

## 关联资料1 JVCKENWOOD特定化学物质表(物质群 / 物质)

(此表适用于市场销售·民生·业务之用途的产品/零部件)

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

Ver.3.4

NO	分类	物质名	物质名(英语)	阈值标准(报告标准)	注解NO
1	规定/R	镉/镉化合物	Cadmium/cadmium compounds	对均质材料的含有率为 0.01wt%(100ppm) 电池的情况为电池的 0.001wt%(10 ppm) 包装材料为4种物质总含量的 0.01wt%(100ppm) 对塑料产品禁止有意添加	※2※6
2	规定/R	六价铬化合物	Chromium VI compounds	对均质材料的含有率为 0.1wt%(1000ppm) 包装材料为4种物质总含量的 0.01wt%(100ppm) 皮革产品的含有率为 0.0003wt%(3ppm)	※6
3	规定/R	铅/铅化合物	Lead/lead compounds	对均质材料的含有率为 0.1wt%(1000ppm) 对电线和电缆(覆盖热硬化性/热可塑性材料)的表层可接触面之含有率为 0.03wt%(300ppm) 电池的情况为电池的 0.004wt%(40ppm) 儿童用产品为 0.01wt%(100 ppm) 儿童用产品及玩具用途的情况为, 对表面涂层层含量的 0.009wt%(90ppm) 包装材料为4种物质总含量的 0.01wt%(100ppm) 没有电器产品500ppm 例如, 案例和宣传品	※2※6
4	规定/R	水银/水银化合物	Mercury/mercury compounds	有意添加 对均质材料的含有率为 0.1wt%(1000ppm) 电池的情况为电池的 0.0001wt%(1 ppm) 包装材料为4种物质总含量的 0.01wt%(100ppm)	※2※6
5	规定/R	石棉类	Asbestos	有意添加	
6	规定/R	生成一部分芳香族胺的偶氮染料·颜料	Azocolourants and azodyes which form certain aromatic amines	对纺织品/皮革产品的含有率为 0.003wt%(30ppm)	※1
7	规定/R	臭氧层破坏物质	Ozone depleting substances	有意添加	
8	规定/R	氟族温室效应气体 (HFC、PFC、SF6)	Fluorinated greenhouse gases (PFC, SF6, HFC)	有意添加	
9	规定/R	全氟辛烷磺酸盐 (PFOS)	Perfluorooctane sulfonate (PFOS)	有意添加	
10	规定/R	高氯酸盐	Perchlorates	为产品的 0.000006wt%(0.006ppm)	
11	规定/R	多溴联苯类 (PBB类)	Polybrominated biphenyls (PBBs)	对均质材料的含有率为 0.1wt%(1000ppm)	
12	规定/R	多溴二苯醚 (PBDE类)	Polybrominated diphenyl ethers (PBDEs)	对均质材料的含有率为 0.1wt%(1000ppm) 模塑产品的总含量(不受RoHS指令)0.05wt%(500ppm) 有意添加 (decaBDE)	
13	规定/R	二丁基锡化合物 (DBT)	Dibutyltin (DBT) compounds	部件中锡的 0.1wt%(1000ppm)	
14	规定/R	二辛基锡化合物 (DOT)	Diocetyl tin (DOT) compounds	部件中锡的 0.1wt%(1000ppm)	
15	规定/R	部分邻苯二甲酸酯类	Selected Phthalates	有意添加 对均质材料的含有率为 0.1wt%(1000ppm) 可塑化材料的 0.1wt%(1000ppm)	
16	规定/R	多氯联苯类 (PCB类) 和特定替代物质	Polychlorinated biphenyls (PCBs) and specific substitutes	有意添加 颜料含量超过50ppm的副生PCB	
17	规定/R	多氯三联苯类 (PCT类) 和特定替代物质	Polychlorinated terphenyls (PCTs)	对均质材料的含有率为 0.005wt%(50ppm)	
18	规定/R	多氯化苯 (氯原子数为2以上)	Polychlorinated naphthalenes (more than 2 chlorine atoms)	有意添加	
19	规定/R	放射性物质	Radioactive substances	有意添加	
20	规定/R	三取代有机锡化合物	Tri-substituted organostannic compounds	有意添加 材料中锡的 0.1wt%(1000ppm)	※3

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JVCKENWOOD特定化学物质表 续

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

REACH 认可对象候选物质清单(SVHC)

