Guidelines for Green Procurement

Attached Table : Details of substances (typical examples)

Revision history

2012-11-20 Guidelines for Green Procurement (Attached Table) First edition issue
2012-12-28 Guidelines for Green Procurement (Attached Table) Second edition issue
B20 Addition of Substance of REACH SVHC in Candidate List（84 substance -> 138substance）
2013- 6-21 Guidelines for Green Procurement (Attached Table) Third edition issue
B20 Addition of Substance of REACH SVHC in Candidate List（138 substance -> 144substance）
2013-12-26 Guidelines for Green Procurement (Attached Table) Fourth edition issue
B20 Addition of Substance of REACH SVHC in Candidate List（144 substance -> 151substance）
2014- 6-20 Guidelines for Green Procurement (Attached Table) Fifth edition issue
B20 Addition of Substance of REACH SVHC in Candidate List（151 substance -> 155substance）
2014-10-01 Guidelines for Green Procurement Ver.10 (Attached Table) Sixth edition issue
2014-12-26 Guidelines for Green Procurement (Attached Table) Seventh edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（155 substance -> 161 substance）
TB23 Addition of 10 Substances for Polycyclic Aromatic Hydrocarbon (PAH)
A change part is written by blue character
2015- 6-22 Guidelines for Green Procurement (Attached Table) Eighth edition issue
TA20 Addition of Red Phosphorus
TB20 Addition of Substance of REACH SVHC in Candidate List（161 substance -> 163 substance）
TB24 Addition of PFCAs (15 substance)
2015-12-25 Guidelines for Green Procurement Ver.10 .3(Attached Table) 10.3.0 edition issue
TA18 Added the CAS No. of Red Phosphorus
TB9 Addition of 5 Substances for Some Phthalic Esters
TB20 Addition of Substance of REACH SVHC in Candidate List（163 substance ->168 substance）
TB25 Addition of Benzidine and its salts
TB26 Addition of Biphenyl-4-ylamine and its salts
TB27 Addition of 2-naphthylamine (β-Naphthylamine) and its salts
TB28 Addition of Organic phosphorus compounds
（limited to Parathion, Methyl Parathion, Methyl Demeton and EPN)
TB29 Addition of 2-Chloronaphthalenes
TB30 Addition of Pentachlorophenol and its salts and its esters
2016- 6-24 Guidelines for Green Procurement Ver.10 .4(Attached Table) 10.4.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（168 substance ->169 substance）
TB31 Addition of Simazine
TB32 Addition of Bisphenol A (limited to thermal paper containing over than 0.02wt%)
2017-1-20 Guidelines for Green Procurement Ver.10 .5(Attached Table) 10.5.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（169 substance ->173 substance）
TB22 (will be deleted)
TB33 Addition of Small Brominated Alkyl Alcohols
TB34 Addition of Dechlorane A
TB35 Addition of Tris(2-chloro-1-methylethyl) Phosphate
TB36 Addition of IEC62474 Declarable substances
2017-7-14 Guidelines for Green Procurement Ver.11 .0(Attached Table) 11.0.0 edition issue
TA53 Addition of Perfluorooctanoic acid (PFOA)
TB20 Addition of Substance of REACH SVHC in Candidate List（173 substance ->174 substance）
TB22 (deleted)
TB24 Deleted Perfluorooctanoic acid (PFOA) from the typical examples of PFCAs
2018-1-22 Guidelines for Green Procurement Ver.11 .1(Attached Table) 11.1.0 edition issue
TA53 Addition of typical examples for Perfluorooctanoic acid (PFOA)
TB20 Addition of Substance of REACH SVHC in Candidate List（174 substance ->181 substance）
TB37 Addition of China Prioritized chemical inventory substances (22 substance）
2018-7-4 Guidelines for Green Procurement Ver.11 .2(Attached Table) 11.2.0 edition issue
TA9 Addition of typical examples for Polychlorinatedbiphenyls (PCBs)/ Polychlorinated terphenyls (PCTs)
TB20 Addition of Substance of REACH SVHC in Candidate List（181substance ->191 substance）
2019-1-31 Guidelines for Green Procurement Ver.11 .3(Attached Table) 11.3.0 edition issue

TB20 Addition of Substance of REACH SVHC in Candidate List（191ubstance ->197 substance）
TB38 Addition of PFHXs and its salts and its related compounds (147 substance）

2019-7-26 Guidelines for Green Procurement Ver.11 .4(Attached Table) 11.4.0 edition issue
TA10 Change (with 3 or more chlorine atoms) to (with 1 or more chlorine atoms) and added typical examples
TA53 Addition of "its salts and PFOA related substances" and added typical examples
TB20 Addition of Substance of REACH SVHC in Candidate List（197 substance ->201 substance）
TB29 (deleted)
TB38 Corrected from PFHXs to PFHxS
TB39 Addition of Bisphenol S （limited to thermal paper containing over than 0.02wt% ）

