfate red (C.I. Pigment Red 104)  | 12656-85-8                           |
| Lead sulfochromate yellow (C.I. Pigment Yellow 34)  | 1344-37-2                            |
| Tris(2-chloroethyl)phosphate(TCEP)  | 115-96-8                             |
| Pitch, coal tar, high temp.   | 65996-93-2                           |
| Acrylamide  | 79-06-1                              |
| Trichloroethylene   | 79-01-6                              |
| Boric acid  | 11113-50-1<br>10043-35-3             |
| Disodium tetraborate, anhydrous   | 1303-96-4<br>1330-43-4<br>12179-04-3 |
| Tetraboron disodium heptaoxide, hydrate   | 12267-73-1                           |
| Sodium chromate   | 7775-11-3                            |
| Potassium chromate  | 7789-00-6                            |
| Ammonium dichromate   | 7789-09-5                            |
| Potassium dichromate  | 7778-50-9                            |
| Cobalt(II) sulphate   | 10124-43-3                           |
| Cobalt(II) dinitrate  | 10141-05-6                           |
| Cobalt (II) carbonate   | 513-79-1                             |
| Cobalt(II) diacetate  | 71-48-7                              |
| 2-Methoxyethanol  | 109-86-4                             |
| 2-Ethoxyethanol   | 110-80-5                             |
| Chromium trioxide   | 1333-82-0                            |
| Chromic acid  | 7738-94-5                            |
| Dichromic acid  | 13530-68-2                           |
| Oligomers of chromic acid and dichromic acid  | -                                    |
| 1,2,3-Trichloropropane  | 96-18-4                              |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich  | 71888-89-6                           |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters   | 68515-42-4                           |
| 1-Methyl-2-pyrrolidone  | 872-50-4                             |
| 2-Ethoxyethyl acetate   | 111-15-9                             |
| Hydrazine   | 302-01-2                             |
| Hydrazine, monohydrate  | 7803-57-8                            |
| Strontium chromate  | 7789-06-2                            |
| Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions:<br>a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges<br>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm).<br>c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight | -                                    |
| Calcium arsenate  | 7778-44-1                            |
| Bis(2-methoxyethyl) ether   | 111-96-6                             |
| Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions:<br>a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges<br>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)<br>c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight                      | -                                    |
| Potassium hydroxoctaoxidizincatedichromate  | 11103-86-9                           |
| Lead dipicrate  | 6477-64-1                            |
| N,N-dimethylacetamide   | 127-19-5                             |
| Arsenic acid  | 7778-39-4                            |
| 2-Methoxyaniline; o-Anisidine   | 90-04-0                              |
| Trilead diarsenate  | 3687-31-8                            |

| REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)  | CAS No.     |
|--|-------------|
| 1,2-dichloroethane   | 107-06-2    |
| Pentazinc chromate octahydroxide   | 49663-84-5  |
| Formaldehyde, oligomeric reaction products with aniline  | 25214-70-4  |
| Bis(2-methoxyethyl) phthalate  | 117-82-8    |
| 4-(1,1,3,3-tetramethylbutyl)phenol   | 140-66-9    |
| Lead diazide, Lead azide   | 13424-46-9  |
| Phenolphthalein  | 77-09-8     |
| Dichromium tris(chromate)  | 24613-89-6  |
| Lead stypnate  | 15245-44-0  |
| 2,2'-dichloro-4,4'-methylenedianiline  | 101-14-4    |
| [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]   | 548-62-9    |
| 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  |
| 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triolyme)  | 112-49-2    |
| 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]  | 561-41-1    |
| Lead(II) bis(methanesulfonate)   | 17570-76-2  |
| 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)  | 110-71-4    |
| Diboron trioxide   | 1303-86-2   |
| α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]   | 6786-83-0   |
| 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)   | 2451-62-9   |
| 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)   | 90-94-8     |