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

29	信息/ REACH SVHC	三氯乙烯	Trichloroethylene	产品的 0.1wt%(1000ppm)	※8※9
30	信息/ REACH SVHC	硼酸	Boric acid	产品的 0.1wt%(1000ppm)	※8※9
31	信息/ REACH SVHC	硼砂	Disodium tetraborate, anhydrous	产品的 0.1wt%(1000ppm)	※8※9
32	信息/ REACH SVHC	水合硼酸钠	Tetraboron disodium heptaoxide, hydrate	产品的 0.1wt%(1000ppm)	※8※9
33	信息/ REACH SVHC	铬酸钠	Sodium chromate	产品的 0.1wt%(1000ppm)	※8※9
34	信息/ REACH SVHC	铬酸钾	Potassium chromate	产品的 0.1wt%(1000ppm)	※8※9
35	信息/ REACH SVHC	重铬酸铵	Ammonium dichromate	产品的 0.1wt%(1000ppm)	※8※9
36	信息/ REACH SVHC	重铬酸钾	Potassium dichromate	产品的 0.1wt%(1000ppm)	※8※9
37	信息/ REACH SVHC	硫酸钴	Cobalt(II) sulphate	产品的 0.1wt%(1000ppm)	※8※9
38	信息/ REACH SVHC	硝酸钴(2+)	Cobalt(II) dinitrate	产品的 0.1wt%(1000ppm)	※8※9
39	信息/ REACH SVHC	碳酸钴(II)	Cobalt(II) carbonate	产品的 0.1wt%(1000ppm)	※8※9
40	信息/ REACH SVHC	乙酸钴	Cobalt(II) diacetate	产品的 0.1wt%(1000ppm)	※8※9
41	信息/ REACH SVHC	2-甲氧基乙醇	2-Methoxyethanol	产品的 0.1wt%(1000ppm)	※8※9
42	信息/ REACH SVHC	2-乙氧基乙醇	2-Ethoxyethanol	产品的 0.1wt%(1000ppm)	※8※9
43	信息/ REACH SVHC	三氧化铬	Chromium trioxide	产品的 0.1wt%(1000ppm)	※8※9
44	信息/ REACH SVHC	三氧化铬及其低聚物产生的酸 铬酸 重铬酸 铬酸及重铬酸的低聚物	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	产品的 0.1wt%(1000ppm)	※8※9
45	信息/ REACH SVHC	1,2,3-三氯丙烷	1,2,3-Trichloropropane	产品的 0.1wt%(1000ppm)	※8※9
46	信息/ REACH SVHC	邻苯二甲酸二C6-8支链烷基酯(富C7)	1,2-Benzenedicarboxylic acid, di- C6-8-branched alkyl esters, C7-rich	产品的 0.1wt%(1000ppm)	※8※9
47	信息/ REACH SVHC	1,2-苯二酸-二(C7-11支链与直链)烷基(醇)酯	1,2-Benzenedicarboxylic acid, di- C7-11-branched and linear alkyl esters	产品的 0.1wt%(1000ppm)	※8※9
48	信息/ REACH SVHC	1-甲基-2-吡咯烷酮	1-Methyl-2-pyrrolidone	产品的 0.1wt%(1000ppm)	※8※9
49	信息/ REACH SVHC	乙酸-2-乙氧基乙酯	2-Ethoxyethyl acetate	产品的 0.1wt%(1000ppm)	※8※9
50	信息/ REACH SVHC	胼; 无水联胺	Hydrazine	产品的 0.1wt%(1000ppm)	※8※9
51	信息/ REACH SVHC	铬酸锶	Strontium chromate	产品的 0.1wt%(1000ppm)	※8※9

52	信息/ REACH SVHC	氧化锆硅铝耐火陶瓷纤维	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	产品的 0.1wt%(1000ppm)	※8※9
53	信息/ REACH SVHC	砷酸钙	Calcium arsenate	产品的 0.1wt%(1000ppm)	※8※9
54	信息/ REACH SVHC	二甘醇双甲醚	Bis(2-methoxyethyl) ether	产品的 0.1wt%(1000ppm)	※8※9
55	信息/ REACH SVHC	硅酸铝耐火陶瓷纤维	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	产品的 0.1wt%(1000ppm)	※8※9
56	信息/ REACH SVHC	氢氧化铬酸锌钾	Potassium hydroxyoctaoxodizincatedichromate	产品的 0.1wt%(1000ppm)	※8※9
57	信息/ REACH SVHC	苦味酸铅	Lead dipicrate	产品的 0.1wt%(1000ppm)	※8※9
58	信息/ REACH SVHC	N,N-二甲基乙酰胺	N,N-dimethylacetamide	产品的 0.1wt%(1000ppm)	※8※9
59	信息/ REACH SVHC	砷酸	Arsenic acid	产品的 0.1wt%(1000ppm)	※8※9
60	信息/ REACH SVHC	邻氨基苯甲醚	2-Methoxyaniline; o-Anisidine	产品的 0.1wt%(1000ppm)	※8※9
61	信息/ REACH SVHC	砷酸铅	Trilead diarsenate	产品的 0.1wt%(1000ppm)	※8※9
62	信息/ REACH SVHC	1,2-二氯乙烷	1,2-dichloroethane	产品的 0.1wt%(1000ppm)	※8※9
63	信息/ REACH SVHC	氢氧化铬酸锌	Pentazinc chromate octahydroxide	产品的 0.1wt%(1000ppm)	※8※9
64	信息/ REACH SVHC	甲醛与苯胺的聚合物	Formaldehyde, oligomeric reaction products with aniline	产品的 0.1wt%(1000ppm)	※8※9
65	信息/ REACH SVHC	1,2-苯二甲酸二(2-甲氧乙基)酯	Bis(2-methoxyethyl) phthalate	产品的 0.1wt%(1000ppm)	※8※9
66	信息/ REACH SVHC	4-(1,1,3,3-四甲基丁基)苯酚	4-(1,1,3,3-tetramethylbutyl)phenol	产品的 0.1wt%(1000ppm)	※8※9
67	信息/ REACH SVHC	叠氮化铅(II); 迭氮铅	Lead diazide, Lead azide	产品的 0.1wt%(1000ppm)	※8※9
68	信息/ REACH SVHC	酚酞	Phenolphthalein	产品的 0.1wt%(1000ppm)	※8※9
69	信息/ REACH SVHC	铬酸铬	Dichromium tris(chromate)	产品的 0.1wt%(1000ppm)	※8※9
70	信息/ REACH SVHC	三硝基间苯二酚铅; 收敛酸铅	Lead styphnate	产品的 0.1wt%(1000ppm)	※8※9
71	信息/ REACH SVHC	4,4'-二氨基-3,3'-二氯二苯基甲烷	2,2'-dichloro-4,4'-methylenedianiline	产品的 0.1wt%(1000ppm)	※8※9

