

**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.2.7

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 (PBDE類)	Polybrominated diphenyl ethers (PBDEs)	0.1 % by weight(1,000 ppm) in homogeneous material	
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 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 (PCT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

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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)	Dimethyl fumarate	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
31	Regulated/R	ヘキサブロモシクロドデカン (HBCDD)	Hexabromocyclododecane (HBCDD)	1. Intentionally added 2. 0.1 % by weight (1,000 ppm) of the product	
32	Regulated/R	ペルフルオロオクタノ酸 (PFOA) 及びその塩	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA	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.	
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.	

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

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
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
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
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
5	Information/ (REACH SVHC)	五酸化二ヒ素	Diarsenic pentaoxide	0.1% by weight (1,000 ppm) of the product	*8
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
7	Information/ (REACH SVHC)	ヒ酸トリエチル	Triethyl arsenate	0.1% by weight (1,000 ppm) of the product	*8
8	Information/ (REACH SVHC)	ヒ酸鉛	Lead hydrogen arsenate	0.1% by weight (1,000 ppm) of the product	*8
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
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
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
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
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 (ムスクキシレン)	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, distr. 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
23	Information/ (REACH SVHC)	クロム酸鉛	Lead chromate	0.1% by weight (1,000 ppm) of the product	*8
24	Information/ (REACH SVHC)	C.I ビグメントレッド104	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	0.1% by weight (1,000 ppm) of the product	*8
25	Information/ (REACH SVHC)	C.I ビグメントイエロー-34	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	0.1% by weight (1,000 ppm) of the product	*8
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
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
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
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
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
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
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
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
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
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 (織 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二亜鉛酸ニクロム酸カリウム	Potassium hydroxyoctaoxodizincatedichromate	0.1% by weight (1,000 ppm) of the product	*8
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
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-アニジジン	2-Methoxyaniline; o-Anisidine	0.1% by weight (1,000 ppm) of the product	*8
61	Information/ (REACH SVHC)	ヒ酸鉛 ( I I )	Trilead diarsenate	0.1% by weight (1,000 ppm) of the product	*8
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
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) =フタラート	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
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
70	Information/ (REACH SVHC)	鉛(II)2,4,6-トリニトロ-1,3-ベンゼンジオレート(スチフエン酸鉛)	Lead styphnate	0.1% by weight (1,000 ppm) of the product	*8
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
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) *ミラーズゲトン (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)-トリオン	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 *ミヒラーズケトン (EC No.:202-027-5)、ミヒラーズベース (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)	メタンスルホン酸鉛 (II)	Lead(II) bis(methanesulfonate)	0.1% by weight (1,000 ppm) of the product	*8
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) *ミヒラーズケトン (EC No.:202-027-5)、ミヒラーズベース (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 (ミヒラーケトン)	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 (ミヒラーケトンをベース)	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) *ミヒラーズケトン (EC No.:202-027-5)、ミヒラーズベース (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
85	Information/ (REACH SVHC)	C. I. ピグメントイエロー 4 1	Pyrochlore, antimony lead yellow	0.1% by weight (1,000 ppm) of the product	*8
86	Information/ (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
87	Information/ (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/ (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](こ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/ (REACH SVHC)	[1] 1, 2 - シクロヘキサンジカルボン酸無水物、[2]シス - 1, 2 - シクロヘキサンジカルボン酸無水物、[3]トランス - 1, 2 - シクロヘキサン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/ (REACH SVHC)	ジブチルスズジクロライド; DBTC	Dibutyltin dichloride (DBTC)	0.1% by weight (1,000 ppm) of the product	*8
91	Information/ (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

