

Related document 1: JVCKENWOOD Specific Chemicals List (Substance group/Substance)

(For Commercial, consumer, and business product)

Please refer to: (Related document 2 JVCKENWOOD Specific Chemicals Details) for more information.

Ver.3.7

| NO | Category | Substance Name (Japanese) | Substance Name (English) | Threshold (Reporting Level) | Remarks |
|----|-------------|------------------------------------|--|--|---------|
| 1 | Regulated/R | カドミウム/カドミウム化合物 | Cadmium/cadmium compounds | 1. 0.01% by weight(100 ppm) of homogeneous materials 2. 0.001% by weight(10 ppm) of battery 3. The total value of four Substance must be 0.01% by weight(100 ppm) or less for the packaging material. 4.Intentional addition is prohibited to the plastics material. | *2*6 |
| 2 | Regulated/R | 六価クロム化合物 | Chromium VI compounds | 1. 0.1 % by weight(1,000 ppm) of homogeneous materials 2. The total value of four Substance must be 0.01% by weight(100 ppm) or less for the packaging material. 3. 0.0003% by weight (3 ppm) of the leather product. | *6 |
| 3 | Regulated/R | 鉛/鉛化合物 | Lead/lead compounds | 1. 0.1 % by weight (1,000 ppm) of homogeneous materials 2. 0.03% by weight (300 ppm) of surface coating of Cables/cords product 3. 0.004% by weight(40 ppm) of battery 4. 0.01% by weight(100 ppm) of children's product 5. 0.009% by weight of surface coating of children's product 6. The total value of four Substance must be 0.01% by weight(100 ppm) or less for the packaging material. 7.Other than EEE is 500ppm. For example, cases and promotional items | *2*6 |
| 4 | Regulated/R | 水銀/水銀化合物 | Mercury/mercury compounds | 1. Intentionally added 2. 0.1% (1,000 ppm) at homogeneous material 3. 0.0001% by weight (1 ppm) of battery 4. The total value of four Substance must be 0.01% by weight(100 ppm) or less for the packaging material. | *2*6 |
| 5 | Regulated/R | アスベスト類 | Asbestos | Intentionally added | |
| 6 | Regulated/R | 一部の芳香族アミンを生成する アゾ染料・顔料 | Azocolourants and azodyes which form certain aromatic amines | 0.003% by weight (30 ppm) of the finished textile/leather product | *1 |
| 7 | Regulated/R | オゾン層破壊物質 | Ozone depleting substances | Intentionally added | |
| 8 | Regulated/R | フッ素系温室効果ガス (PFC,SF6,HFC) | Fluorinated greenhouse gases (PFC, SF6, HFC) | Intentionally added | |
| 9 | Regulated/R | パーフルオロオクタンスルホン酸(PFOS) 及びその塩 | Perfluorooctane sulfonate (PFOS) | Intentionally added | |
| 10 | Regulated/R | 過塩素酸塩 | Perchlorates | 0.0000006 % by weight (0.006 ppm) of the product | |
| 11 | Regulated/R | ポリ臭化ビフェニル類 (PBB類) | Polybrominated biphenyls (PBBs) | 0.1 % by weight(1,000 ppm) in homogeneous material | |
| 12 | Regulated/R | ポリ臭化ジフェニルエーテル類 (P B D E 類) | Polybrominated diphenyl ethers (PBDEs) | 1. 0.1 % by weight(1,000 ppm) in homogeneous material 2. (Not subject to the RoHS Directive) 0.05 % by weight (500 ppm) in articles 3. Intentionally added (decaBDE) | |
| 13 | Regulated/R | ジブチルスズ化合物 (DBT) | Dibutyltin (DBT) compounds | 0.1 % by weight(1,000 ppm) of tin in the part | |
| 14 | Regulated/R | ジオクチルスズ化合物 (DOT) | Diocetyl tin (DOT) compounds | 0.1 % by weight(1,000 ppm) of tin in the part | |
| 15 | Regulated/R | 一部のフタル酸エステル類 | Selected Phthalates | 1. intentionally added 2. 0.1 % by weight(1,000 ppm) in homogeneous material 3. 0.1 % by weight(1,000 ppm) in plasticized material | |
| 16 | Regulated/R | ポリ塩化ビフェニル類 (PCB類) および特定代替品 | Polychlorinated biphenyls (PCBs) and specific substitutes | 1. intentionally added 2. Pigments that contain PCB of 50ppm or more the by-product | |
| 17 | Regulated/R | ポリ塩化ターフェニル類 (P C T 類) および特定代替品 | Polychlorinated terphenyls (PCTs) | 0.005 % by weight(50 ppm) in a material | |
| 18 | Regulated/R | ポリ塩化ナフタレン (塩素原子数が2 以上) | Polychlorinated naphthalenes (more than 2 chlorine atoms) | intentionally added | |
| 19 | Regulated/R | 放射性物質 | Radioactive substances | intentionally added | |
| 20 | Regulated/R | 三置換有機スズ化合物 | Tri-substituted organostannic compounds | 1. Intentionally added 2. 0.1 % by weight(1,000 ppm) of tin in a material | *3 |

continues to next page.

JVCKENWOOD Specific Chemicals List

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|----|---------------|---|---|--|------|
| 21 | Information/I | 臭素系難燃剤 (PBB 類、PBDE 類、HBCDDを除く) | Brominated flame retardants (other than PBBs,PBDEs, or HBCDD) | 1. 0.1 % by weight(1,000 ppm) of exterior plastic material 2. 0.09% total bromine content by weight in the Printed wiring board laminate | *7 |
| 22 | Regulated/R | ジメチルフマレート (フマル酸ジメチル) | Dimethylfumarate | 0.00001% by weight (0.1 ppm) in a material | *3 |
| 23 | Regulated/R | 2-(2H-1,2,3-ベンゾトリアゾール-2-イル)-4,6-ジ-tert-ブチルフェノール | Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl) | Intentionally added | |
| 24 | Regulated/R | ホルムアルデヒド | Formaldehyde | 1. intentionally added (Composite wood,plywood, particle board, MDF products or components) 2. 0.0075%by weight(75 ppm) of textile product | *4 |
| 25 | Regulated/R | ニッケル/ニッケル化合物 | Nickel/nickel compounds | Intentionally added(All, where prolonged skin contact is expected) | *5 |
| 26 | Regulated/R | 短鎖型塩化パラフィン類(C10 - C13) | Shortchain chlorinated paraffins (C10 - C13) | 0.1 % by weight(1,000 ppm) of product | |
| 27 | Regulated/R | トリブチルスズ=オキシド (T B T O) | Tributyl tin oxide(TBTO) | 1. Intentionally added 2. 0.1 % by weight (1,000 ppm) of the product | |
| 28 | Information/I | 酸化ベリリウム(BeO) | Beryllium oxide (BeO) | 0.1% by weight (1,000 ppm) of the product | |
| 29 | Information/I | ポリ塩化ビニル (P V C) | Polyvinyl chloride (PVC) | 0.1% by weight (1,000 ppm) of the product | |
| 30 | Information/I | REACH SVHC | REACH SVHC | Please refer to the following. | *8*9 |
| 31 | Regulated/R | ヘキサブロモシクロドデカン (HBCDD) | Hexabromocyclododecane (HBCDD) | 1. Intentionally added 2. 0.01 % by weight (100 ppm) of the product | |
| 32 | Regulated/R | ペルフルオロオクタノ酸(PFOA)とその塩、及び関連化合物 | Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds | 1. Intentionally added 2. textile product packaging material. 0.1 % by weight (1,000 ppm) of the product 3. 1ug/m2 of packaging material and textile product. 4. 0.0000025 mass% (25ppb) in article or mixture. 0.0001 mass% of one or a combination of PFOA-related compounds. | |
| 33 | Regulated/R | 塩素系難燃剤 | Chlorinated Flame Retardants (CFR) | 1. 0.1 % by weight(1,000 ppm) of exterior plastic material 2. 0.09% total chlorine content by weight in the Printed wiring board laminate | *7 |
| 34 | Regulated/R | 多環芳香族炭化水素(PAH) | Polycyclic Aromatic Hydrocarbons (PAHs) | 1. 0.0001% by weight (1 ppm) of rubber or plastic parts. 2. 0.00005% by weight(0.5 ppm) of children's product. | |
| 35 | Regulated/R | リン酸イソプロピルフェニル(PIP(3:1)) | Isopropylphenyl phosphate | Intentionally added | |
| 36 | Regulated/R | C9-C14ペルフルオロカルボン酸(C9-C14 PFCAs)とその塩、及び関連物質 | C9-C14perfluorocarboxylic acids(C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances | 0.0000025 mass% (25 ppb) in article or mixture. 0.000026 mass% (260 ppb) for the sum of C9-C14 PFCA-related substances. | |
| 37 | Information/I | パー及びポリフルオロアルキル化合物 (PFAS) | Per- and poly-fluoroalkyl substances (PFAS) | Intentionally added | *10 |
| 38 | Regulated/R | ペルフルオロヘキサンスルホン酸(PFHxS)、その塩およびPFHxS関連化合物 | Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds | 1. Intentionally added 2. 0.0000025 mass% (25ppb) in article or mixture. 0.0001 mass% of one or a combination of PFHxS-related compounds. | |

REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)

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|----|------------------------------|--|---|---|------|
| 1 | Information/ (REACH SVHC) | 重クロム酸ナトリウム・2水和物 | Sodium dichromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 2 | Information/ (REACH SVHC) | トリブチルスズ=オキシド (T B T O) ビス (トリブチルスズ) = オキシド | Tributyl Tin Oxide (TBTO) Bis(tributyltin)oxide | 1. Intentionally added 2. 0.1 % by weight (1,000 ppm) of the product | *8*9 |
| 3 | Information/ (REACH SVHC) | 短鎖型塩化パラフィン (炭素鎖長：10～13の短鎖型塩化パラ フィンを対象とする。) | Alkanes, C10-13, chloro Short Chain Chlorinated Paraffins | 1. Intentionally added 2. 0.1 % by weight (1,000 ppm) of the product | *8*9 |
| 4 | Information/ (REACH SVHC) | 4,4'-メチレンジアニリン | 4,4'- Diaminodiphenylmethane (MDA) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 5 | Information/ (REACH SVHC) | 五酸化二ヒ素 | Diarsenic pentaoxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 6 | Information/ (REACH SVHC) | 三酸化二ヒ素 (亜ヒ酸) | Diarsenic trioxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 7 | Information/ (REACH SVHC) | ヒ酸トリエチル | Triethyl arsenate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 8 | Information/ (REACH SVHC) | ヒ酸鉛 | Lead hydrogen arsenate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 9 | Information/ (REACH SVHC) | フタル酸 n - ブチル = ベンジル | Benzyl butyl phthalate (BBP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 10 | Information/ (REACH SVHC) | フタル酸ジ-n-ブチル、 フタル酸ジブチル | Dibutyl phthalate (DBP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 11 | Information/ (REACH SVHC) | フタル酸ビス (2 - エチルヘキシル) | Bis (2-ethylhexyl)phthalate(DEHP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 12 | Information/ (REACH SVHC) | ヘキサブロモシクロドデカン (およびすべての主要ジアステレオ異性体混 合物) | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α - HBCDD, β -HBCDD, γ -HBCDD) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 13 | Information/ (REACH SVHC) | アントラセン | Anthracene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 14 | Information/ (REACH SVHC) | 塩化コバルト (II) | Cobalt dichloride | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 15 | Information/ (REACH SVHC) | 2,4,6-トリニトロ-5-tert-ブチル-1,3-キシ レン (ムスクキレン) | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 16 | Information/ (REACH SVHC) | 2,4-ジニトロトルエン | 2,4-Dinitrotoluene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 17 | Information/ (REACH SVHC) | アントラセン油 | Anthracene oil | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 18 | Information/ (REACH SVHC) | アントラセン油 (アントラセンペースト、軽蒸 留) | Anthracene oil, anthracene paste, distn. Lights | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 19 | Information/ (REACH SVHC) | アントラセン油、アントラセンペースト、アントラ セン留分 | Anthracene oil, anthracene paste, anthracene fraction | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 20 | Information/ (REACH SVHC) | アントラセン油 (アントラセン低含有) | Anthracene oil, anthracene-low; Anthracene Oil Fraction | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 21 | Information/ (REACH SVHC) | アントラセンオイル、アントラセンペースト | Anthracene oil, anthracene paste | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 22 | Information/ (REACH SVHC) | フタル酸ジイソブチル(DIBP) | Diisobutyl phthalate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 23 | Information/ (REACH SVHC) | クロム酸鉛 | Lead chromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 24 | Information/ (REACH SVHC) | C.I ピグメントレッド104 | Lead chromate molybdate sulfate red (C.I. Pigment Red 104) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 25 | Information/ (REACH SVHC) | C.I ピグメントイエロー-34 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 26 | Information/ (REACH SVHC) | リン酸トリス (2-クロロエチル) (TCEP) | Tris(2-chloroethyl)phosphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 27 | Information/ (REACH SVHC) | コールタールピッチ (高温) | Pitch, coal tar, high temp. | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 28 | Information/ (REACH SVHC) | アクリルアミド | Acrylamide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 29 | Information/ (REACH SVHC) | トリクロロエチレン | Trichloroethylene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 30 | Information/ (REACH SVHC) | ホウ酸 | Boric acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 31 | Information/ (REACH SVHC) | 四ホウ酸二ナトリウム、無水物(ホウ砂) | Disodium tetraborate, anhydrous | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 32 | Information/ (REACH SVHC) | 四ホウ酸二ナトリウム、水和物 | Tetraboron disodium heptaoxide, hydrate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 33 | Information/ (REACH SVHC) | クロム酸ナトリウム | Sodium chromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 34 | Information/ (REACH SVHC) | クロム酸カリウム | Potassium chromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 35 | Information/ (REACH SVHC) | 二クロム酸アンモニウム | Ammonium dichromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 36 | Information/ (REACH SVHC) | 重クロム酸カリウム | Potassium dichromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 37 | Information/ (REACH SVHC) | 硫酸コバルト (Ⅱ) | Cobalt(II) sulphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 38 | Information/ (REACH SVHC) | 硝酸コバルト (Ⅱ) | Cobalt(II) dinitrate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 39 | Information/ (REACH SVHC) | 炭酸コバルト (Ⅱ) | Cobalt (II) carbonate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 40 | Information/ (REACH SVHC) | 酢酸コバルト (Ⅱ) | Cobalt(II) diacetate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 41 | Information/ (REACH SVHC) | 2-メトキシエタノール | 2-Methoxyethanol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 42 | Information/ (REACH SVHC) | 2-エトキシエタノール | 2-Ethoxyethanol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 43 | Information/ (REACH SVHC) | 酸化クロム(VI) | Chromium trioxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 44 | Information/ (REACH SVHC) | 三酸化クロム及びそのオリゴマーから生じる酸(クロム酸、重クロム酸、クロム酸と重クロム酸のオリゴマー) | Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 45 | Information/ (REACH SVHC) | 1, 2, 3-トリクロロプロパン | 1,2,3-Trichloropropane | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 46 | Information/ (REACH SVHC) | 1, 2-ベンゼンジカルボン酸、炭素数7の側鎖炭化水素を主成分とする炭素数6~8のフタル酸エステル類 (D I H P) | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 47 | Information/ (REACH SVHC) | 1, 2-ベンゼンジカルボン酸、炭素数7~11の分岐および直鎖アルキルエステル類 (D H N U P) | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 48 | Information/ (REACH SVHC) | N-メチル-2-ピロリドン | 1-Methyl-2-pyrrolidone | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 49 | Information/ (REACH SVHC) | 酢酸2-エトキシエチル | 2-Ethoxyethyl acetate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 50 | Information/ (REACH SVHC) | ヒドラジン | Hydrazine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 51 | Information/ (REACH SVHC) | クロム酸ストロンチウム | Strontium chromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 52 | Information/ (REACH SVHC) | ジルコニアアルミノシリケート耐火セラミック繊維 (Zr-RCF) EC No.1272/2008の附属書VI、パート3、表3.1において650-017-00-8として包含される繊維で、以下の3条件を満たす。 a) アルミナおよびシリカおよびジルコニアは、可変濃度範囲内に存在する主要成分(繊維の)である。 b) 繊維は、その長さ加重幾何平均径からその標準誤差の2倍値を引いた値が6µm以下であること。 c) アルカリ酸化物およびアルカリ土類酸化物(Na2O+K2O+CaO+MgO+BaO)は、18重量%以下 | 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 | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 53 | Information/ (REACH SVHC) | ヒ酸カルシウム | Calcium arsenate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 54 | Information/ (REACH SVHC) | ビス(2-メトキシエチル)エーテル | Bis(2-methoxyethyl) ether | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 55 | Information/ (REACH SVHC) | アルミノシリケート耐火セラミック繊維 (RCF) EC No.1272/2008の附属書VI、パート3、表3.1において650-017-00-8として包含される繊維で、以下の3条件を満たす。 a) アルミナおよびシリカは、可変濃度範囲内に存在する主要成分(繊維の)である。 b) 繊維は、その長さ加重幾何平均径からその標準誤差の2倍値を引いた値が6µm以下であること。 