2020 -3-12 Guidelines for Green Procurement Ver.11 .5(Attached Table) 11.5.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（201 substance ->205 substance）

2020-7-17 Guidelines for Green Procurement Ver.11 .6(Attached Table) 11.6.0 edition issue
TB12 Change Chlorinated paraffins to Long Chain Chlorinated paraffins(C18-30)
TB20 Addition of Substance of REACH SVHC in Candidate List（205 substance ->209 substance）
TB40 Medium Chain Chlorinated paraffins (C14-17) separated from TB12 Chlorinated paraffins and added
TB41 Addition of ("Dechlorane Plus"™)

2021-3-1 Guidelines for Green Procurement Ver.12.0 (Attached Table) 12.0.0 edition issue
TA16, 17, 19-32, 38-42, 44-47 deleted due to IEC62474 compliance
TA18 Removed Red Phosphorus prohibition condition
TB20 Addition of Substance of REACH SVHC in Candidate List（209 substance ->211 substance）
TB37 Addition of China Prioritized chemical inventory substances (2nd list）
TB42 Addition of PBT 5 substances based on TSCA Article 6 (h)

2021-6-1 Guidelines for Green Procurement Ver.12.1 (Attached Table) 12.1.0 edition issue
TA54 Addition of Phenol, Isopropylated Phosphate (3:1) (PIP 3:1)
TA55 Addition of Pentachlorothiophenol (PCTP)
TB42 Change PBT substances based on TSCA Article 6 (h)

2021-9-1 Guidelines for Green Procurement Ver.12.2 (Attached Table) 12.2.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（211 substance ->219 substance）

2022-1-7 Guidelines for Green Procurement Ver.12.2 (Attached Table) 12.3.0 edition issue
(There is no change)

2022-12-1 Guidelines for Green Procurement Ver.13.0 (Attached Table) 13.0.0 edition issue
TA56 Addition of Perfluorocarboxylic acids containing C9 to C14 (C9-C14 PFCAs), their salts and C9-C14 PFCAs-related substances
TA57 Addition of Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related substances
TA58 Addition of MOAH : Mineral oil aromatic hydrocarbons comprising 1 to 7 aromatic rings
TB20 Addition of Substance of REACH SVHC in Candidate List（219 substance ->224 substance）
TB43 Addition of Per- and PolyFluoroAlkyl Substances(PFAS)
TA44 Addition of MOSH : Mineral oil saturated hydrocarbons comprising 16 to 35 carbon atoms

2023-9-1 Guidelines for Green Procurement Ver.13.1 (Attached Table) 13.1.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（224 substance ->235 substance）
TB38 (deleted)
TB45 Addition of UV-328

2024-4-1 Guidelines for Green Procurement Ver.13.2（Attached Table） 13.2.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（235 substance ->240 substance）

2024-10-1 Guidelines for Green Procurement Ver.13.3（Attached Table） 13.3.0 edition issue
TA53 Addition of PFOA related substances to be consistent with revised Japanese Chemical Substances Control Law
TB20 Addition of Substance of REACH SVHC in Candidate List（240 substance ->241 substance）

2025-2-1 Guidelines for Green Procurement Ver.14.0（Attached Table） 14.0.0 edition issue
TA59 Addition of Dechlorane Plus to be consistent with revised Japanese Chemical Substances Control Law and EU POPS Regulation
TA60 Addition of UV-328 to be consistent with revised Japanese Chemical Substances Control Law and EU POPS Regulation
TB20 Addition of Substance of REACH SVHC in Candidate List（241 substance ->247 substance）, and revised chemical substance name of Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)
TB41 (deleted)
TB45 (deleted)

2025-9-16　Guidelines for Green Procurement Ver.14.1（Attached Table） 14.1.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（247 substance ->250 substance）
2026-4-1　Guidelines for Green Procurement Ver.14.2（Attached Table） 14.2.0 edition issue
TB20 Addition of Substance of REACH SVHC in Candidate List（250 substance ->253 substance）
2026-7-1　Guidelines for Green Procurement Ver.14.3（Attached Table） 14.3.0 edition issue
Move TA55 PCTP to TB42
Move TB44 MOSH to TA58
2026-11-1 Guidelines for Green Procurement Ver.15.0（Attached Table） 15.0.0 edition issue
TA56 Expand the scope of PFCAs to C9–C21
Move TB40 MCCPs to TA61