92	Information/ (REACH SVHC)	硝酸鉛 (II)	Lead dinitrate	0.1% by weight (1,000 ppm) of the product	*8
93	Information/ (REACH SVHC)	ケイ酸と鉛の塩	Silicic acid, lead salt	0.1% by weight (1,000 ppm) of the product	*8
94	Information/ (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/ (REACH SVHC)	ジルコニウム酸鉛	Lead titanium zirconium oxide	0.1% by weight (1,000 ppm) of the product	*8
96	Information/ (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
97	Information/ (REACH SVHC)	o - トルイジン	o-Toluidine	0.1% by weight (1,000 ppm) of the product	*8
98	Information/ (REACH SVHC)	3-エチル-2-イソペンチル-2-メチル-1, 3-オキサゾリジン	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	0.1% by weight (1,000 ppm) of the product	*8 *9
99	Information/ (REACH SVHC)	ケイ酸とバリウム塩 ( 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
100	Information/ (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
101	Information/ (REACH SVHC)	フラン	Furan	0.1% by weight (1,000 ppm) of the product	*8 *9
102	Information/ (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/ (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/ (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/ (REACH SVHC)	4, 4' - メチレンビス ( o - トルイジン )	4,4'-methylenedi-o-toluidine	0.1% by weight (1,000 ppm) of the product	*8
106	Information/ (REACH SVHC)	硫酸ジエチル	Diethyl sulphate	0.1% by weight (1,000 ppm) of the product	*8 *9
107	Information/ (REACH SVHC)	硫酸ジメチル	Dimethyl sulphate	0.1% by weight (1,000 ppm) of the product	*8 *9
108	Information/ (REACH SVHC)	塩基性硫酸鉛	Lead oxide sulfate	0.1% by weight (1,000 ppm) of the product	*8
109	Information/ (REACH SVHC)	チタン酸鉛	Lead titanium trioxide	0.1% by weight (1,000 ppm) of the product	*8
110	Information/ (REACH SVHC)	塩基性酢酸鉛	Acetic acid, lead salt, basic	0.1% by weight (1,000 ppm) of the product	*8
111	Information/ (REACH SVHC)	[ 1, 2 - ベンゼンジカルボキシラト ( 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
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
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
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
119	Information/ (REACH SVHC)	四エチル鉛	Tetraethyllead	0.1% by weight (1,000 ppm) of the product	*8

120	Information/ (REACH SVHC)	塩基性硫酸鉛	Pentalead tetraoxide sulphate	0.1% by weight (1,000 ppm) of the product	*8
121	Information/ (REACH SVHC)	ペルフルオロトリデカン酸	Pentacosfluorotridecanoic 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	Tricosfluorododecanoic 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	Heptacosfluorotetradecanoic 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
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
129	Information/ (REACH SVHC)	2-アミノ-5-アゾトルエン; o-アミノアゾトルエン	o-aminoazotoluene	0.1% by weight (1,000 ppm) of the product	*8
130	Information/ (REACH SVHC)	フタル酸n-ベンチル-イソベンチル; 1, 2-ベンゼンジカルボン酸、ジベンチルエステル、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'-オキシジアニリン及びその塩	4,4'-oxydianiline and its salts	0.1% by weight (1,000 ppm) of the product	*8
132	Information/ (REACH SVHC)	四三酸化鉛	Orange lead (lead tetroxide)	0.1% by weight (1,000 ppm) of the product	*8
133	Information/ (REACH SVHC)	ビスフェニル-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)	フタル酸ジイソベンチル; DIPP	Diisopentylphthalate	0.1% by weight (1,000 ppm) of the product	*8
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
136	Information/ (REACH SVHC)	アゾジカルボキサミド; 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
138	Information/ (REACH SVHC)	シアンアミド鉛	Lead cyanamidate	0.1% by weight (1,000 ppm) of the product	*8
139	Information/ (REACH SVHC)	カドミウム	Cadmium	0.1% by weight (1,000 ppm) of the product	*8
140	Information/ (REACH SVHC)	酸化カドミウム	Cadmium oxide	0.1% by weight (1,000 ppm) of the product	*8
141	Information/ (REACH SVHC)	フタル酸ジベンチル(DPP)	Dipentyl phthalate (DPP)	0.1% by weight (1,000 ppm) of the product	*8
142	Information/ (REACH SVHC)	4-ノニルフェノール、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
145	Information/ (REACH SVHC)	硫化カドミウム	Cadmium sulphide	0.1% by weight (1,000 ppm) of the product	*8
146	Information/ (REACH SVHC)	ダイレクトブラック 38	C.I. Direct black 38	0.1% by weight (1,000 ppm) of the product	*8
147	Information/ (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
148	Information/ (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/ (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/ (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
151	Information/ (REACH SVHC)	酢酸鉛 (II)	Lead di(acetate)	0.1% by weight (1,000 ppm) of the product	*8