c) アルカリ酸化物およびアルカリ土類酸化物(Na2O+K2O+CaO+MgO+BaO)は、18重量%以下 | 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 | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 56 | Information/ (REACH SVHC) | ヒドロキシオクタオキソニ重鉛酸二クロム酸カリウム | Potassium hydroxyoctaoxodizincatedichromate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 57 | Information/ (REACH SVHC) | ビスピクリン酸鉛(II) | Lead dipicrate | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 58 | Information/ (REACH SVHC) | N,N-ジメチルアセトアミド | N,N-dimethylacetamide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 59 | Information/ (REACH SVHC) | ヒ酸 | Arsenic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 60 | Information/ (REACH SVHC) | 2-メトキシアニリン ; o-アニシジン | 2-Methoxyaniline; o-Anisidine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 61 | Information/ (REACH SVHC) | ヒ酸鉛 (I I) | Trilead diarsenate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 62 | Information/ (REACH SVHC) | 1,2-ジクロロエタン | 1,2-dichloroethane | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 63 | Information/ (REACH SVHC) | クロム酸八水酸化五亜鉛 | Pentazinc chromate octahydroxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 64 | Information/ (REACH SVHC) | ホルムアルデヒドとアニリンの重縮合物 | Formaldehyde, oligomeric reaction products with aniline | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 65 | Information/ (REACH SVHC) | ビス (2 - メトキシエチル) = フタレート | Bis(2-methoxyethyl) phthalate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 66 | Information/ (REACH SVHC) | 4-(1,1,3,3-テトラメチルブチル)フェノール | 4-(1,1,3,3-tetramethylbutyl)phenol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 67 | Information/ (REACH SVHC) | アジ化鉛 (I I) | Lead diazide, Lead azide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 68 | Information/ (REACH SVHC) | フェノールフタレイン | Phenolphthalein | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 69 | Information/ (REACH SVHC) | クロム酸クロム (I I I) | Dichromium tris(chromate) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 70 | Information/ (REACH SVHC) | 鉛(II)2,4,6-トリニトロ-1,3-ベンゼンジオラート(スチフン酸鉛) | Lead styphnate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 71 | Information/ (REACH SVHC) | 2,2'-ジクロロ-4,4'-メチレンジアニリン | 2,2'-dichloro-4,4'-methylenedianiline | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 72 | Information/ (REACH SVHC) | [4-[4,4'-ビス(ジメチルアミノ)ベンズヒドリデン]シクロヘキサ-2,5-ジエン-1-イリデン]ジメチルアンモニウムクロリド (C.I. ベーシックバイオレット3) *ミラーズベース (EC No.:202-027-5)、ミラーズベース (EC No.:202-959-2)を質量比で0.1%以上含んでいる場合に限る。 | [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)] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 73 | Information/ (REACH SVHC) | 1,3,5-トリス-[(2S および2R)-2,3-エポキシプロピル]-1,3,5-トリアジン-2,4,6-(1H,3H,5H)-トリアン | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 74 | Information/ (REACH SVHC) | トリエチレングリコールジメチルエーテル (トリグリム) | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 75 | Information/ (REACH SVHC) | ビス [4 - (ジメチルアミノ) フェニル] [4 - (メチルアミノ) フェニル] メタノール *ミラーズベース (EC No.:202-027-5)、ミラーズベース (EC No.:202-959-2)を質量比で0.1%以上含んでいる場合に限る。 | 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)] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 76 | Information/ (REACH SVHC) | メタンサルホン酸鉛 (II) | Lead(II) bis(methanesulfonate) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 77 | Information/ (REACH SVHC) | 1, 2 - ジメトキシエタン | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 78 | Information/ (REACH SVHC) | 三酸化二ホウ素 | Diboron trioxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 79 | Information/ (REACH SVHC) | α,α-ビス[4-(ジメチルアミノ)フェニル]-4-(フェニルアミノ)-1-ナフタレンメタノール (C.I. ソルベントブルー4) *ミラーズベース (EC No.:202-027-5)、ミラーズベース (EC No.:202-959-2)を質量比で0.1%以上含んでいる場合に限る。 | 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)] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 80 | Information/ (REACH SVHC) | イソシアヌル酸1,3,5-トリグリシジル, トリグリシジルイソシアヌラート | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 81 | Information/ (REACH SVHC) | 4,4'-ビス (ジメチルアミノ) ベンゾフェノン (ミラーズベース) | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 82 | Information/ (REACH SVHC) | N,N,N',N'-テトラメチル-4,4'-メチレンジアニリン, 4,4'-メチレンビス (N,N'-ジメチルアニリン) , ビス[4-(ジメチルアミノ)フェニル]メタン (ミラーズベース) | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 83 | Information/ (REACH SVHC) | [4-[4-アニリノ-1-ナフチル][4-(ジメチルアミノ)フェニル]メチレン]シクロヘキサ-2,5-ジエン-1-イリデン]ジメチルアンモニウムクロリド (C.I. ベーシックブルー-26) *ミラーズベース (EC No.:202-027-5)、ミラーズベース (EC No.:202-959-2)を質量比で0.1%以上含んでいる場合に限る。 | [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)] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 84 | Information/ (REACH SVHC) | ホルムアミド | Formamide | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 85 | Information/I (REACH SVHC) | C. I. ビグメントイエロー 4 1 | Pyrochlore, antimony lead yellow | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 86 | Information/I (REACH SVHC) | 6-メトキシ-m-トルイジン | 6-methoxy-m-toluidine (p-cresidine) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 87 | Information/I (REACH SVHC) | ペルフルオロウンデカン酸 | Henicosfluoroundecanoic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 88 | Information/I (REACH SVHC) | [1]メチルヘキサヒドロ無水フタル酸、[2] 4-メチルヘキサヒドロ無水フタル酸、[3] 1-メチルヘキサヒドロ無水フタル酸、[4] 3-メチルヘキサヒドロ無水フタル酸 [2]、[3]および[4](それらのシスとトランスステレオ異性体を含む)そして、[1]の異性体のすべての可能な組み合わせがこのエントリーでカバーされる。 | 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 89 | Information/I (REACH SVHC) | [1] 1, 2-シクロヘキサジカルボン酸無水物、[2]シス-1, 2-シクロヘキサジカルボン酸無水物、[3]トランス-1, 2-シクロヘキサジカルボン酸無水物 個々のシス[2]、[3]のトランス異性体物質、およびシスとトランス異性体[1]のすべての可能な組み合わせがこのエントリーでカバーされる。 | 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 90 | Information/I (REACH SVHC) | ジブチルスズクロライド; DBTC | Dibutyltin dichloride (DBTC) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 91 | Information/I (REACH SVHC) | ホウフッ化鉛; 四フッ化ホウ酸鉛 (II) | Lead bis(tetrafluoroborate) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 92 | Information/I (REACH SVHC) | 硝酸鉛 (II) | Lead dinitrate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 93 | Information/I (REACH SVHC) | ケイ酸と鉛の塩 | Silicic acid, lead salt | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 94 | Information/I (REACH SVHC) | 4-アミノアゾベンゼン | 4-Aminoazobenzene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 95 | Information/I (REACH SVHC) | ジルコン酸チタン酸鉛 | Lead titanium zirconium oxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 96 | Information/I (REACH SVHC) | 一酸化鉛; 酸化鉛 (I I) | Lead monoxide (lead oxide) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 97 | Information/I (REACH SVHC) | o-トルイジン | o-Toluidine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 98 | Information/I (REACH SVHC) | 3-エチル-2-メチル-2-(3-メチルブチル)-1,3-oxazolidine | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 99 | Information/I (REACH SVHC) | ケイ酸とバリウムの塩 (1 : 1) (鉛ドーブ) [‘toxicity for reproduction’ Repr. 1A (CLP) 又は カテゴリ1 (DSD)の濃度限界を超えた鉛を含有するもの; この物質は、Regulation (EC) No 1272/2008の082-001-00-6の鉛化合物に含まれる] | Silicic acid (H2Si2O5), 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 100 | Information/I (REACH SVHC) | 炭酸鉛; 水酸化炭酸鉛 (II) | Trilead bis(carbonate)dihydroxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 101 | Information/I (REACH SVHC) | フラン | Furan | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 102 | Information/I (REACH SVHC) | N, N-ジメチルホルムアミド | N,N-dimethylformamide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 103 | Information/I (REACH SVHC) | エトキシ化された4-(1,1,3,3-テトラメチルブチル)フェノール [明確に定義された物質、UVCB物質は、ポリマー及び同族体を含む] | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 104 | Information/I (REACH SVHC) | 4-ノニルフェノール [フェノールの4の位置に直鎖又は分岐の炭素数が9のアルキル基が共有結合した物質。