72	信息/ REACH SVHC	C. I. 碱性紫3; (4-(双(P-(二甲氨基)苯基)亚甲基)-2,5-环己二烯-1-基)铵	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	产品的 0.1wt%(1000ppm)	※8※9
73	信息/ REACH SVHC	1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	产品的 0.1wt%(1000ppm)	※8※9
74	信息/ REACH SVHC	三甘醇二甲醚	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	产品的 0.1wt%(1000ppm)	※8※9
75	信息/ REACH SVHC	α, α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇 (SVHC的条件)	4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	产品的 0.1wt%(1000ppm)	※8※9
76	信息/ REACH SVHC	甲磺酸铅(2+)盐	Lead(II) bis(methanesulfonate)	产品的 0.1wt%(1000ppm)	※8※9
77	信息/ REACH SVHC	乙二醇二甲醚	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	产品的 0.1wt%(1000ppm)	※8※9
78	信息/ REACH SVHC	三氧化二硼	Diboron trioxide	产品的 0.1wt%(1000ppm)	※8※9
79	信息/ REACH SVHC	溶剂蓝4; A, A-二[4-(二甲氨基)苯基]-4-苯基氨基-1-萘甲醇 (SVHC的条件)	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	产品的 0.1wt%(1000ppm)	※8※9
80	信息/ REACH SVHC	1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	产品的 0.1wt%(1000ppm)	※8※9
81	信息/ REACH SVHC	米蚩酮	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	产品的 0.1wt%(1000ppm)	※8※9
82	信息/ REACH SVHC	N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	产品的 0.1wt%(1000ppm)	※8※9
83	信息/ REACH SVHC	碱性蓝 26 ([4-[[4-苯胺基-1-萘基][4-(二甲氨基)苯基]亚甲基]环己-2,5-二烯-1-亚基]二甲基氯化铵)	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	产品的 0.1wt%(1000ppm)	※8※9
84	信息/ REACH SVHC	甲酰胺	Formamide	产品的 0.1wt%(1000ppm)	※8※9
85	信息/ REACH SVHC	C. I. 颜料黄41	Pyrochlore, antimony lead yellow	产品的 0.1wt%(1000ppm)	※8※9
86	信息/ REACH SVHC	2-甲氧基-5-甲基苯胺	6-methoxy-m-toluidine (p-cresidine)	产品的 0.1wt%(1000ppm)	※8※9
87	信息/ REACH SVHC	全氟十一烷酸	Henicosfluoroundecanoic acid	产品的 0.1wt%(1000ppm)	※8※9
88	信息/ REACH SVHC	甲基六氟苯酞、4-甲基六氟苯酞、甲基六氟化邻苯二甲酸酞、3-甲基六氟苯二甲酞酞	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	产品的 0.1wt%(1000ppm)	※8※9
89	信息/ REACH SVHC	环己烷-1,2-二羧酸酞 顺式-环己烷-1,2-二羧酸酞 反式-环己烷-1,2-二羧酸酞	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	产品的 0.1wt%(1000ppm)	※8※9
90	信息/ REACH SVHC	二丁基二氯化锡	Dibutyltin dichloride (DBTC)	产品的 0.1wt%(1000ppm)	※8※9
91	信息/ REACH SVHC	氟硼酸铅	Lead bis(tetrafluoroborate)	产品的 0.1wt%(1000ppm)	※8※9

92	信息/ REACH SVHC	硝酸铅(II)	Lead dinitrate	产品的 0.1wt%(1000ppm)	※8※9
93	信息/ REACH SVHC	磷酸铅	Silicic acid, lead salt	产品的 0.1wt%(1000ppm)	※8※9
94	信息/ REACH SVHC	4-氨基偶氮苯	4-Aminoazobenzene	产品的 0.1wt%(1000ppm)	※8※9
95	信息/ REACH SVHC	锆酸钛酸铅	Lead titanium zirconium oxide	产品的 0.1wt%(1000ppm)	※8※9
96	信息/ REACH SVHC	氧化铅	Lead monoxide (lead oxide)	产品的 0.1wt%(1000ppm)	※8※9
97	信息/ REACH SVHC	邻甲苯胺	o-Toluidine	产品的 0.1wt%(1000ppm)	※8※9
98	信息/ REACH SVHC	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	产品的 0.1wt%(1000ppm)	※8※9
99	信息/ REACH SVHC	硅酸(H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 钡盐(1:1), 掺杂铅 該物質在Regulation (EC) No 1272/2008附件VI中的索引號為082-001-00-6	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	产品的 0.1wt%(1000ppm)	※8※9
100	信息/ REACH SVHC	碱式碳酸铅	Trilead bis(carbonate)dihydroxide	产品的 0.1wt%(1000ppm)	※8※9
101	信息/ REACH SVHC	呋喃	Furan	产品的 0.1wt%(1000ppm)	※8※9
102	信息/ REACH SVHC	N,N-二甲基甲酰胺	N,N-dimethylformamide	产品的 0.1wt%(1000ppm)	※8※9
103	信息/ REACH SVHC	辛基酚聚醚-9, 包括界定明確的物質以及UVCB物質、聚合物和同系物	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	产品的 0.1wt%(1000ppm)	※8※9
104	信息/ REACH SVHC	分支或線性的壬基酚, 含有線性或分支、共價綁定苯酚的9個碳烷基鏈的物質, 包括UVCB物質以及任何含有獨立或組合的界定明確的同分異構體的物質	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	产品的 0.1wt%(1000ppm)	※8※9
105	信息/ REACH SVHC	4,4'-甲撑二(2-甲基苯胺)	4,4'-methylenedi-o-toluidine	产品的 0.1wt%(1000ppm)	※8※9
106	信息/ REACH SVHC	硫酸二乙酯	Diethyl sulphate	产品的 0.1wt%(1000ppm)	※8※9
107	信息/ REACH SVHC	硫酸二甲酯	Dimethyl sulphate	产品的 0.1wt%(1000ppm)	※8※9
108	信息/ REACH SVHC	碱式硫酸铅	Lead oxide sulfate	产品的 0.1wt%(1000ppm)	※8※9
109	信息/ REACH SVHC	钛酸铅	Lead titanium trioxide	产品的 0.1wt%(1000ppm)	※8※9
110	信息/ REACH SVHC	碱式乙酸铅	Acetic acid, lead salt, basic	产品的 0.1wt%(1000ppm)	※8※9
111	信息/ REACH SVHC	二盐基邻苯二甲酸铅	[Phthalato(2-)]dioxotrilead	产品的 0.1wt%(1000ppm)	※8※9
112	信息/ REACH SVHC	十溴联苯醚	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	产品的 0.1wt%(1000ppm)	※8※9
113	信息/ REACH SVHC	N-甲基乙酰胺	N-methylacetamide	产品的 0.1wt%(1000ppm)	※8※9
114	信息/ REACH SVHC	2-(1-甲基丙基)-4,6-二硝基苯酚	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	产品的 0.1wt%(1000ppm)	※8※9
115	信息/ REACH SVHC	1,2-二乙氧基乙烷	1,2-Diethoxyethane	产品的 0.1wt%(1000ppm)	※8※9
116	信息/ REACH SVHC	硫酸三氧化四铅	Tetralead trioxide sulphate	产品的 0.1wt%(1000ppm)	※8※9
117	信息/ REACH SVHC	邻苯二甲酸正戊基异戊基酯	N-pentyl-isopentylphthalate	产品的 0.1wt%(1000ppm)	※8※9
118	信息/ REACH SVHC	双(十八烷基)二氧代三铅	Dioxobis(stearato)trilead	产品的 0.1wt%(1000ppm)	※8※9
119	信息/ REACH SVHC	四乙基铅	Tetraethyllead	产品的 0.1wt%(1000ppm)	※8※9
120	信息/ REACH SVHC	氧化铅与硫酸铅的复合物	Pentalead tetraoxide sulphate	产品的 0.1wt%(1000ppm)	※8※9