Substance that is prohibited in the delivered product (typical examples)

No.	CAS	Chemical substance name	Chemical formula
TA1		**Lead and its compounds**	
	7439-92-1	Lead	Pb
	598-63-0	Lead(II) carbonate	$PbCO_3$
	1309-60-0	Lead(IV) oxide	PbO_2
	1314-41-6	Lead(II,IV) oxide	Pb_3O_4
	1314-87-0	Lead(II) sulfide	PbS
	1317-36-8	Lead(II) oxide	PbO
	1319-46-6	Lead(II) carbonate basic	$2PbCO_3.Pb(OH)_2$
	1344-36-1	Lead Hydroxidcarbonate	$2PbCO_3.Pb(OH)_2$
	7446-14-2	Lead(II) sulfate	$PbSO_4$
	7446-27-7	Lead(II) phosphate	$Pb_3(PO_4)_2$
	7758-97-6	Lead(II) chromate	$PbCrO_4$
	12060-00-3	Lead(II) titanate	$PbTiO_3$
	15739-80-7	Lead sulfate,sulphuric acid,lead salts	$PbSO_4$
	12202-17-4	Lead sulfate,tribasic	$PbSO_4 \cdot H_2O$
	1072-35-1	Lead stearate	$Pb(C_{17}H_{35}COO)_2$
	56189-09-4	Lead stearate,dibasic	$2PbO \cdot Pb(C_{17}H_{35}COO)_2$
	12656-85-8	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	$PbCrO_4$, $PbMoO_4$, $PbSO_4$
	1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	$Pb(Cr,S)O_4$
	-	Other lead compounds	-
TA2		**Mercury and its compounds.**	
	7439-97-6	Mercury	Hg
	7487-94-7	Mercury(II) chloride	$HgCl_2$
	21908-53-2	Mercury(II) oxide	HgO
	-	Other mercury compounds	-
TA3		**Hexavalent chromium compounds**	
	7789-12-0 10588-01-9	Sodium dichromate	$Na_2Cr_2O_7$
	1333-82-0	Chromium(VI) oxide	CrO_3
	13765-19-0	Calcium chromate	$CaCrO_4$
	7758-97-6	Lead (II) chromate	$PbCrO_4$
	7778-50-9	Potassium dichromate	$K_2Cr_2O_7$
	7789-00-6	Potassium chromate	K_2CrO_4
	-	Other hexavalent chromium compounds	
TA4		**Cadmium and its compounds**	
	7440-43-9	Cadmium	Cd
	1306-19-0	Cadmium oxide	CdO
	1306-23-6	Cadmium sulfide	CdS
	10108-64-2	Cadmium chloride	$CdCl_2$
	10124-36-4	Cadmium sulfate	$CdSO_4$
	-	Other cadmium compounds	-
TA5		**Polybrominated biphenyls (PBBs)**	
	59536-65-1	Polybrominated biphenyls	$C_{12}HxBr_{(10-x)}$
	-	Other polybrominated biphenyls	-
TA6		**Polybrominated diphenyl ethers (PBDEs)**	
	1163-19-5	Polybrominated diphenyl ethers	$C_{12}HxBr_{(10-x)}O$
	-	Other Polybrominated diphenyl ethers	-
TA7		**Bis(tributyltin)oxide**	
	56-35-9	Bis(Tri-n-butyltin)oxide	$O(Sn(C_4H_9)_3)_2$
TA8		**Tri-substituted organostannic compounds (Tributyltins (TBTs) , Tripheniltins (TPTs) , etc. ,except TBTO(Ref. No.TA7))**	
	1803-12-9	Triphenyltin N,N'-dimethyldithiocarbamate	$(C_6H_5)_3Sn(CH_3)_2NCS_2$