UVCBと明確に定義された個々の異性体とその混合物を含む。] | 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 105 | Information/I (REACH SVHC) | 4, 4'-メチレンビス (o-トルイジン) | 4,4'-methylene-di-o-toluidine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 106 | Information/I (REACH SVHC) | 硫酸ジエチル | Diethyl sulphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 107 | Information/I (REACH SVHC) | 硫酸ジメチル | Dimethyl sulphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 108 | Information/I (REACH SVHC) | 塩基性硫酸鉛 | Lead oxide sulfate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 109 | Information/I (REACH SVHC) | チタン酸鉛 | Lead titanium trioxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 110 | Information/I (REACH SVHC) | 塩基性酢酸鉛 | Acetic acid, lead salt, basic | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 111 | Information/ (REACH SVHC) | [1 , 2 -ベンゼンジカルボキシト (2 -)] ジオキソ三鉛; ジオキソ (フタラト) 三鉛 | [Phthalato(2-)]dioxotrilead | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 112 | Information/ (REACH SVHC) | デカブロモジフェニルエーテル | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 113 | Information/ (REACH SVHC) | N - メチルアセトアミド | N-methylacetamide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 114 | Information/ (REACH SVHC) | ジノセブ; 2 - s e c - ブチル - 4 , 6 - ジニトロフェノール | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 115 | Information/ (REACH SVHC) | エチレンジオキシエチルエーテル; 1 , 2 - ジエトキシエタン | 1,2-Diethoxyethane | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 116 | Information/ (REACH SVHC) | 塩基性硫酸鉛; 三塩基性硫酸鉛; 三塩基性硫酸鉛 (P b 4 O 3 (S O 4)) | Tetralead trioxide sulphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 117 | Information/ (REACH SVHC) | フタル酸 N - ペンチル - イソペンチル; N - ペンチル - イソペンチルフタレート | N-pentyl-isopentylphthalate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 118 | Information/ (REACH SVHC) | ジオキソビス (ステアリン酸) 三鉛 | Dioxobis(stearato)trilead | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 119 | Information/ (REACH SVHC) | 四エチル鉛 | Tetraethyllead | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 120 | Information/ (REACH SVHC) | 塩基性硫酸鉛 | Pentalead tetraoxide sulphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 121 | Information/ (REACH SVHC) | ペルフルオロトリデカン酸 | Pentacosafuorotridecanoic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 122 | Information/ (REACH SVHC) | ペルフルオロドデカン酸 | Tricosafuorododecanoic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 123 | Information/ (REACH SVHC) | ペルフルオロテトラデカン酸 | Heptacosafuorotetradecanoic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 124 | Information/ (REACH SVHC) | 1 - ブロモプロパン; 臭化 n - プロピル | 1-bromopropane (n-propyl bromide) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 125 | Information/ (REACH SVHC) | メトキシ酢酸 | Methoxyacetic acid | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 126 | Information/ (REACH SVHC) | 2 , 4 - ジアミノトルエン | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 127 | Information/ (REACH SVHC) | 酸化プロピレン | Methyloxirane (Propylene oxide) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 128 | Information/ (REACH SVHC) | 二塩基性リン酸鉛 | Trilead dioxide phosphonate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 129 | Information/ (REACH SVHC) | 2 - アミノ - 5 - アソトルエン; o - アミノアソトルエン | o-aminoazotoluene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 130 | Information/ (REACH SVHC) | フタル酸 n - ペンチル - イソペンチル; 1 , 2 - ベンゼンジカルボン酸、ジペンチルエステル、分岐および直鎖 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 131 | Information/ (REACH SVHC) | 4 , 4 ' - オキシジアニン及びその塩 | 4,4'-oxydianiline and its salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 132 | Information/ (REACH SVHC) | 四三酸化鉛 | Orange lead (lead tetroxide) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 133 | Information/ (REACH SVHC) | ビフェニル - 4 - イルアミン | Biphenyl-4-ylamine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 134 | Information/ (REACH SVHC) | フタル酸ジイソペンチル; DIPP | Diisopentylphthalate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 135 | Information/ (REACH SVHC) | 脂肪酸鉛塩 (炭素数 C 16 - 18) | Fatty acids, C16-18, lead salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 136 | Information/ (REACH SVHC) | アジジカルボキサミド; ジアゼン - 1 , 2 - ビスカルボアミド | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 137 | Information/ (REACH SVHC) | 塩基性亜硫酸鉛 | Sulfurous acid, lead salt, dibasic | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 138 | Information/ (REACH SVHC) | シアナミド鉛 | Lead cyanamidate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 139 | Information/ (REACH SVHC) | カドミウム | Cadmium | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 140 | Information/ (REACH SVHC) | 酸化カドミウム | Cadmium oxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 141 | Information/ (REACH SVHC) | フタル酸ジペンチル(DPP) | Dipentyl phthalate (DPP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 142 | Information/ (REACH SVHC) | 4-ニルフェノール、分岐および直鎖のエトキシレート[フェノールの4の位置で炭素数9の直鎖および/または分岐したアルキル鎖が共有結合している物質、UVCB物質および明確に定義された物質(組成等が分かっている物質)、ポリマーおよび同族体の個々の異性体やその組み合わせのどれでも含んでエトキシ化されたものを含む] | 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 143 | Information/ (REACH SVHC) | ペンタデカフルオロオクタタン酸アンモニウム (APFO) | Ammonium pentadecafluorooctanoate (APFO) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 144 | Information/ (REACH SVHC) | ペンタデカフルオロオクタタン酸 (PFOA) | Pentadecafluorooctanoic acid (PFOA) | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 145 | Information/I (REACH SVHC) | 硫化カドミウム | Cadmium sulphide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 146 | Information/I (REACH SVHC) | ダイレクトブラック 3 8 | C.I. Direct black 38 | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 147 | Information/I (REACH SVHC) | フタル酸ジヘキシル | Dihexyl phthalate(DnHP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 148 | Information/I (REACH SVHC) | 2-イミダゾリジンチオン | Imidazolidine-2-thione; (2-imidazoline-2-thiol) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 149 | Information/I (REACH SVHC) | リン酸トリス (ジメチルフェニル) | Trixylyl phosphat | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 150 | Information/I (REACH SVHC) | ダイレクトレッド28 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 151 | Information/I (REACH SVHC) | 酢酸鉛(II) | Lead di(acetate) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 152 | Information/I (REACH SVHC) | ビス [アルキル (C = 6)] = フタレート; フタル酸ジイソヘキシル (DIHP) | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 153 | Information/I (REACH SVHC) | 過ホウ酸ナトリウム; 過ホウ酸, ナトリウム塩 | Sodium perborate; perboric acid, sodium salt | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 154 | Information/I (REACH SVHC) | 過ホウ酸ソーダ無水物 | Sodium peroxometaborate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 155 | Information/I (REACH SVHC) | 塩化カドミウム | Cadmium chloride | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 156 | Information/I (REACH SVHC) | 2-(2H-ベンゾトリアゾール-2-イル)-4,6-ジ-tert-ペンチルフェニール | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 157 | Information/I (REACH SVHC) | 2-(2H-1,2,3-ベンゾトリアゾール-2-イル)-4,6-ジ-tert-ブチルフェニール | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 158 | Information/I (REACH SVHC) | 10-エチル-4,4-ジオクチル-7-オキソ-8-オキサ-3,5-ジチア-4-スタンナテトラデカノ酸 2-エチルヘキシルとオクチルトリス(2-エチルヘキシルオキシカルボニルメチルチオ)スタナンとの反応生成物; DOTEとMOTEからなる反応物 | reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-(2-ethylhexyl)oxy]-2-oxoethylthio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 159 | Information/I (REACH SVHC) | フッ化カドミウム | Cadmium fluoride | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 160 | Information/I (REACH SVHC) | 硫酸カドミウム | Cadmium sulphate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 161 | Information/I (REACH SVHC) | ジオクチルスズ ビス (2-エチルヘキシルチオグリコラート) ; DOTE | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 162 | Information/I (REACH SVHC) | 1,2-ベンゼンジカルボン酸、ジC6-10アルキルエステル (0.3%以上のフタル酸ジヘキシル (EC No. 201-559-5) を含む場合) | 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) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 163 | Information/I (REACH SVHC) | 5-sec-ブチル-2-(2,4-ジメチルシクロヘキ-3-エン-1-イル) -5-メチル-1,3-ジオキサ[1], 5-sec-ブチル-2-(4,6-ジメチルシクロヘキ-3-エン-1-イル) -5-メチル-1,3-ジオキサ[2] [これらの[1]および[2]またはそれらの任意の組み合わせの個々の立体異性体のいずれかをカバーする] | 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 164 | Information/I (REACH SVHC) | 1, 3 - プロパンスルトン | 1,3-propanesultone | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 165 | Information/I (REACH SVHC) | 2-(3,5-ジ-tert-ブチル-2-ヒドロキシフェニル)-5-クロロベンゾトリアゾール(UV-327) | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 166 | Information/I (REACH SVHC) | 2-(2Hベンゾトリアゾール-2-イル)-6-sec-ブチル-4-tert-ブチルフェニール (UV-350) | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 167 | Information/I (REACH SVHC) | ニトロベンゼン | Nitrobenzene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 168 | Information/I (REACH SVHC) | ペルフルオロノナン酸及びその塩類(PFNA) | Perfluorononan-1-oiic-acid and its sodium and ammonium salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 169 | Information/I (REACH SVHC) | ベンゾ (a) ピレン | Benzo[def]chrysene (benzo[a]pyrene) | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 170 | Information/I (REACH SVHC) | 4, 4'-プロピレン-2, 2-ジイルジフェノール (ビスフェノール A) | 4,4'-isopropylidenediphenol (bisphenol A; BPA) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 171 | Information/I (REACH SVHC) | ナデカフルオロデカン酸(PFDA)及びそのナトリウム塩及びアンモニウム塩 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 172 | Information/I (REACH SVHC) | 4-tert-ペンチルフェノール; p-tert-アミルフェノール | p-(1,1-dimethylpropyl)phenol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 173 | Information/I (REACH SVHC) | 4-ヘプチルフェノール、分岐および直鎖 [主にフェノールの4位の位置に、炭素数7の直鎖又は分岐型アルキル鎖が共有結合している物質で、個々の異性体やその組合せを任意に含む。