121	信息/ REACH SVHC	全氟十三酸	Pentacosfluorotridecanoic acid	产品的 0.1wt%(1000ppm)	※8※9
122	信息/ REACH SVHC	全氟十二烷酸	Tricosfluorododecanoic acid	产品的 0.1wt%(1000ppm)	※8※9
123	信息/ REACH SVHC	全氟十四酸	Heptacosfluorotetradecanoic acid	产品的 0.1wt%(1000ppm)	※8※9
124	信息/ REACH SVHC	溴代正丙烷	1-bromopropane (n-propyl bromide)	产品的 0.1wt%(1000ppm)	※8※9
125	信息/ REACH SVHC	甲氧基乙酸	Methoxyacetic acid	产品的 0.1wt%(1000ppm)	※8※9
126	信息/ REACH SVHC	2,4-二氨基甲苯	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	产品的 0.1wt%(1000ppm)	※8※9
127	信息/ REACH SVHC	1,2-环氧丙烷	Methyloxirane (Propylene oxide)	产品的 0.1wt%(1000ppm)	※8※9
128	信息/ REACH SVHC	磷酸氧化铅	Trilead dioxide phosphonate	产品的 0.1wt%(1000ppm)	※8※9
129	信息/ REACH SVHC	2-甲基-4-[(2-甲基)偶氮]苯胺	o-aminoazotoluene	产品的 0.1wt%(1000ppm)	※8※9
130	信息/ REACH SVHC	1,2-苯二甲酸二戊酯, 支链和直链的	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	产品的 0.1wt%(1000ppm)	※8※9
131	信息/ REACH SVHC	4,4'-二氨基二苯醚	4,4'-oxydianiline and its salts	产品的 0.1wt%(1000ppm)	※8※9
132	信息/ REACH SVHC	四氧化三铅	Orange lead (lead tetroxide)	产品的 0.1wt%(1000ppm)	※8※9
133	信息/ REACH SVHC	联苯-4-胺	Biphenyl-4-ylamine	产品的 0.1wt%(1000ppm)	※8※9
134	信息/ REACH SVHC	邻苯二甲酸二异戊酯	Diisopentylphthalate	产品的 0.1wt%(1000ppm)	※8※9
135	信息/ REACH SVHC	C16-18-脂肪酸铅盐	Fatty acids, C16-18, lead salts	产品的 0.1wt%(1000ppm)	※8※9
136	信息/ REACH SVHC	二氮烯二甲酰胺	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	产品的 0.1wt%(1000ppm)	※8※9
137	信息/ REACH SVHC	碱式亚硫酸铅	Sulfurous acid, lead salt, dibasic	产品的 0.1wt%(1000ppm)	※8※9
138	信息/ REACH SVHC	氰化铅	Lead cyanamidate	产品的 0.1wt%(1000ppm)	※8※9
139	信息/ REACH SVHC	镉	Cadmium	产品的 0.1wt%(1000ppm)	※8※9
140	信息/ REACH SVHC	氧化镉	Cadmium oxide	产品的 0.1wt%(1000ppm)	※8※9
141	信息/ REACH SVHC	邻苯二甲酸二戊酯	Dipentyl phthalate (DPP)	产品的 0.1wt%(1000ppm)	※8※9
142	信息/ REACH SVHC	分支或线性的乙氧化壬基酚, 包括含有9个碳烷基链的所有独立的同分异构体和所有含有线性或分支9个碳烷基链的UVCB物质	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	产品的 0.1wt%(1000ppm)	※8※9
143	信息/ REACH SVHC	十五氟代辛酸铵盐	Ammonium pentadecafluorooctanoate (APFO)	产品的 0.1wt%(1000ppm)	※8※9
144	信息/ REACH SVHC	PFOA-全氟辛酸	Pentadecafluorooctanoic acid (PFOA)	产品的 0.1wt%(1000ppm)	※8※9
145	信息/ REACH SVHC	硫化镉	Cadmium sulphide	产品的 0.1wt%(1000ppm)	※8※9
146	信息/ REACH SVHC	直接黑38; 二钠-4-氨基-3-[[4'-[(2,4-二氨基苯基)偶氮][1,1'-二苯基]-4-基]偶氮]-5-羟基-6-(苯基偶氮)萘-2,7-二硫酸盐	C.I. Direct black 38	产品的 0.1wt%(1000ppm)	※8※9
147	信息/ REACH SVHC	邻苯二甲酸二己酯	Dihexyl phthalate(DnHP)	产品的 0.1wt%(1000ppm)	※8※9
148	信息/ REACH SVHC	2-咪唑烷硫酮	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	产品的 0.1wt%(1000ppm)	※8※9
149	信息/ REACH SVHC	磷酸二甲酚(1:3)酯	Trixylyl phosphat	产品的 0.1wt%(1000ppm)	※8※9
150	信息/ REACH SVHC	刚果红; 联苯偶氮萘磺; 直接红28; 二钠3,3'-[[[1,1'-二苯基]-4,4'-二(偶氮)二[4-氨基萘-1-磺酸盐]]	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	产品的 0.1wt%(1000ppm)	※8※9
151	信息/ REACH SVHC	乙酸铅	Lead di(acetate)	产品的 0.1wt%(1000ppm)	※8※9