	379-52-2	Triphenyltin fuloride	$(C_6H_5)_3SnF$
	900-95-8	Triphenyltin acetate	$(C_6H_5)_3SnOCOCH_3$
	639-58-7	Triphenyltin chloride	$(C_6H_5)_3SnCl$
	76-87-9	Triphenyltin hydroxide	$(C_6H_5)_3SnOH$
	47672-31-1	Triphenyltin fatty acid salts(C=9-11)	-
	7094-94-2	Triphenyltin chloroacetate	$(C_6H_5)_3SnOCOCH_2Cl$
	2155-70-6	Triphenyltin methacrylate	$(C_4H_9)_3SnC_4H_5O_2$
	6454-35-9	Bis(tributyltin)2,3-dibromosuccinate	$C_2H_2(COO)_2((C_4H_9)_3Sn)_2$
	1983-10-4	Tributyltin fluoride	$(C_4H_9)_3SnF$
	31732-71-5	Bis(tributyltin) 2,3-dibromosuccinate	$((C_4H_9)_3Sn)_2$ $C_2H_2(Br)_2(COO)_2$
	56-36-0	Tributyltin acetate	$(C_4H_9)_3SnOCOCH_3$
	3090-36-6	Tributyltin laurate	$(C_4H_9)_3SnC_{12}H_{23}O_2$
	4782-29-0	Bis(tributyltin)phthalate	$(C_6H_4)(COO)_2((C_4H_9)_3Sn)_2$
	-	Copolymer of alkyl acrylate,methyl methacrylate and tributyltin methacrylate (alkyl;C=8)	-
	6517-25-5	Tributyltin sulfamate	$(C_4H_9)_3SnSO_3NH_2$
	14275-57-1	Bis(tributyltin)maleate	$C_2H_2(COO)_2((C_4H_9)_3Sn)_2$
	1461-22-9	tributyltin chloride	$(C_4H_9)_3SnCl$
	-	Mixture of tributyltin cyclopentane carboxylate and its analogs	-
	-	Mixture of tributyltin-1,2,3,4,4,a,5,6,10,10a-decahydro-7-isopropyl-1,4a-dimethyl-1-phenanthren carboxylate and its analogs	-
	-	Other tri-substituted organostannic compounds	-
TA9		**Polychlorinatedbiphenyls (PCBs)/ Polychlorinated terphenyls (PCTs)**	
	1336-36-3	PCB(Polychlorinated biphenyls)	$C_{12}HnCl_{(10}$-n) (n: 0-9)
	61788-33-8	PCT(Polychlorinated terphenyls)	$C_{18}HnCl_{(14-n)}$ (n: 0-13)-
	76253-60-6	Monomethyl-tetrachloro-diphenyl methane (Ugilec 141)	$C_{14}H_{10}Cl_4$
	81161-70-8	Monomethyl-dichloro-diphenyl methane(Ugilec 121, Ugilec 21)	-
	99688-47-8	Monomethyl-dibromo-diphenyl methane (DBBT)	-
	-	Other PCBs	-
TA10		**Polychlorinated naphthalene(with1 or more chlorine atoms)**	
	25586-43-0	chloronaphthalene	$C_{10}H_7Cl$
	28699-88-9	dichloronaphthalene	$C_{10}H_6Cl_2$
	1321-65-9	trichloronaphthalene	$C_{10}H_5Cl_3$
	1335-88-2	tetrachloronaphthalene	$C_{10}H_4Cl_4$
	1321-64-8	pentachloronaphthalene	$C_{10}H_3Cl_5$
	2234-13-1	octachloronaphthalene	$C_{10}Cl_8$
	91-58-7	Polychlorinated naphthalene(with2 chlorine atoms)	-
	70776-03-3	Polychlorinated naphthalene(with3 or more chlorine atoms)	-
	-	Other Polychlorinated naphthalene	-
TA11		**Short chain chlorinated paraffins**	
	85535-84-8	Short chain chlorinated paraffins(C10-13)	CnH_2 n+$_2$-xClx (n:10-13)
TA12		**Asbestos**	
	77536-66-4	Actinolite	$Ca_2(Mg,Fe)_5(Si_8O_{22})(OH)_2$
	12172-73-5	Amosite	$Fe_5Mg_2(Si_8O_{22})(OH)_2$
	77536-67-5	Anthophylite	$(Mg, Fe)_7Si_8O_{22}(OH)_2$
	12001-29-5	Chrysotile	$Mg_3(Si_2O_5)(OH)_4$
	12001-28-4	Crocidolite	$Na_2Fe^{2+}{}_3Fe^{3+}{}_2Si_8O_{22}(OH)_2$
	77536-68-6	Tremolite	$Ca_2Mg_5Si_8O_{22}(OH)_2$
	-	Other asbestos	-
TA13		**Azo pigments and dyes.（those able to form certain amines）**	
	60-09-3	4-Aminoazobenzene	$C_{12}H_{11}N_3$