UVCB及び組成が特定されている物質を対象とする] | 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] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 174 | Information/I (REACH SVHC) | ペルフルオロヘキサンスルホン酸及びその塩 (PFHxS) | Perfluorohexane-1-sulphonic acid and its salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 175 | Information/I (REACH SVHC) | 1, 2, 3, 4, 7, 8, 9, 10, 13, 13, 14, 14-ドデカクロロ-1, 4, 4a, 5, 6, 6a, 7, 10, 10a, 11, 12, 12a-ドデカヒドロ-1, 4; 7, 10-ジメタジベンソ [a, e] シクロオクテン 1,6,7,8,9,14,15,16,17,18-ドデカクロロペンタシクロ [12.2.1.16,9.02,13.05,10]オクタデカ-7,15-ジエン (デクロランプラス) のanti異性体とsyn異性体やそれらの混合物デクロランプラス (TM) (個々のanti-およびsyn-の異性体、またはその組合せを含む) | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™") covering any of its individual anti- and syn-isomers or any combination thereof | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 176 | Information/I (REACH SVHC) | ベンゾ (a) アントラセン | Benz[a]anthracene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 177 | Information/I (REACH SVHC) | 炭酸カドミウム | Cadmium carbonate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 178 | Information/I (REACH SVHC) | 水酸化カドミウム | Cadmium hydroxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 179 | Information/I (REACH SVHC) | 硝酸カドミウム | Cadmium nitrate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 180 | Information/I (REACH SVHC) | クリセン | Chrysene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 181 | Information/I (REACH SVHC) | 1,3,4-チアジアゾリジン-2,5-ジチオン、ホルムアルデヒドおよび、4-ヘプチルフェノール、分岐および直鎖、の反応生成物 (RP-HP) [4-ヘプチルフェノール、分岐および直鎖を0.1%以上含有] | 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) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 182 | Information/I (REACH SVHC) | 水素化テルフェニル | Terphenyl hydrogenated | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 183 | Information/I (REACH SVHC) | 2,2,4,4,6,6,8,8-オクタメチルシクロテトラシロキサラン | Octamethylcyclotetrasiloxane (D4) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 184 | Information/I (REACH SVHC) | 鉛(金属鉛) | Lead | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 185 | Information/I (REACH SVHC) | エチレンジアミン | Ethylenediamine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 186 | Information/I (REACH SVHC) | 2,2,4,4,6,6,8,8,10,10,12,12-ドデカメチルシクロヘキサシロキサラン | Dodecamethylcyclohexasiloxane (D6) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 187 | Information/I (REACH SVHC) | 八ホウ酸二ナトリウムアンヒド亜酸 | Disodium octaborate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 188 | Information/I (REACH SVHC) | ジシクロヘキサン-1-イル=フタレート | Dicyclohexyl phthalate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 189 | Information/I (REACH SVHC) | 2,2,4,4,6,6,8,8,10,10-デカメチルシクロペンタシロキサラン | Decamethylcyclopentasiloxane (D5) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 190 | Information/I (REACH SVHC) | ベンゾ[g,h,i]ペリレン | Benzo[ghi]perylene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 191 | Information/I (REACH SVHC) | 1,2,4-ベンゼントリカルボン酸1,2-無水物 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 192 | Information/I (REACH SVHC) | ピレン | Pyrene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 193 | Information/I (REACH SVHC) | フェナントレン | Phenanthrene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 194 | Information/I (REACH SVHC) | フルオランテン | Fluoranthene | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 195 | Information/I (REACH SVHC) | ベンゾ[k]フルオランテン | Benzo[k]fluoranthene (BkFA) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 196 | Information/I (REACH SVHC) | 4,4'-(4-メチルペンタン-2,2-ジイル)ジフェニール | 4,4'-isobutylethylidenediphenol; 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 197 | Information/I (REACH SVHC) | 1,7,7-トリメチル-3-ベンジリデンビスシクロ[2.2.1]ヘプタン-2-オン | 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one; 3-benzylidene camphor; 3-BC | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 198 | Information/I (REACH SVHC) | 分岐及び直鎖型4-ニルフェノールエトキシレートを含む亜リン酸トリス(4-ニルフェニル、分岐及び直鎖型)(TNPP) | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 199 | Information/I (REACH SVHC) | 4-tert-ブチルフェノール | 4-tert-butylphenol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 200 | Information/I (REACH SVHC) | 2-メトキシエチル=アセタート | 2-methoxyethyl acetate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 201 | Information/I (REACH SVHC) | 2,3,3,3-テトラフルオロ-2-(ヘプタフルオロプロポキシ)プロピオン酸の塩及びアシルハロゲン化合物(個々の異性体やその組合せを任意に含む物質を対象とする) | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 202 | Information/I (REACH SVHC) | 2-ベンジル-2-(N,N-ジメチルアミノ)-1-(4-モルホリノフェニル)プロパン-1-オン | 2-benzyl-2-dimethylamino-4'-morpholinobutylphenone | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 203 | Information/I (REACH SVHC) | 2-メチル-1-(4-(メチルチオ)フェニル)-2-モルホリノプロパン-1-オン | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 204 | Information/I (REACH SVHC) | ジイソヘキシル=フタラート | Diisohexyl phthalate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 205 | Information/I (REACH SVHC) | パーフルオロブタンスルホン酸(PFBS)およびその塩 | Perfluorobutane sulfonic acid(PFBS) and its salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 206 | Information/I (REACH SVHC) | N-ビニルイミダゾール | 1-vinylimidazole | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 207 | Information/I (REACH SVHC) | 2-メチル-1H-イミダゾール | 2-methylimidazole | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 208 | Information/I (REACH SVHC) | ブチル=4-ヒドロキシベンゾアート | butyl 4-hydroxybenzoate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 209 | Information/I (REACH SVHC) | スズ、ジブチルビス(2,4-ペンタンジオナト-O,O')-, (OC-6-11)- | Dibutylbis(pentane-2,4-dionato-O,O')tin | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 210 | Information/I (REACH SVHC) | テトラエチレンジオキソニルジメチルエーテル | Bis(2-(2-methoxyethoxy)ethyl)ether | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 211 | Information/I (REACH SVHC) | ジオクチルビス[(1-オキシドデシル)オキシ]スズ、スタナン、ジオクチル、ビス(ココアシロキシ)誘導体及びその他の全てのスタナン、ジオクチル、ビス(脂肪酸アルコキシ)誘導体ただし脂肪酸アルコキシ部分の炭素数が主にC12であるもの | Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 212 | Information/I (REACH SVHC) | 1,4-ジオキサン | 1,4-dioxane | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 213 | Information/I (REACH SVHC) | 2,2-ビス(ブromoメチル)プロパン-1,3-ジオール(BMP); 3-ブromo-2,2-ビス(ブromoメチル)プロパン-1-オール(TBNPA); 2,3-ジブromoプロパン-1-オール(2,3-DBPA) | 2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 214 | Information/I (REACH SVHC) | 3-(4-tert-ブチルフェニル)-2-メチルプロパナールおよびその各立体異性体 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 215 | Information/I (REACH SVHC) | 4,4'-(1-メチルプロピリデン)ビスフェノール | 4,4'-(1-Methylpropylidene)bisphenol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 216 | Information/I (REACH SVHC) | グルタルアルデヒド | Glutaral | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 217 | Information/I (REACH SVHC) | 中鎖塩素化パラフィン(MCCP) [炭素鎖長がC14からC17の範囲にある直鎖状のクロロアルカンが80%以上含まれるUVCB物質] | Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 218 | Information/I (REACH SVHC) | ホウ酸のナトリウム塩 | Orthoboric acid, sodium salt | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 219 | Information/I (REACH SVHC) | フェノール、オリゴマー化によるC12に富む分岐又は直鎖アルキル鎖を有するアルキル化生成物(主としてパラ位)であって、個々の異性体及び/又はそれらの組合せを含むもの(PDDP) | Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) | 0.1% by weight (1,000 ppm) of the product | *8*9 |