152	信息/1 REACH SVHC	邻苯二甲酸二己酯，支链和直链	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	产品的 0.1wt%(1000ppm)	※8※9
153	信息/1 REACH SVHC	高硼酸，钠盐	Sodium perborate; perboric acid, sodium salt	产品的 0.1wt%(1000ppm)	※8※9
154	信息/1 REACH SVHC	过硼酸钠	Sodium peroxometaborate	产品的 0.1wt%(1000ppm)	※8※9
155	信息/1 REACH SVHC	氯化镉	Cadmium chloride	产品的 0.1wt%(1000ppm)	※8※9
156	信息/1 REACH SVHC	2-[2-羟基-3,5-二(1,1-二甲基丙基苯基)]-2H-苯并三唑	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	产品的 0.1wt%(1000ppm)	※8※9
157	信息/1 REACH SVHC	2-(2H)-苯并三氮唑-2-基)-4,6-双(1,1-二甲基乙基)苯酚	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	产品的 0.1wt%(1000ppm)	※8※9
158	信息/1 REACH SVHC	二正辛基-双(2-乙基己基羧基乙酸酯)锡和单辛基-三(2-乙基己基羧基乙酸酯)锡的反应物 (DOTE和MOTE反应产物)	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-((2-ethylhexyl)oxy)-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	产品的 0.1wt%(1000ppm)	※8※9
159	信息/1 REACH SVHC	氟化镉	Cadmium fluoride	产品的 0.1wt%(1000ppm)	※8※9
160	信息/1 REACH SVHC	硫酸镉	Cadmium sulphate	产品的 0.1wt%(1000ppm)	※8※9
161	信息/1 REACH SVHC	10-乙基-4,4-二辛基-7-氧代-8-氧杂-3,5-二硫杂-4-锡杂十四烷酸2-乙基己基酯	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	产品的 0.1wt%(1000ppm)	※8※9
162	信息/1 REACH SVHC	邻苯二甲酸二(C6-C10)烷基酯；(癸基，己基，辛基)酯与1,2-邻苯二甲酸的复合物且邻苯二甲酸二己酯(EC No. 201-559-5)含量≥0.3%	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 0.3% or above of dihexyl phthalate (EC No. 201-559-5)	产品的 0.1wt%(1000ppm)	※8※9
163	信息/1 REACH SVHC	5-仲丁基-2-(2,4-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷[1], 5-仲丁基-2-(4,6-二甲基-3-环己烯-1-基)-5-甲基-1,3-二恶烷[2], 覆盖任何[1]和[2]或者其任意组合的单独的立体异构体	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	产品的 0.1wt%(1000ppm)	※8※9
164	信息/1 REACH SVHC	1,2-氧杂硫代羟烷-2,2-二氧化物	1,3-propanesultone	产品的 0.1wt%(1000ppm)	※8※9
165	信息/1 REACH SVHC	2-(5-氯-2H-苯并三唑-2-基)-4,6-二(1,1-二甲基乙基)苯酚	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	产品的 0.1wt%(1000ppm)	※8※9
166	信息/1 REACH SVHC	2-(2'-羟基-3'-仲丁基-5'-叔丁基苯基)苯并三唑	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	产品的 0.1wt%(1000ppm)	※8※9
167	信息/1 REACH SVHC	硝基苯	Nitrobenzene	产品的 0.1wt%(1000ppm)	※8※9
168	信息/1 REACH SVHC	全氟壬酸及其钠盐和铵盐	Perfluorononan-1-ic-acid and its sodium and ammonium salts	产品的 0.1wt%(1000ppm)	※8※9
169	信息/1 REACH SVHC	苯并[a]芘	Benzo[def]chrysene (benzo[a]pyrene)	产品的 0.1wt%(1000ppm)	※8※9
170	信息/1 REACH SVHC	双酚A	4,4'-isopropylidenediphenol (bisphenol A; BPA)	产品的 0.1wt%(1000ppm)	※8※9
171	信息/1 REACH SVHC	十九氟癸酸及其钠盐与铵盐	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	产品的 0.1wt%(1000ppm)	※8※9
172	信息/1 REACH SVHC	4-(1,1-二甲基丙基)苯酚	p-(1,1-dimethylpropyl)phenol	产品的 0.1wt%(1000ppm)	※8※9
173	信息/1 REACH SVHC	4-庚基苯酚，支链及直链包括含有7个碳烷基链的所有独立的同分异构体和所有含有线性或分支7个碳烷基链的UVCB物质	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	产品的 0.1wt%(1000ppm)	※8※9
174	信息/1 REACH SVHC	全氟己基磺酸及其盐类	Perfluorohexane-1-sulphonic acid and its salts	产品的 0.1wt%(1000ppm)	※8※9