152	Information/ (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
153	Information/ (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/ (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/ (REACH SVHC)	塩化カドミウム	Cadmium chloride	0.1% by weight (1,000 ppm) of the product	*8
156	Information/ (REACH SVHC)	2 - (2 H - ベンゾトリアゾール - 2 - イル) - 4 , 6 - ジ - t e r t - ベンチルフェノール	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	0.1% by weight (1,000 ppm) of the product	*8 *9
157	Information/ (REACH SVHC)	2 - (2 H - 1 , 2 , 3 - ベンゾトリアゾール - 2 - イル) - 4 , 6 - ジ - t e r t - ブチルフェノール	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/ (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-スタナテトラデカン酸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ルボニルメチルチオ)スタナンの反応生成物; 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-oxoethyl]thio]-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
159	Information/ (REACH SVHC)	フッ化カドミウム	Cadmium fluoride	0.1% by weight (1,000 ppm) of the product	*8
160	Information/ (REACH SVHC)	硫酸カドミウム	Cadmium sulphate	0.1% by weight (1,000 ppm) of the product	*8
161	Information/ (REACH SVHC)	ジオクチルズ 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/ (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/ (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/ (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/ (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/ (REACH SVHC)	2-(2Hベンゾトリアゾール-2-イル)-6-sec-ブチル-4-tert-ブチルフェノール (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/ (REACH SVHC)	ニトロベンゼン	Nitrobenzene	0.1% by weight (1,000 ppm) of the product	*8 *9
168	Information/ (REACH SVHC)	ペルフルオロノナン酸及びその塩類(PFNA)	Perfluorononan-1-oic-acid and its sodium and ammonium salts	0.1% by weight (1,000 ppm) of the product	*8 *9
169	Information/ (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
170	Information/ (REACH SVHC)	4, 4'-プロパン-2, 2-ジイルジフェノール (ビスフェール A)	4,4'-isopropylidenediphenol (bisphenol A; BPA)	0.1% by weight (1,000 ppm) of the product	*8 *9
171	Information/ (REACH SVHC)	ノ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/ (REACH SVHC)	4 - t e r t - ベンチルフェノール; p - t - 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/ (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/ (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
175	Information/ (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, 1 0, 10a, 11, 12, 12a-ドデ カヒドロ-1, 4; 7, 10-ジメタノジベ ンソ [a, e] シクロオクテン 1,6,7,8,9,14,15,16,17,17,18,18-ド デカクロロペンタンシクロ [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/ (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
177	Information/ (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/ (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/ (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/ (REACH SVHC)	クリセン	Chrysene	0.1% by weight (1,000 ppm) of the product	*8
181	Information/ (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/ (REACH SVHC)	水素化テルフェニル	Terphenyl hydrogenated	0.1% by weight (1,000 ppm) of the product	*8
183	Information/ (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
184	Information/ (REACH SVHC)	鉛(金属鉛)	Lead	0.1% by weight (1,000 ppm) of the product	*8 *9
185	Information/ (REACH SVHC)	エチレンジアミン	Ethylenediamine	0.1% by weight (1,000 ppm) of the product	*8
186	Information/ (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
187	Information/ (REACH SVHC)	八ホウ酸二ナトリウムアンヒドヒドロ酸	Disodium octaborate	0.1% by weight (1,000 ppm) of the product	*8
188	Information/ (REACH SVHC)	ジシクロヘキサ-1-イル=フタレート	Dicyclohexyl phthalate	0.1% by weight (1,000 ppm) of the product	*8
189	Information/ (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
190	Information/ (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
191	Information/ (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

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.

\*1 The European Community's ban applies to azo colorants and azo dyes 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 azo colorants and azo dyes.

\*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 µSv h<sup>-1</sup> 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 REACH SVHC that doesn't correspond to other Substance group in Specific Chemicals List.

## 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 hydroxyoctaoxidizincatedichromate	11103-86-9
Pentazinc chromate octahydroxide	49663-84-5
Dichromium tris(chromate)	24613-89-6
Other chromium VI compounds	-

Lead/lead Compounds	CAS No.
Lead	7439-92-1
Lead (II) sulfate	7446-14-2
Lead (II) carbonate	598-63-0
Lead (II) chromate	7758-97-6
Lead chromate molybdate sulphate red	12656-85-8
Lead hydrocarbonate	1319-46-6
Lead di(acetate)	301-04-2
Lead (II) acetate, trihydrate	6080-56-4
Lead phosphate	7446-27-7
Lead selenide	12069-00-0
Lead (IV) oxide	1309-60-0
Lead (II,IV) oxide	1314-41-6
Lead (II) sulfide	1314-87-0
Lead (II) oxide	1317-36-8
Lead (II) carbonate basic	1319-46-6
Lead hydroxidcarbonate	1344-36-1
Lead (II) phosphate	7446-27-7
Lead sulfochromate yellow	1344-37-2
Lead (II) titanate	12060-00-3
Lead sulfate, sulphuric acid, lead salt	15739-80-7
Lead sulphate, tribasic	12202-17-4
Lead stearate	1072-35-1
Lead dipicrate	6477-64-1
Trilead diarsenate	3687-31-8
Lead diazide, Lead azide	13424-46-9
Lead styphnate	15245-44-0
Lead(II) bis(methanesulfonate)	17570-76-2
Pyrochlore, antimony lead yellow	8012-00-8
Lead bis(tetrafluoroborate)	13814-96-5
Lead dinitrate	10099-74-8
Silicic acid, lead salt	11120-22-2
Lead titanium zirconium oxide	12626-81-2
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [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) and others