	90-04-0	*o*-Anisidine	C_7H_9NO
	91-59-8	2-Naphthylamine (β-Naphthylamine)	$C_{10}H_9N$
	91-94-1	3,3'-Dichlorobenzidine	$C_{12}H_{10}Cl_2N_2$
	92-67-1	4-Biphenylamine	$C_{12}H_{11}N$
	92-87-5	Benzidine	$C_{12}H_{12}N_2$
	95-53-4	*o*-Toluidine	C_7H_9N
	95-69-2	4-Chloro-*o*-toluidine	C_7H_8ClN
	95-80-7	2,4-Toluendiamine	$C_7H_{10}N_2$
	97-56-3	*o*-Aminoazotoluene	$C_{14}H_{15}N_3$
	99-55-8	5-Nitro-*o*-toluidine	$C_7H_8N_2O_2$
	101-14-4	3,3'-Dichloro-4,4'-diaminodiphenylmethan	$C_{13}H_{12}Cl_2N_2$
	101-77-9	4,4'-Methylenedianiline	$C_{13}H_{14}N_2$
	101-80-4	4,4'-Diaminodiphenylether	$C_{12}H_{12}N_2O$
	106-47-8	p-Chloroaniline	C_6H_6ClN
	119-90-4	3.3'-Dimethoxybenzidine	$C_{14}H_{16}N_2O_2$
	119-93-7	3,3'-Dimethylbenzidine	$C_{14}H_{16}N_2$
	120-71-8	2-Methoxy-5-methylaniline	$C_8H_{11}NO$
	137-17-7	2,4,5-Trimethylaniline	$C_9H_{13}N$
	139-65-1	4,4'-Thiodianiline	$C_{12}H_{12}N_2S$
	615-05-4	4-Methoxy-m-phenylenediamine	$C_7H_{10}N_2O$
	838-88-0	4,4'-Diamino-3,3'-dimethyldiphenylmethane	$C_{15}H_{18}N_2$
TA14		**Ozone Depleting Substances**	
	75-69-4	CFC-11	$CFCl_3$
	75-71-8	CFC-12	CF_2Cl_2
	76-13-1	CFC-113	$C_2F_3Cl_3$
	76-14-2	CFC-114	$C_2F_4Cl_2$
	76-15-3	CFC-115	C_2F_5Cl
	353-59-3	Halon1211	CF_2BrCl
	75-63-8	Halon1301	CF_3Br
	124-73-2	Halon2402	$C_2F_4Br_2$
	75-72-9	CFC-13	CF_3Cl
	354-56-3	CFC-111	C_2FCl_5
	76-12-0	CFC-112	$C_2F_2Cl_4$
	422-78-6	CFC-211	C_3FCl_7
	3182-26-1	CFC-212	$C_3F_2Cl_6$
	2354-06-5	CFC-213	$C_3F_3Cl_5$
	2268-46-4	CFC-214	$C_3F_4Cl_4$
	76-17-5	CFC-215	$C_3F_5Cl_3$
	661-97-2	CFC-216	$C_3F_6Cl_2$
	422-86-6	CFC-217	C_3F_7Cl
	56-23-5	Carbon tetrachloride	CCl_4
	71-55-6	1,1,1-Trichloroethane	$C_2H_3Cl_3$
	1868-53-7	Dibromofluoromethane	$CHFBr_2$
	1511-62-2	Bromodifluoromethane	CHF_2Br
	373-52-4	Bromofluoromethane	CH_2FBr
	306-80-9	Tetrabromofluoroethane	C_2HFBr_4
	-	Tribromodifluoroethane	$C_2HF_2Br_3$
	354-04-1	Dibromotrifluoroethane	$C_2HF_3Br_2$
	124-72-1	Bromotetrafluoroethane	C_2HF_4Br
	-	Tribromofluoroethane	$C_2H_2FBr_3$
	75-82-1	Dibromodifluoroethane	$C_2H_2F_2Br_2$
	421-06-7	Bromotrifluoroethane	$C_2H_2F_3Br_3$
	358-97-4	Dibromofluoroethane	$C_2H_3FBr_2$
	359-07-9	Bromodifluoroethane	$C_2H_3F_2Br$
	762-49-2	Bromofluoroethane	C_2H_4FBr
	-	Hexabromofluoropropane	C_3HFBr_6
	-	Pentabromodifluoropropane	$C_3HF_2Br_5$