175	信息/1 REACH SVHC	1, 2, 3, 4, 7, 8, 9, 10, 13, 13, 14, 14-十二氯代-1, 4, 4a, 5, 6, 6a, 7, 10, 10a, 11, 12, 12a-十二氢化-1, 4:7, 10-二亚甲基二苯并[a, e]环辛烯	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof	产品的 0.1wt%(1000ppm)	※8※9
176	信息/1 REACH SVHC	苯并[a]蒽	Benz[a]anthracene	产品的 0.1wt%(1000ppm)	※8※9
177	信息/1 REACH SVHC	碳酸镉盐	Cadmium carbonate	产品的 0.1wt%(1000ppm)	※8※9
178	信息/1 REACH SVHC	氢氧化镉	Cadmium hydroxide	产品的 0.1wt%(1000ppm)	※8※9
179	信息/1 REACH SVHC	硝酸镉四水合物	Cadmium nitrate	产品的 0.1wt%(1000ppm)	※8※9
180	信息/1 REACH SVHC	屈; 苯并[c]菲	Chrysene	产品的 0.1wt%(1000ppm)	※8※9
181	信息/1 REACH SVHC	1, 3, 4-噻二唑烷-2, 5-二硫酮, 甲醛和4-庚基苯酚的支链和直链 (RP-HP) 的反应产物[4-庚基苯酚, 支链和支链含量≥0.1%w/w]	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥ 0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	产品的 0.1wt%(1000ppm)	※8※9
182	信息/1 REACH SVHC	氢化三联苯	Terphenyl hydrogenated	产品的 0.1wt%(1000ppm)	※8※9
183	信息/1 REACH SVHC	八甲基环四硅氧烷 (D4)	Octamethylcyclotetrasiloxane (D4)	产品的 0.1wt%(1000ppm)	※8※9
184	信息/1 REACH SVHC	铅	Lead	产品的 0.1wt%(1000ppm)	※8※9
185	信息/1 REACH SVHC	1, 2-二氨基乙烷	Ethylenediamine	产品的 0.1wt%(1000ppm)	※8※9
186	信息/1 REACH SVHC	十二甲基环六硅氧烷 (D6)	Dodecamethylcyclohexasiloxane (D6)	产品的 0.1wt%(1000ppm)	※8※9
187	信息/1 REACH SVHC	氧化硼钠	Disodium octaborate	产品的 0.1wt%(1000ppm)	※8※9
188	信息/1 REACH SVHC	邻苯二甲酸二环己酯 (DCHP)	Dicyclohexyl phthalate	产品的 0.1wt%(1000ppm)	※8※9
189	信息/1 REACH SVHC	十甲基环五硅氧烷 (D5)	Decamethylcyclopentasiloxane (D5)	产品的 0.1wt%(1000ppm)	※8※9
190	信息/1 REACH SVHC	苯并(g, h, i)芘	Benzo[ghi]perylene	产品的 0.1wt%(1000ppm)	※8※9
191	信息/1 REACH SVHC	1, 3-二氢-1, 3-二氧化-5-异苯并呋喃羧酸	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)	产品的 0.1wt%(1000ppm)	※8※9
192	信息/1 REACH SVHC	芘	Pyrene	产品的 0.1wt%(1000ppm)	※8※9
193	信息/1 REACH SVHC	菲	Phenanthrene	产品的 0.1wt%(1000ppm)	※8※9
194	信息/1 REACH SVHC	荧蒽	Fluoranthene	产品的 0.1wt%(1000ppm)	※8※9
195	信息/1 REACH SVHC	苯并(k)荧蒽	Benzo[k]fluoranthene (BkFA)	产品的 0.1wt%(1000ppm)	※8※9
196	信息/1 REACH SVHC	2, 2-雙(4'-羥基苯基)-4-甲基戊烷	4,4'-isobutylethylidenediphenol; 2,2-bis (4'-hydroxyphenyl)-4-methylpentane	产品的 0.1wt%(1000ppm)	※8※9
197	信息/1 REACH SVHC	1, 7, 7-三甲基-3-(茱亚甲基) 双环[2, 2, 1]庚-2-酮	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one; 3-benzylidene camphor; 3-BC	产品的 0.1wt%(1000ppm)	※8※9
198	信息/1 REACH SVHC	三(4-壬基苯基, 支链和直链) 亚磷酸酯 (TNPP) 含≥0.1%的 4-壬基苯酚 (支链和直链) (4-NP)	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	产品的 0.1wt%(1000ppm)	※8※9
199	信息/1 REACH SVHC	对叔丁基苯酚	4-tert-butylphenol	产品的 0.1wt%(1000ppm)	※8※9
200	信息/1 REACH SVHC	2-甲氧基乙酸乙酯	2-methoxyethyl acetate	产品的 0.1wt%(1000ppm)	※8※9
201	信息/1 REACH SVHC	2, 3, 3, 3-四氟-2-(七氟丙氧基) 丙酸及其盐和酰基卤化物 (包括其任何异构体及其组合)	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	产品的 0.1wt%(1000ppm)	※8※9

202	信息/1 REACH SVHC	2-苄基-2-(二甲氨基)-1-(4-吗啉代苯基)-1-丁酮	2-benzyl-2-dimethylamino-4-morpholinobutyrophenone	产品的 0.1wt%(1000ppm)	※8※9
203	信息/1 REACH SVHC	2-甲基-1-[4-(甲基硫代)苯基]-2-(4-吗啉基)-1-丙酮	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	产品的 0.1wt%(1000ppm)	※8※9
204	信息/1 REACH SVHC	邻苯二甲酸二异己酯	Diisohexyl phthalate	产品的 0.1wt%(1000ppm)	※8※9
205	信息/1 REACH SVHC	全氟丁磺酸(PFBS)及其盐类	Perfluorobutane sulfonic acid(PFBS) and its salts	产品的 0.1wt%(1000ppm)	※8※9
206	信息/1 REACH SVHC	1-乙烯基-1H-咪唑	1-vinylimidazole	产品的 0.1wt%(1000ppm)	※8※9
207	信息/1 REACH SVHC	2-甲基-1H-咪唑	2-methylimidazole	产品的 0.1wt%(1000ppm)	※8※9
208	信息/1 REACH SVHC	对羟基苯甲酸丁酯	butyl 4-hydroxybenzoate	产品的 0.1wt%(1000ppm)	※8※9
209	信息/1 REACH SVHC	二丁基双(2,4-戊二酸根合-0,0')-(OC-6-11)-锡	Dibutylbis(pentane-2,4-dionato-O,O')tin	产品的 0.1wt%(1000ppm)	※8※9
210	信息/1 REACH SVHC	三水缩四乙二醇二甲醚	Bis(2-(2-methoxyethoxy)ethyl)ether	产品的 0.1wt%(1000ppm)	※8※9
211	信息/1 REACH SVHC	二月桂酸二辛基锡, 二辛基锡双(椰油酰氧基)衍生物、以及任何其他锡烷, 二辛基-, 双(脂肪酰氧基)衍生物。其中 C12 为脂肪酰氧基部分的主要碳原子数	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	产品的 0.1wt%(1000ppm)	※8※9
212	信息/1 REACH SVHC	1,4-二噁烷	1,4-dioxane	产品的 0.1wt%(1000ppm)	※8※9
213	信息/1 REACH SVHC	2,2-双(溴甲基)-1,3-丙二醇(BMP); 3-溴-2,2-二溴乙基丙醇(TBNA); 2,3-二溴丙醇(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 (TBNA); 2,3-dibromo-1-propanol (2,3-DBPA)	产品的 0.1wt%(1000ppm)	※8※9
214	信息/1 REACH SVHC	4-(1,1-二甲ethyl基)-α-甲基-苯丙醇	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	产品的 0.1wt%(1000ppm)	※8※9
215	信息/1 REACH SVHC	4,4'-(1-甲基亚丙基)双酚	4,4'-(1-Methylpropylidene)bisphenol	产品的 0.1wt%(1000ppm)	※8※9
216	信息/1 REACH SVHC	戊二醛	Glutaral	产品的 0.1wt%(1000ppm)	※8※9
217	信息/1 REACH SVHC	中链氯化石蜡(MCCP)	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]	产品的 0.1wt%(1000ppm)	※8※9
218	信息/1 REACH SVHC	硼酸钠	Orthoboric acid, sodium salt	产品的 0.1wt%(1000ppm)	※8※9
219	信息/1 REACH SVHC	苯酚、烷基化产物(主要在对位)具有来自低聚的富含C12的支链或线性烷基链, 涵盖任何单个异构体和/或其组合(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)	产品的 0.1wt%(1000ppm)	※8※9
220	信息/1 REACH SVHC	(±)-1,7,7-三甲基-[4-(4-甲基苯基)亚甲基]-双环[2,2,1]庚烷-2-酮, 包含任何单个异构体和/或其组合	(±)-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)	产品的 0.1wt%(1000ppm)	※8※9
221	信息/1 REACH SVHC	2,2'-亚甲基双(4-甲基-6-叔丁基苯酚)	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol; [DBMC]	产品的 0.1wt%(1000ppm)	※8※9
222	信息/1 REACH SVHC	S-(三环[5.2.1.0'2,6]十-3-烯-8(或9)-基)O-(异丙基或异丁基或2-乙基己基)O-(异丙基或异丁基或2-乙基己基)二硫代磷酸	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	产品的 0.1wt%(1000ppm)	※8※9
223	信息/1 REACH SVHC	6-乙烯基-6-(2-甲氧基乙氧基)-2,5,7,10-四氧杂-6-硅杂十一烷	tris(2-methoxyethoxy)vinylsilane; 6-(2-methoxyethoxy)-6-vinyl-2,5,7,10-tetraoxa-6-silaundecane	产品的 0.1wt%(1000ppm)	※8※9