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| 220 | Information/I (REACH SVHC) | (±)-1,7,7-トリメチル-3-[(4-メチルフェニル)メチレン]ピシクロ[2.2.1]ヘプタン-2-オンの個々の異性体および/またはそれらの組み合わせのいずれかを含む (4-MBC) | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 221 | Information/I (REACH SVHC) | 2,2'-メチレンビス(4-メチル-6-tert-ブチルフェノール) | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol; [DBMC] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 222 | Information/I (REACH SVHC) | ホスホロジチオ酸 O-(イソプロピル又はイソブチル又は2-エチルヘキシル) O-(イソプロピル又はイソブチル又は2-エチルヘキシル) S-(トリシクロ[5.2.1.0'2,6]デカ-3-エン-8(or 9)-イル) | S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 223 | Information/I (REACH SVHC) | [トリス(2-メトキシエトキシ)](ビニル)シラン | tris(2-methoxyethoxy)vinylsilane; 6-(2-methoxyethoxy)-6-vinyl-2,5,7,10-tetraoxa-6-silaundecane | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 224 | Information/I (REACH SVHC) | N-メチロールアクリルアミド | N-(hydroxymethyl)acrylamide; methylolacrylamide; [NMA] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 225 | Information/I (REACH SVHC) | 1,2-ビス(2,4,6-トリプロモフェニキシル)エタン | 1,1'-[Ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 226 | Information/I (REACH SVHC) | 2,2'-ビス(4'-ヒドロキシ-3',5'-ジプロモフェニル)プロパン | 2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 227 | Information/I (REACH SVHC) | 4,4'-スルホニルジフェノール | 4,4'-Sulphonyldiphenol | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 228 | Information/I (REACH SVHC) | ビス(ジオキソホウ酸)バリウム | Barium diboron tetraoxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 229 | Information/I (REACH SVHC) | その個々の異性体及び/又はその組み合わせのすべてを含むビス(2-エチルヘキシル)=テトラプロモフタレート | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 230 | Information/I (REACH SVHC) | イソブチル=4-ヒドロキシベンゾアート | Isobutyl 4-hydroxybenzoate | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 231 | Information/I (REACH SVHC) | メラミン | Melamine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 232 | Information/I (REACH SVHC) | パーフルオロヘプタン酸(PFHpA)およびその塩 | Perfluoroheptanoic acid and its salts | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 233 | Information/I (REACH SVHC) | 2,2,3,3,5,5,6,6-オクタフルオロ-4-(1,1,1,2,3,3,3-ヘプタフルオロプロパン-2-イル)モルフォリン及び2,2,3,3,5,5,6,6-オクタフルオロ-4-(ヘプタフルオロプロピル)モルフォリンを構成要素とする物質 | reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 234 | Information/I (REACH SVHC) | ジフェニル-2,4,6-トリメチルベンゾイルホスフィン=オキシド | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 0.1% by weight (1,000 ppm) of the product | *8*9 |
| 235 | Information/I (REACH SVHC) | 4,4'-ジクロロジフェニルスルホン | bis(4-chlorophenyl) sulphone | 0.1% by weight (1,000 ppm) of the product | *8*9 |