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-2,2,2-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 (Note1)	1163-19-5
Note1 : ANNEX XVII of REACH Regulation (EC) No 1907/2006 '67	
Dibutyltin Compounds (DBT)	
Dibutyltin oxide	818-08-6
Dibutyltin diacetate	1067-33-0
Dibutyltin dilaurate	77-58-7
Dibutyltin maleate	78-04-6
Dibutyltin dichloride (DBTC)	683-18-1
Other dibutyltin compounds	-
Diocetyl Tin Compounds (DOT)	
Diocetyl Tin Oxide	870-08-6
Diocetyl tin dilaurate	3648-18-8
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
Other Diocetyl tin compounds	-
Selected Phthalates	
Butylbenzyl phthalate (BBP) (Note3)	85-68-7
Dibutyl phthalate (DBP) (Note3)	84-74-2
Di(2-ethylhexyl) phthalate (DEHP) (Note3)	117-81-7
Diisobutyl Phthalate (DEBP) (Note3)	84-69-5
Diisodecyl phthalate (DIDP) (Note2)	26761-40-0 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 antimony compounds]	-
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(22) [Aliphatic/alicyclic chlorinated and brominated compounds]	-
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(42) [Brominated organic phosphorus compounds]	-
Poly(2,6-dibromo-phenylene oxide)	69882-11-7
Tetra-decabromo-diphenoxy-benzene	58965-66-5
1,2-Bis(2,4,6-tribromo-phenoxy) ethane	37853-59-1
3,5,3',5'-Tetrabromo-bisphenol A (TBBA)	79-94-7
TBBA, unspecified	30496-13-0
TBBA-epichlorhydrin oligomer	40039-93-8
TBBA-TBBA-di glycidyl-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-dio	3234-02-4
Dibromo-neopentyl-glycol	3296-90-0
Dibromo-propanol	96-13-9
Tribromo-neopentyl-alcohol	36483-57-5
Poly tribromo-styrene	57137-10-7
Tribromo-styrene	61368-34-1
Dibromo-styrene grafted PP	171091-06-8
Poly-dibromo-styrene	31780-26-4
Bromo-/Chloro-paraffins	68955-41-9
Bromo-/Chloro-alpha-olefin	82600-56-4
Vinylbromide	593-60-2
Tris-(2,3-dibromo-propyl)-isocyanurate	52434-90-9

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

Diethyl Fumarate(Fumaric Acid Dimethyl Ester)	CAS No.
Diethyl Fumarate	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

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

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

REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)	CAS No.
Sodium dichromate, dihydrate	7789-12-0
Sodium dichromate anhydrate	10588-01-9
Bis(tributyltin)oxide (TBTO)	56-35-9
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
4,4'- Diaminodiphenylmethane (MDA)	101-77-9
Diarsenic pentaoxide	1303-28-2
Diarsenic trioxide	1327-53-3
Triethyl arsenate	15606-95-8
Lead hydrogen arsenate	7784-40-9
Benzyl butyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Bis (2-ethylhexyl)phthalate(DEHP)	117-81-7
Anthracene	120-12-7
Cobalt dichloride	7646-79-9
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	3194-55-6
Hexabromocyclododecane (HBCDD)	25637-99-4
alpha-hexabromocyclododecane	134237-50-6
beta-hexabromocyclododecane	134237-51-7
gamma-hexabromocyclododecane	134237-52-8
2,4-Dinitrotoluene	121-14-2
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste, 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	-

REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)	CAS No.
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
Lead dipicrate	6477-64-1
N,N-dimethylacetamide	127-19-5
Arsenic acid	7778-39-4
2-Methoxyaniline; o-Anisidine	90-04-0
Trilead diarsenate	3687-31-8
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-triazinane-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
Henicosafluoroundecanoic 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 <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 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

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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
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
Sulfurous acid, lead salt, dibasic	62229-08-7
Lead cyanamidate	20837-86-9
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
Trixylyl 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-ditertpentylphenol (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-oic-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	-
Benz[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