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

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

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

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

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

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

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

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

※7 关于层积印刷电路板是指除去表面处理及零部件之外的层状板材部分。

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

※9 如果零件含有0.1%或更多的SVHC，请传SCIP的信息。

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

## 关联资料2 JVCKENWOOD特定化学物质详情

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

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

Chromium VI Compounds	CAS No.
Chromium (VI) oxide	1333-82-0
Barium chromate	10294-40-3
Calcium chromate	13765-19-0
Chromium trioxide	1333-82-0
Lead (II) chromate	7758-97-6
Lead chromate molybdate sulphate red	12656-85-8
Lead sulfochromate yellow	1344-37-2
Sodium chromate	7775-11-3
Sodium dichromate	10588-01-9
Strontium chromate	7789-06-2
Potassium dichromate	7778-50-9
Potassium chromate	7789-00-6
Zinc chromate	13530-65-9
Ammonium dichromate	7789-09-5
Chromium (VI) trioxide, Chromium trioxide	18540-29-9
Chromic acid	7738-94-5
Dichromic acid	13530-68-2
Potassium 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 <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)	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	CAS No.
Perfluorocarbons (PFC), Sulfur hexafluoride (SF6) & Hydrofluorocarbons (HFC)	
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-Hexafluoropropane (HFC-236ea)	431-63-0
1,1,1,3,3-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(Uqilec 141)	76253-60-6
Monomethyl-dichloro-diphenyl methane(Uqilec 121, Uqilec 21)	81161-70-8
Monomethyl-dibromo-diphenyl methane (DBBT)	99688-47-8
Polychlorinated Terphenyls (PCTs)	
Polychlorinated Terphenyls (all isomers and congeners)	61788-33-8
Polychlorinated Naphthalenes	
Polychlorinated Naphthalenes	70776-03-3
Other polychlorinated Naphthalenes	-

Radioactive Substances (Radioactive Isotope)	CAS No.
Uranium-238	7440-61-1
Radon	10043-92-2
Americium-241	14596-10-2
Thorium-232	7440-29-1
Cesium-137	10045-97-3
Strontium-90	10098-97-2
Other radioactive substances	-
Tri-substituted Organnostannic Compounds	CAS No.
Triphenyltin-N, N-dimethyldithiocarbamate	1803-12-9
Triphenyltinfluoride	379-52-2
Triphenyltinacetate	900-95-8
Triphenyltinchloride	639-58-7
Triphenyltinhydroxide	76-87-9
Triphenyltin fattvacid((9-11)salt)	18380-71-7 18380-72-8 47672-31-1 94850-90-5
Triphenyltinchloroacetate	7094-94-2
Tributyltinmethacrylate	2155-70-6
Bis(tributyltin)fumarate	6454-35-9
Tributyltinfluoride	1983-10-4
Bis(tributyltin)2,3-dibromosuccinate	31732-71-5
Tributyltinacetate	56-36-0
Tributyltinlaurate	3090-36-6
Bis(tributyltin)phthalate	4782-29-0
Copolymer of alkyl(c=8) acrylate,methyl methacrylate and tributyltin methacrylate	67772-01-4
Tributyltinsulfamate	6517-25-5
Bis(tributyltin)maleate	14275-57-1
Tributyltinchloride	1461-22-9 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-decaboro-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-dialkyldyl-ether oligomer	70682-74-5
TBBA carbonate oligomer	28906-13-0
TBBA carbonate oligomer, phenoxy end capped	94334-64-2
TBBA carbonate oligomer, 2,4,6-tribromo-phenol terminated	71342-77-3
TBBA-bisphenol A-phosgene polymer	32844-27-2
Brominated epoxy resin end-capped with tribromophenol	139638-58-7
Brominated epoxy resin end-capped with tribromophenol	135229-48-0
TBBA-(2,3-dibromo-propyl-ether)	21850-44-2
TBBA bis-(2-hydroxy-ethyl-ether)	4162-45-2
TBBA-bis-(allyl-ether)	25327-89-3
TBBA-dimethyl-ether	37853-61-5
Tetrabromo-bisphenol S	39635-79-5
TBBS-bis-(2,3-dibromo-propyl-ether)	42757-55-1
2,4-Dibromo-phenol	615-58-7
2,4,6-tribromo-phenol	118-79-6
Pentabromo-phenol	608-71-9
2,4,6-Tribromo-phenyl-allyl-ether	3278-89-5
Tribromo-phenyl-allyl-ether, unspecified	26762-91-4
Bis(methyl)tetrabromo-phthalate	55481-60-2
Bis(2-ethylhexyl)tetrabromo-phthalate	26040-51-7
2-Hydroxy-propyl-2-(2-hydroxy-ethoxy)-ethyl-TBP	20566-35-2
TBPA, glycol-and propylene-oxide esters	75790-69-1
N,N'-Ethylene_bis-(tetrabromo-phthalimide)	32588-76-4
Ethylene-bis(5,6-dibromo-norbornane-2,3-dicarboximide)	52907-07-0
2,3-Dibromo-2-butene-1,4-diol	3234-02-4
Dibromo-neopentyl-glycol	3296-90-0
Dibromo-propanol	96-13-9
Tribromo-neopentyl-alcohol	36483-57-5
Poly tribromo-styrene	57137-10-7
Tribromo-styrene	61368-34-1
Dibromo-styrene grafted PP	171091-06-8
Poly-dibromo-styrene	31780-26-4
Bromo-/Chloro-paraffins	68955-41-9
Bromo-/Chloro-alpha-olefin	82600-56-4
Vinylbromide	593-60-2
Tris-(2,3-dibromo-propyl)-isocyanurate	52434-90-9