	-	Tetrabromotrifluoropropane	$C_3HF_3Br_4$
	-	Tribromotetrafluoropropane	$C_3HF_4Br_3$
	431-78-7	Dibromopentafluoropropane	$C_3HF_5Br_2$
	2252-79-1	Bromohexafluoropropane	C_3HF_8Br
	-	Pentabromofluoropropane	$C_3H_2FBr_5$
	-	Tetrabromodifluoropropane	$C_3H_2F_2Br_4$
	-	Tribromotrifluoropropane	$C_3H_2F_3Br_3$
	-	Dibromotetrafluoropropane	$C_3H_2F_4Br_2$
	460-88-8	Bromopentafluoropropane	$C_3H_2F_5Br$
	-	Tetrabromofluoropropane	$C_3H_3FBr_4$
	70192-80-2	Tribromodifluoropropane	$C_3H_3F_2Br_3$
	70192-83-5	Dibromotrifluoropropane	$C_3H_3F_3Br_2$
	679-84-5	Bromotetrafluoropropane	$C_3H_3F_4Br$
	75372-14-4	Tribromofluoropropane	$C_3H_4FBr_3$
	460-25-3	Dibromodifluoropropane	$C_3H_4F_2Br_2$
	421-46-5	Bromotrifluoropropane	$C_3H_4F_3Br$
	51584-26-0	Dibromofluoropropane	$C_3H_5FBr_2$
	-	Bromodifluoropropane	$C_3H_5F_2Br$
	352-91-0	Bromofluoropropane	C_3H_6FBr
	74-97-5	Chlorobromomethane	CH_2BrCl
	74-83-9	Methylbromide	CH_3Br
	75-43-4	HCFC-21	$CHFCl_2$
	75-45-6	HCFC-22	CHF_2Cl
	593-70-4	HCFC-31	CH_2FCl
	134237-32-4	HCFC121	C_2HFCl_4
	41834-16-6	HCFC-122	$C_2HF_2Cl_3$
	34077-87-7	HCFC-123	$C_2HF_3Cl_2$
	306-83-2	HCFC-123	$CHCl_2CF_3$
	63938-10-3	HCFC-124	C_2HF_4Cl
	2837-89-0	HCFC-124	$CHFClCF_3$
	134237-34-6	HCFC-131	$C_2H_2FCl_3$
	25915-78-0	HCFC-132	$C_2H_2F_2Cl_2$
	75-88-7	HCFC-133	$C_2H_2F_3Cl$
	25167-88-8	HCFC-141	$C_2H_3FCl_2$
	1717-00-6	HCFC-141(b)	$C_2H_3FCl_2$
	25497-29-4	HCFC-142	$C_2H_3F_2Cl$
	75-68-3	HCFC-142(b)	CH_3CF_2Cl
	1615-75-4	HCFC-151	C_2H_4FCl
	134237-35-7	HCFC-221	C_3HFCl_6
	134237-36-8	HCFC-222	$C_3HF_2Cl_5$
	134237-37-9	HCFC-223	$C_3HF_3Cl_4$
	134237-38-0	HCFC-224	$C_2HF_4Cl_3$
	127564-92-5	HCFC-225	$C_3HF_5Cl_2$
	422-56-0	HCFC-225 ca	$CF_3CF_2CHCl_2$
	507-55-1	HCFC-225 cb	CF_2ClCF_2CHClF
	134308-72-8	HCFC-226	C_3HF_6Cl
	134190-48-0	HCFC-231	$C_3H_2FCl_5$
	134237-39-1	HCFC-232	$C_3H_2F_2Cl_4$
	134237-40-4	HCFC-233	$C_3H_2F_3Cl_3$
	127564-83-4	HCFC-234	$C_3H_2F_4Cl_2$
	134237-41-5	HCFC-235	$C_3H_2F_5Cl$
	134190-49-1	HCFC-241	$C_3H_3FCl_4$
	134237-42-6	HCFC-242	$C_3H_3F_2Cl_3$
	134237-43-7	HCFC-243	$C_3H_3F_3Cl_2$
	134190-50-4	HCFC-244	$C_3H_3F_4Cl$
	134190-51-5	HCFC-251	$C_3H_4FCl_3$
	134190-52-6	HCFC-252	$C_3H_4F_2Cl_2$