| N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)   | 101-61-1    |
| [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]  | 2580-56-5   |
| Formamide  | 75-12-7     |
| Pyrochlore, antimony lead yellow   | 8012-00-8   |
| 6-methoxy-m-toluidine (p-cresidine)  | 120-71-8    |
| Henicosafuoroundecanoic acid   | 2058-94-8   |
| Hexahydromethylphthalic anhydride  | 25550-51-0  |
| Hexahydro-4-methylphthalic anhydride   | 19438-60-9  |
| Hexahydro-1-methylphthalic anhydride   | 48122-14-1  |
| Hexahydro-3-methylphthalic anhydride   | 57110-29-9  |
| Cyclohexane-1,2-dicarboxylic anhydride   | 85-42-7     |
| cis-cyclohexane-1,2-dicarboxylic anhydride   | 13149-00-3  |
| trans-cyclohexane-1,2-dicarboxylic anhydride   | 14166-21-3  |
| Dibutyltin dichloride (DBTC)   | 683-18-1    |
| Lead bis(tetrafluoroborate)  | 13814-96-5  |
| Lead dinitrate   | 10099-74-8  |
| Silicic acid, lead salt  | 11120-22-2  |
| 4-Aminoazobenzene  | 60-09-3     |
| Lead titanium zirconium oxide  | 12626-81-2  |
| Lead monoxide (lead oxide)   | 1317-36-8   |
| o-Toluidine  | 95-53-4     |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine   | 143860-04-2 |
| Silicic acid (H2Si2O5), barium salt (1:1), lead-doped  | 68784-75-8  |
| Trilead bis(carbonate)dihydroxide  | 1319-46-6   |
| Furan  | 110-00-9    |
| N,N-dimethylformamide  | 68-12-2     |
| 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]  | -           |
| 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] | -           |
| 4,4'-methylenedi-o-toluidine   | 838-88-0    |
| Diethyl sulphate   | 64-67-5     |
| Dimethyl sulphate  | 77-78-1     |
| Lead oxide sulfate   | 12036-76-9  |
| Lead titanium trioxide   | 12060-00-3  |
| Acetic acid, lead salt, basic  | 51404-69-4  |
| [Phthalato(2-)]dioxotrilead  | 69011-06-9  |
| Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)   | 1163-19-5   |
| N-methylacetamide  | 79-16-3     |
| Dinoseb (6-sec-butyl-2,4-dinitrophenol)  | 88-85-7     |
| 1,2-Diethoxyethane   | 629-14-1    |
| Tetralead trioxide sulphate  | 12202-17-4  |
| N-pentyl-isopentylphthalate  | 776297-69-9 |
| Dioxobis(stearato)trilead  | 12578-12-0  |
| Tetraethyllead   | 78-00-2     |
| Pentalead tetraoxide sulphate  | 12065-90-6  |
| Pentacosafuorotridecanoic acid   | 72629-94-8  |
| Tricosafuorododecanoic acid  | 307-55-1    |
| Heptacosafuorotetradecanoic acid   | 376-06-7    |
| 1-bromopropane (n-propyl bromide)  | 106-94-5    |
| Methoxyacetic acid   | 625-45-6    |
| 4-methyl-m-phenylenediamine (toluene-2,4-diamine)  | 95-80-7     |
| Methyloxirane (Propylene oxide)  | 75-56-9     |
| Trilead dioxide phosphonate  | 12141-20-7  |
| o-aminoazotoluene  | 97-56-3     |
| 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear   | 84777-06-0  |
| 4,4'-oxydianiline and its salts  | 101-80-4    |
| Orange lead (lead tetroxide)   | 1314-41-6   |
| Biphenyl-4-ylamine   | 92-67-1     |
| Diisopentylphthalate   | 605-50-5    |
| Fatty acids, C16-18, lead salts  | 91031-62-8  |
| Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))  | 123-77-3    |
| Sulfurous acid, lead salt, dibasic   | 62229-08-7  |
| Lead cyanamide   | 20837-86-9  |

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|---|-------------------------------------|
| Cadmium   | 7440-43-9                           |
| Cadmium oxide   | 1306-19-0                           |
| Dipentyl phthalate (DPP)  | 131-18-0                            |
| 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] | -                                   |
| Ammonium pentadecafluorooctanoate (APFO)  | 3825-26-1                           |
| Pentadecafluorooctanoic acid (PFOA)   | 335-67-1                            |
| Cadmium sulphide  | 1306-23-6                           |
| C.I. Direct black 38  | 1937-37-7                           |
| Dihexyl phthalate(DnHP)   | 84-75-3                             |
| Imidazolidine-2-thione: (2-imidazoline-2-thiol)   | 96-45-7                             |
| Triethyl phosphat   | 25155-23-1                          |
| Sodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)   | 573-58-0                            |
| Lead di(acetate)  | 301-04-2                            |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear  | 68515-50-4                          |
| Sodium perborate; perboric acid, sodium salt  | -                                   |
| Sodium peroxometaborate   | 7632-04-4                           |