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

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

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

Formaldehyde	CAS No.
Formaldehyde	50-00-0

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

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

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

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

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

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

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

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

Chlorinated Flame Retardants (CFR)	CAS No.
Tris(1-chloro-2-propyl)phosphate	13674-84-5
Tetrakis(2-chloroethyl)dichloroisopentyl(diphosphate)	38051-10-4
Tris(2,3-dichloro-1-propyl)phosphate	66108-37-0
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
Dibenz[a,h]anthracene (DBaHA)	53-70-3

REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)	CAS No.
Sodium dichromate, dihydrate	7789-12-0
Sodium dichromate anhydrate	10588-01-9
Bis(tributyltin)oxide (TBTO)	56-35-9
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
4,4'- Diaminodiphenylmethane (MDA)	101-77-9
Diarsenic pentaoxide	1303-28-2
Diarsenic trioxide	1327-53-3
Triethyl arsenate	15606-95-8
Lead hydrogen arsenate	7784-40-9
Benzyl butyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Bis (2-ethylhexyl)phthalate(DEHP)	117-81-7
Anthracene	120-12-7
Cobalt dichloride	7646-79-9
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	3194-55-6
Hexabromocyclododecane (HBCDD)	25637-99-4
alpha-hexabromocyclododecane	134237-50-6
beta-hexabromocyclododecane	134237-51-7
gamma-hexabromocyclododecane	134237-52-8
2,4-Dinitrotoluene	121-14-2
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste, distr. Lights	91995-17-4
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
Anthracene oil, anthracene-low	90640-82-7
Anthracene oil, anthracene paste	90640-81-6
Diisobutyl phthalate(DIBP)	84-69-5
Lead chromate	7758-97-6
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
Tris(2-chloroethyl)phosphate(TCEP)	115-96-8
Pitch, coal tar, high temp.	65996-93-2
Acrylamide	79-06-1
Trichloroethylene	79-01-6
Boric acid	11113-50-1
Disodium tetraborate, anhydrous	10043-35-3
	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 hydroxvoctaoxodizincatedichromate	11103-86-9
Lead dipicrate	6477-64-1
N,N-dimethylacetamide	127-19-5
Arsenic acid	7778-39-4
2-Methoxyaniline; o-Anisidine	90-04-0
Trilead diarsenate	3687-31-8

REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)	CAS No.
1,2-dichloroethane	107-06-2
Pentazinc chromate octahydroxide	49663-84-5
Formaldehyde, oligomeric reaction products with aniline	25214-70-4
Bis(2-methoxyethyl) phthalate	117-82-8
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
Lead diazide, Lead azide	13424-46-9
Phenolphthalein	77-09-8
Dichromium tris(chromate)	24613-89-6
Lead stypnate	15245-44-0
2,2'-dichloro-4,4'-methylenedianiline	101-14-4
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9
1,3,5-tris(2S and 2R)-2,3-epoxypropyl-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triolyme)	112-49-2
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1
Lead(II) bis(methanesulfonate)	17570-76-2
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
Diboron trioxide	1303-86-2
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-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> SiO <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
Methyloxirane (Propylene oxide)	75-56-9
Trilead dioxide phosphonate	12141-20-7
o-aminoazotoluene	97-56-3
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
4,4'-oxydianiline and its salts	101-80-4
Orange lead (lead tetroxide)	1314-41-6
Biphenyl-4-ylamine	92-67-1
Diisopentylphthalate	605-50-5
Fatty acids, C16-18, lead salts	91031-62-8
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
Sulfurous acid, lead salt, dibasic	62229-08-7
Lead cyanamide	20837-86-9

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
Sodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
Lead di(acetate)	301-04-2
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
Sodium perborate; perboric acid, sodium salt	-
Sodium peroxometaborate	7632-04-4
Cadmium chloride	10108-64-2
2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328)	25973-55-1
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-
Cadmium fluoride	7790-79-6
Cadmium sulphate	10124-36-4 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]pylene)	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)	-
1,6,7,8,9,14,15,16,17,18,18-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'-isobutylethylidenediphenol: 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2,2,1]heptan-2-one; 3-benzylidene camphor; 3-BC	15087-24-8



REACH SVHC(Candidate List of Substances of Very High Concern for authorisation)	CAS No.
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'-morpholinobutylphenone	119313-12-1
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
Diisohexyl phthalate	71850-09-4
Perfluorobutane sulfonic acid (PFBS) and its salts	375-73-5 131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 503155-89-3 507453-86-3 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)propionaldehyde	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'-methylenedi-p-cresol: [DBMCI]	119-47-1
S-(tricyclo(5.2.1.0 <sup>2,6</sup> )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