Note:

This table shows IEC62474 substance groups/substance and our original specified chemical substance.

When the concentration of each substance exceeds the threshold level, substance name and concentration need to be reported.

"Regulated/R" is a classification for substances prohibited use more than the threshold level because some restricts exist such as prohibiting their use by the law or the industry standard in each country.

"Information/I" is a classification for substances needed to be reported when containing

Please replace substances of "Information/I" with substances not listed in the above table or reduce their use as much as possible. because restriction of use are to be required in some markets.

Please report substance information as much as possible when containing of listed substances in the parts/products are known even if the concentration is below the threshold level.

In addition to the above, there are chemical substances that require management for other reasons, such as quality, safety, and human rights.

(Example: conflict minerals, red phosphorus, etc.)

In some cases, we may request an individual survey.

For example, Request for investigation or Declaration in specification, etc.

*1 The European Community's ban applies to azocolorants and azodyes that by reductive cleavage of azo groups may release one of the aromatic amines listed in Related document 2. The threshold level given applies to these amines, not to the azocolorants and azodyes.

*2 The battery reporting threshold level is based on the strictest known legal requirement. However, for simplification, the same reporting threshold level is set for all kind of batteries, even if the underlying legal requirement is only applicable for only one specific battery type.

*3 Commission Decision defines a concentration limit of 0.1% by weight of tin in the article or part thereof.

*4 Regulatory thresholds in these applications are based on emission or exposure limits rather than on the concentration in the product.

The regulatory limits are:

Formaldehyde in composite wood products - 0.08 ppm until 2010 (measured as gaseous emission from product);

For Nickel in applications of prolonged skin contact - 0.5 micrograms/sq cm/week per DIN EN 1811;

Radioactive substances - a dose rate exceeding $1 \mu\text{Sv h}^{-1}$ at a distance of 0.1 m. Because emission and exposure levels cannot be derived from actual concentrations, a threshold level of "intentionally added" is indicated for reporting. Suppliers may choose to report a default concentration of 0.1% by weight in the product for these substances, in lieu of determining the exact concentrations in their products, to indicate that the substance is known to be present in their product, as the actual concentration in the product is not informative for regulatory compliance assessment.

*5 Nickel can not used in certain regulated applications where it is likely to result in prolonged skin exposure (e.g., an outer enclosure for a portable electronic product designed to be carried).

*6 The RoHS Directive specifies some exemptions by use. 100ppm or less in total in case of packaging material. Please replace substances prohibited use by the RoHS Directive with substances not listed in the above table or reduce their use as much as possible even if they are in exemption of the RoHS Directive such as mercury used in backlight.

*7 A printed wiring board laminate refers to the layered board materials excluding surface finishes and components.

*8 Substances listed as REACH SVHC are published by European Chemical Agency (ECHA) as SVHC

Some or all of these substances will be listed in Annex XIV for authorisation.

The table will be updated when ECHA publishes the additional substances.

All thresholds are applied to a substance in case thresholds are overlapped in a substance.

To Substance that corresponds to REACH SVHC There is an obligation of Communicate information of substances.

The threshold level for report is based on the value in which the mass of substance contained in the product or parts our being supplied is divided by total mass of the product or parts. It is set to 1000ppm.

*9 In case of the SVHC above 0.1wt%, please notify the SCIP information.

SCIP information example:

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

*10 For separately regulated PFAS substances, individual regulatory requirements take precedence.

Related document 2: JVCKENWOOD Specific Chemicals Details

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 hydroxyoctaoxodizincatedichromate | 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 ₂ Si ₂ O ₅), 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] | 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 |
| | 2354-06-5 |
| | 134237-31-3 |
| Tetrachlorotetrafluoropropane (CFC-214) | 29255-31-0 |
| 1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane (CFC-214aa) | 2268-46-4 |
| 1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane (CFC-214cb) | - |
| Trichloropentafluoropropane (CFC-215) | 1599-41-3 |
| 1,2,2-Trichloropentafluoropropane (CFC-215aa) | 1599-41-3 |
| 1,2,3-Trichloropentafluoropropane (CFC-215ba) | 76-17-5 |
| 1,1,2-Trichloropentafluoropropane (CFC-215bb) | - |
| 1,1,3-Trichloropentafluoropropane (CFC-215ca) | - |
| 1,1,1-Trichloropentafluoropropane (CFC-215cb) | 4259-43-2 |
| Dichlorohexafluoropropane (CFC-216) | 661-97-2 |
| Chloroheptafluoropropane (CFC-217) | 422-86-6 |
| Bromochloromethane (Halon-1011) | 74-97-5 |
| Dibromodifluoromethane (Halon-1202) | 75-61-6 |
| Bromochlorodifluoromethane (Halon-1211) | 353-59-3 |
| Bromotrifluoromethane (Halon-1301) | 75-63-8 |
| Dibromotetrafluoroethane (Halon-2402) | 124-73-2 |
| Tetrachloromethane (carbon tetrachloride) | 56-23-5 |
| 1,1,1-Trichloroethane (methylchloroform) | 71-55-6 |
| Bromomethane (methyl bromide) | 74-83-9 |
| Bromoethane (ethyl bromide) | 74-96-4 |
| 1-Bromopropane (n-propyl bromide) | 106-94-5 |
| Trifluoroiodomethane (trifluoromethyl iodide) | 2314-97-8 |
| Chloromethane (methyl chloride) | 74-87-3 |
| Dibromofluoromethane (HBFC-21 B2) | 1868-53-7 |
| Bromodifluoromethane (HBFC-22 B1) | 1511-62-2 |
| Bromofluoromethane (HBFC-31 B1) | 373-52-4 |
| Tetrabromofluoroethane (HBFC-121 B4) | 306-80-9 |
| Tribromodifluoroethane (HBFC-122 B3) | - |
| Dibromotrifluoroethane (HBFC-123 B2) | 354-04-1 |
| Bromotetrafluoroethane (HBFC-124 B1) | 124-72-1 |
| Tribromofluoroethane (HBFC-131 B3) | - |
| Dibromodifluoroethane (HBFC-132 B2) | 75-82-1 |
| Bromotrifluoroethane (HBFC-133 B1) | 421-06-7 |
| Dibromofluoroethane (HBFC-141 B2) | 358-97-4 |
| Bromodifluoroethane (HBFC-142 B1) | 420-47-3 |
| Bromofluoroethane (HBFC-151 B1) | 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-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 |
| 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 |
| 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 |
| 1,1,2,2,3-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) 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 (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 | 1163-19-5 |
| 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 68515-49-1 |
| Diisononyl phthalate (DINP) (Note1)(Note2) | 28553-12-0 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(Ugilec 141) | 76253-60-6 |
| Monomethyl-dichloro-diphenyl methane(Ugilec 121, Ugilec 21) | 81161-70-8 |
| Monomethyl-dibromo-diphenyl methane (DBBT) | 99688-47-8 |
| Polychlorinated Terphenyls (PCTs) | |
| Polychlorinated Terphenyls (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 fattyacid((9-11)salt) | 18380-71-7 18380-72-8 47672-31-1 94850-90-5 |
| Triphenyltinchloroacetate | 7094-94-2 |
| Tributyltinmethacrylate | 2155-70-6 |
| Bis(tributyltin)fumalate | 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 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-diglycidyl-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 |
| 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 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 |
| Other perfluorooctanoic acid (PFOA) , its salts | - |
| Chlorinated Flame Retardants (CFR) | CAS No. |
| Tris(1-chloro-2-propyl)phosphate | 13674-84-5 |
| Tetrakis(2-chloroethyl)dichloroisopentylidiphosphate | 38051-10-4 |
| Tris(2,3-dichloro-1-propyl)phosphate | 66108-37-0 |
| Isopropylphenyl phosphate | 68937-41-7 |
| Other Chlorinated Flame Retardants | - |
| Polycyclic-aromatic hydrocarbons (PAH) | CAS No. |
| Benzo[a]pyrene (BaP) | 50-32-8 |
| Benzo[e]pyrene (BeP) | 192-97-2 |
| Benzo[a]anthracene | 56-55-3 |
| | 1718-53-2 |
| Chrysene | 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 |
| Dibenzo[a,h]anthracene (DBAha) | 53-70-3 |
| C9-C14 perfluorocarboxylic acids(C9-C14 PFCAs), their salts | CAS No. |
| Perfluorononan-1-oic acid | 375-95-1 |
| Nonadecafluorodecanoic acid | 335-76-2 |
| Henicosafuoroundecanoic acid | 2058-94-8 |
| Tricosafuorododecanoic acid | 307-55-1 |
| Pentacosafuorotridecanoic acid | 72629-94-8 |
| Heptacosafuorotetradecanoic acid | 376-06-7 |
| Other C9-C14 perfluorocarboxylic acids(C9-C14 PFCAs), their salts | - |
| Perfluorohexane sulfonic acid (PFHxS), its salts | CAS No. |
| Perfluorohexane-1-sulphonic acid | 355-46-4 |
| Other Perfluorohexane sulfonic acid (PFHxS), its salts | - |