| Cadmium chloride  | 10108-64-2                          |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328)   | 25973-55-1                          |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)  | 3846-71-7                           |
| 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)  | -                                   |
| Cadmium fluoride  | 7790-79-6                           |
| Cadmium sulphate  | 10124-36-4<br>31119-53-6            |
| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)  | 15571-58-1                          |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 0.3% or above of dihexyl phthalate (EC No. 201-559-5)  | 68515-51-5<br>68648-93-1            |
| 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]   | -                                   |
| 1,3-propanesultone  | 1120-71-4                           |
| 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)  | 3864-99-1                           |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)  | 36437-37-3                          |
| Nitrobenzene  | 98-95-3                             |
| Perfluorononan-1-oic-acid and its sodium and ammonium salts   | 375-95-1<br>21049-39-8<br>4149-60-4 |
| Benzo[def]chrysene (benzo[a]bpyrene)  | 50-32-8                             |
| 4,4'-isopropylidenediphenol (bisphenol A; BPA)  | 80-05-7                             |
| Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts  | 335-76-2<br>3830-45-3<br>3108-42-7  |
| p-(1,1-dimethylpropyl)phenol  | 80-46-6                             |
| 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]                                   | -                                   |
| Perfluorohexane-1-sulphonic acid and its salts(PFHxS)   | -                                   |
| 1,6,7,8,9,14,15,16,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™") covering any of its individual anti- and syn-isomers or any combination thereof   | -                                   |
| Benzo[a]anthracene  | 56-55-3<br>1718-53-2                |
| Cadmium carbonate   | 513-78-0                            |
| Cadmium hydroxide   | 21041-95-2                          |
| Cadmium nitrate   | 10022-68-1<br>10325-94-7            |
| Chrysene  | 218-01-9<br>1719-03-5               |
| 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 (4-HPbl)   | -                                   |
| Terphenyl hydrogenated  | 61788-32-7                          |
| Octamethylcyclotetrasiloxane (D4)   | 556-67-2                            |
| Lead  | 7439-92-1                           |
| Ethylenediamine   | 107-15-3                            |
| Dodecamethylcyclohexasiloxane (D6)  | 540-97-6                            |
| Disodium octaborate   | 12008-41-2                          |
| Dicyclohexyl phthalate  | 84-61-7                             |
| Decamethylcyclopentasiloxane (D5)   | 541-02-6                            |
| Benzo[ghi]perylene  | 191-24-2                            |
| Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)  | 552-30-7                            |
| Pyrene  | 129-00-0<br>1718-52-1               |
| Phenanthrene  | 85-01-8                             |
| Fluoranthene  | 206-44-0<br>93951-69-0              |
| Benzo[k]fluoranthene (BkFA)   | 207-08-9                            |
| 4,4'-isobutylethylidenediphenol: 2,2-bis(4'-hydroxyphenyl)-4-methylpentane  | 6807-17-6                           |
| 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one; 3-benzylidene camphor; 3-BC  | 15087-24-8                          |

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| Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)                                 | -  |
| 4-tert-butylphenol   | 98-54-4  |
| 2-methoxyethyl acetate   | 110-49-6   |
| 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | 13252-13-6<br>2062-98-8<br>62037-80-3<br>67118-55-2<br>75579-39-4<br>75579-40-7  |
| 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone  | 119313-12-1  |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one   | 71868-10-5   |
| Diisohexyl phthalate   | 71850-09-4   |
| Perfluorobutane sulfonic acid (PFBS) and its salts   | 375-73-5<br>131651-65-5<br>144317-44-2<br>220133-51-7<br>220689-12-3<br>25628-08-4<br>29420-49-3<br>503155-89-3<br>507453-86-3<br>68259-10-9 |
| 1-vinylimidazole   | 1072-63-5  |
| 2-methylimidazole  | 693-98-1   |
| butyl 4-hydroxybenzoate  | 94-26-8  |
| Dibutylbis(pentane-2,4-dionato-O,O')tin  | 22673-19-4   |