	134237-44-8	HCFC-253	$C_3H_4F_3Cl$
	134237-45-9	HCFC-261	$C_3H_5FCl_2$
	134190-53-7	HCFC-262	$C_3H_5F_2Cl$
	134190-54-8	HCFC-271	C_3H_6FCl
	1649-08-7	HCFC-132b	$C_2H_2F_2Cl_2$
	75-88-7	HCFC-133a	$C_2H_2F_3Cl$
TA15		**Radioactive substances**	
	7440-61-1	Uranium	U
	7440-07-5	Plutonium	Pu
	10043-92-2	Radon	Rn
	7440-35-9	Americium	Am
	7440-29-1	Thorium	Th
	7440-46-2	Cesium	Cs
	7440-24-6	Strontium	Sr
	-	Other radioactive substances	-
TA16		deleted	
TA17		deleted	
TA18		**Yellow Phosphorus (except for a semiconductor) And Red Phosphorus**	
	12185-10-3	Yellow Phosphorus	P_4
	7723-14-0	Red Phosphorus	P
TA19		deleted	
TA20		deleted	
TA21		deleted	
TA22		deleted	
TA23		deleted	
TA24		deleted	
TA25		deleted	
TA26		deleted	
TA27		deleted	
TA28		deleted	
TA29		deleted	
TA30		deleted	
TA31		deleted	
TA32		deleted	
TA33	3846-71-7	**2-benzotriazol-2-yl-4,6-di-tert-butyl-phenol**	$C_{20}H_{25}N_3O$
A34		**Perfluorooctane Sulfonate(PFOS) and its salts**	$C_8F_{17}SO_2X$
	1763-23-1	Perfluorooctanesulfonic acid	$C_8HF_{17}O_3S$
	29081-56-9	Perfluorooctanesulfonate amine	$C_8F_{17}S\ O_3\ NH_4$
	70225-14-8	Bis(2-hydroxyethyl) ammonium perfluorooctanesulfonate	$C_{12}H_{12}F_{17}NO_5S$
	2795-39-3	Potassium perfluorooctanesulfonate	$C_8F_{17}KO_3S$
	29457-72-5	Lithium perfluorooctanesulfonate	$C_8F_{17}LIO_3S$
	-	Other perfluorooctane Sulfonate and its Salts	
TA35	624-49-7	**Dimethylfumarate(DMF)**	$C_6H_8O_4$
TA36		**Dibutyltin (DBT) compounds**	
	818-08-6	Dibutyltin oxide	$C_8H_{18}OSn$
	1067-33-0	Dibutyltin diacetate	$C_{12}H_{24}O_4Sn$
	77-58-7	Dibutyltin dilaurate	$C_{32}H_{64}O_4Sn$
	78-04-6	Dibutyltin maleate	$C_{12}H_{20}O_4Sn$
		Other dibutyltin compounds	
TA37	307-35-7	Perfluorooctane sulfonyl fluoride (PFOSF)	$C_8F_{17}SO_2F$
TA38		deleted	
TA39		deleted	
TA40		deleted	
TA41		deleted	
TA42		deleted	
TA43		**Dioctyl Tin (DOT) compounds**	

	870-08-6	Dioctyl Tin Oxide	
	3648-18-8	Dioctyltin dilaurate	
	-	Other Dioctyltin compounds	
TA44		deleted	
TA45		deleted	
TA46		deleted	
TA47		deleted	
		Hexabromocyclododecanes (HBCDDs)	-
TA48	25637-99-4, 3194-55-6, 4736-49-6, 65701-47-5, 134237-50-6, 134237-51-7, 134237-52-8, 138257-17-7, 138257-18-8, 138257-19-9, 169102-57-2, 678970-15-5, 678970-16-6, 678970-17-7	Hexabromocyclododecane (HBCDD) and all Major diastereoisomers identified(α-HBCDD, β-HBCDD, γ-HBCDD)	$C_{12}H_{18}Br_6$
TA49	117-81-7	**Bis(2-ethylhexyl)phthalate）(DEHP)**	$C_{24}H_{38}O_4$
TA50	84-74-2	**Dibutyl phthalate (DBP)**	$C_{16}H_{22}O_4$
TA51	85-68-7	**Butyl benzyl phthalate (BBP)**	$C_{19}H_{20}O_4$
TA52	84-69-5	**Diisobutyl phthalate（DIBP）**	$C_{16}H_{22}O_4$
TA53		**Perfluorooctanoic acid (PFOA) , its salts**	
	335-67-1	Perfluorooctanoic acid (PFOA)	
	1882109-81-0	Hexanoic acid, 2,2,3,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-	
	1882109-80-9	Hexanoic acid, 2,3,3,4,4,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-	
	1882109-79-6	Hexanoic acid, 2,2,3,3,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-	
	1882109-78-5	Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-	
	1882109-77-4	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-	
	1882109-76-3	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl] -	
	1882109-75-2	Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)	
	1882109-74-1	Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-	
	1882109-73-0	Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-	
	1882109-72-9	Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-	
	1882109-71-8	Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3-tris(trifluoromethyl)-	
	1882109-70-7	Pentanoic acid, 3,3,4,5,5,5-hexafluoro-2,2,4-tris(trifluoromethyl)-	
	1882109-69-4	(NOT YET ASSIGNED)	
	1882109-68-3	Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	
	1882109-67-2	Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	
	1882109-66-1	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	
	1882109-65-0	Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	
	1882109-64-9	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	