| 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, distn. 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 10043-35-3 |
| Disodium tetraborate, anhydrous | 1303-96-4 1330-43-4 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: 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 | - |
| 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: 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 | - |
| Potassium hydroxyoctaoxodizincatedichromate | 11103-86-9 |
| Lead dipicrate | 6477-64-1 |
| N,N-dimethylacetamide | 127-19-5 |
| Arsenic acid | 7778-39-4 |
| 2-Methoxyvaniline; 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 styphnate | 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; triglyme) | 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 (H ₂ Si ₂ O ₅), 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 cyanamidate | 20837-86-9 |

| REACH SVHC(Candidate List of Substances of Very High Concern for authorisation) | CAS No. |
|---|-------------------------------------|
| 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 |
| Disodium 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 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 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-oi-c-acid and its sodium and ammonium salts | 375-95-1 21049-39-8 4149-60-4 |
| Benzo[def]chrysene (benzo[a]pyrene) | 50-32-8 |
| 4,4'-isopropylidenediphenol (bisphenol A; BPA) | 80-05-7 |
| Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 335-76-2 3830-45-3 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) | - |
| 1,6,7,8,9,14,15,16,17,17,18,18-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 1718-53-2 |
| Cadmium carbonate | 513-78-0 |
| Cadmium hydroxide | 21041-95-2 |
| Cadmium nitrate | 10022-68-1 10325-94-7 |
| Chrysene | 218-01-9 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 1718-52-1 |
| Phenanthrene | 85-01-8 |
| Fluoranthene | 206-44-0 93951-69-0 |
| Benzo[k]fluoranthene (BkFA) | 207-08-9 |
| 4,4'-isobutylethylenediphenol; 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 ≥ 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 2062-98-8 62037-80-3 67118-55-2 75579-39-4 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 |
| 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid | 375-73-5 |
| Lithium perfluorobutane sulfonate | 131651-65-5 |
| Triphenylsulfanium perfluorobutane sulfonate | 144317-44-2 |
| Dimethyl(phenyl)sulfanium perfluorobutane sulfonate | 220133-51-7 |
| Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate | 220689-12-3 |
| N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate | 25628-08-4 |
| Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate | 29420-49-3 |
| Morpholinium perfluorobutanesulfonate | 503155-89-3 |
| Magnesium perfluorobutanesulfonate | 507453-86-3 |
| Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate | 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 |
| Bis(2-(2-methoxyethoxy)ethyl) ether | 143-24-8 |
| Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety | - |
| Stannane, dioctyl-, bis(coco acyloxy) derivs. | 91648-39-4 |
| Diocetyl tin dilaurate | 3648-18-8 |
| 1,4-dioxane | 123-91-1 |
| 2,3-dibromopropan-1-ol; 2,3-dibromo-1-propanol | 96-13-9 |
| 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol; TBNPA | 1522-92-5 |
| Tribromo-neopentyl-alcohol | 36483-57-5 |
| 2,2-bis(bromomethyl)propane-1,3-diol | 3296-90-0 |
| 2-(4-tert-butylbenzyl)propanaldehyde | 80-54-6 |
| (2S)-3-(4-tert-butylphenyl)-2-methylpropanal | 75166-30-2 |
| (2R)-3-(4-tert-butylphenyl)-2-methylpropanal | 75166-31-3 |
| 4,4'-(1-Methylpropylidene)bisphenol | 77-40-7 |
| Glutaral; Glutaraldehyde; Pentane-1,5-dial; Pentanedial | 111-30-8 |
| Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] | - |
| Alkanes, C14-16, chloro | 1372804-76-6 |
| Alkanes, C14-17, chloro | 85535-85-9 |
| Tetradecane, chloro derivs. | 198840-65-2 |
| Chlorinated n-paraffins (C6-18) | 68920-70-7 |
| Alkanes, C10-21, chloro | 84082-38-2 |
| Alkanes, C10-26, chloro | 97659-46-6 |
| Alkanes, C10-32, chloro | 84776-06-7 |
| Alkane, C12-14-, Chloro- | 85536-22-7 |
| Alkane, C16-27-, Chloro- | 84776-07-8 |
| Alkane, C16-35-, Chloro- | 85049-26-9 |
| Chloroparaffin oils | 85422-92-0 |
| Paraffins (petroleum), normal C>10, chloro | 97553-43-0 |
| Alkane, C10-14-, Chloro- | 85681-73-8 |
| Boric acid, sodium salt | 1333-73-9 |
| Orthoboric acid, sodium salt | 13840-56-7 |
| Boric acid (H3BO3), disodium salt | 22454-04-2 |
| boric acid (H3BO3), sodium salt, hydrate | 25747-83-5 |
| Boric acid (H3BO3), sodium salt (1:1) | 14890-53-0 |
| Trisodium orthoborate | 14312-40-4 |
| Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) | - |
| Phenol, dodecyl-, branched | 121158-58-5 |
| Phenol, 4-isododecyl; 4-isododecylphenol | 27459-10-5 |
| Phenol, 4-dodecyl-, branched | 210555-94-5 |
| Phenol, (tetrapropenyl) derivatives | 74499-35-7 |
| Phenol, 4-isododecyl- | 27147-75-7 |
| Phenol, tetrapropylene | 57427-55-1 |
| (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene) bicyclo[2.2.1]heptan-2-one | 1782069-81-1 |
| (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one | 95342-41-9 |
| (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one | 852541-25-4 |
| (+/-)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one | 36861-47-9 |
| (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene) bicyclo[2.2.1]heptan-2-one | 741687-98-9 |
| (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one | 852541-30-1 |
| (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one | 852541-21-0 |
| 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol; [DBMC] | 119-47-1 |
| S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate | 255881-94-8 |
| tris(2-methoxyethoxy)vinylsilane; 6-(2-methoxyethoxy)-6-vinyl-2,5,7,10-tetraoxa-6-silaundecane | 1067-53-4 |
| N-(hydroxymethyl)acrylamide; methylolacrylamide; [NMA] | 924-42-5 |

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|---|------------|
| 1,1'-[Ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] | 37853-59-1 |
| 2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol | 79-94-7 |
| 4,4'-Sulphonvidiphenol | 80-09-1 |
| Barium diboron tetraoxide | 13701-59-2 |
| Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations | - |
| Bis(2-ethylhexyl)tetrabromophthalate | 26040-51-7 |
| Isobutyl 4-hydroxybenzoate | 4247-02-3 |
| Melamine | 108-78-1 |
| Salts of perfluoroheptanoic acid | - |
| Perfluoroheptanoic acid | 375-85-9 |
| Sodium perfluoroheptanoate | 20109-59-5 |
| Ammonium perfluoroheptanoate | 6130-43-4 |
| potassium perfluoroheptanoate | 21049-36-5 |
| reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine | - |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 |
| bis(4-chlorophenyl) sulphone | 80-07-9 |