	1882109-63-8	Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	
	1882109-62-7	Butanoic acid, 4,4,4-trifluoro-2,2,3,3-tetrakis(trifluoromethyl)-	
	1882109-61-6	Butanoic acid, 2,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-(trifluoromethyl)-	
	1882109-60-5	Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-	
	1882109-59-2	Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-	
	1882109-58-1	Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-pentafluoroethyl)-	
	1812247-20-3	Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-	
	1812247-19-0	Hexanoic acid, 2,3,3,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-	
	1812247-18-9	Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-	
	1812247-17-8	Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-	
	1192593-79-5	Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-	
	1144512-36-6	Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	
	1144512-35-5	Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-	
	1144512-34-4	Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-	
	1144512-18-4	Heptanoic acid, 2,2,3,3,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-	
	909009-42-3	Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-	
	705240-04-6	Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-	
	207678-51-1	Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-	
	123116-17-6	Isooctanoic acid, pentadecafluoro-	
	35605-76-6	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-	
	15166-06-0	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-	
	3825-26-1	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-penta-deca-fluoro-octanoic acid,ammonium salt(APFO)	
	335-95-5	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-penta-deca-fluoro-octanoic acid,sodium salt(Na-PFOA)	
	2395-00-8	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-penta-deca-fluoro-octanoic acid,potassium salt(K-PFOA)	
	335-93-3	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-penta-deca-fluoro-octanoic acid, silver salt	
	68141-02-6	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+)	
	98241-25-9	Ethanaminium, N,N,N-triethyl-, salt with pentadecafluorooctanoic acid (1:1)	
	13058-06-5	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, ammonium salt (1:1)	
	1195164-59-0	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, sodium salt (1:1)	
	19742-57-5	Heptanoic acid,2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, ammonium salt (1:1)	
	61436-04-2	Heptanoic acid,2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-,iron salt (1:x)	
	29457-73-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, potassium salt (1:1)	
	18017-22-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- , sodium salt (1:1)	
	15739-82-9	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, chromium salt (1:x)	
	15715-47-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (3:1)	
	-	Other Perfluorooctanoic Acid(PFOA) salts	
		PFOA related substances	
	-	Poly[2-(perfluorooctyl) ethyl acrylate] (PFOEA)	
	678-39-7	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecan-1-ol(8:2 FTOH)	
	27905-45-9	8:2 Fluorotelomer acrylate(8:2 FTAC)	

	1996-88-9	8:2 Fluorotelomer methacrylate(8:2 FTMAC)	
	57678-03-2	8:2 Fluorotelomer phosphate monoester(8:2 monoPAP)	
	94200-45-0	Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl phosphate	
	93857-44-4	8:2 Fluorotelomer phosphate monoester ammonium salt	
	678-41-1	8:2 Fluorotelomer phosphate diester(8:2 diPAP)	
	-	8:2 Fluorotelomer stearate monoester(8:2 FTS)	
	-	8:2 Fluorotelomer sitrate triester	
	3102-79-2	Perfluorodecyldichloromethyl silane	
	74612-30-9	Perfluorodecyldimethylchloro silane	
	101947-16-4	Perfluorooctylethyltriethoxy silane	
	78560-44-8	Perfluorodecyltrichlorosilane	
	83048-65-1	Heptadecafluoro-1,1,2,2-tetrahydrodecyl) trimethoxy silane	
	325459-92-5	Tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl] phosphine	
	326475-46-1	bis[tris(4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl)phosphine] palladium(ii) dichloride	
	21652-58-4	8:2 Fluorotelomer olefin or 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decene(8:2 FTO)	
	2043-53-0	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododecane(8:2 FTI)	
	70887-84-2	2-Decenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hexadecafluoro-(8:2 FTUCA)	
	27854-31-5	Decanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-(8:2 FTCA)	
	865-86-1	1,1,2,2-Tetrahydroperfluoro dodecanol(10:2 FTOH)	
	17741-60-5	2-(Perfluorodecyl) ethyl acrylate(10:2 FTAC)	
	2144-54-9	2-(Perfluorodecyl) ethyl methacrylate(10:2 FTMAC)	
	57678-05-4	3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,11,11,12,12,12-heneicosafluoro-1-dodecanol,1-(dihydrogen phosphate)(10:2 monoPAP)	
	1895-26-7	bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10, 10,11,11,12,12,12-heneicosafluoro-1-dodecanol),hydrogen phosphate(10:2 diPAP)	
	30389-25-4	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-1-dodecene(10:2 FTO)	
	2043-54-1	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafluoro-12-iodododecan(10:2 FTI)	
	70887-94-4	3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-icosafluorododec-2-enoic acid(10:2 FTUCA)	
	53826-13-4	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafluorododecanoic acid(10:2 FTCA)	
	40143-79-1	Bis(perfluorooctyl) phosphinic acid(C8/C8-PFPIA)	
	610800-34-5	Bis(perfluorooctyl) phosphinic acid(C6/C8-PFPIA)	
	507-63-1	Perfluorooctyl iodide(PFOI)	
	39186-68-0	2-carboxyethylbis (2-hydroxyethyl)-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl) amino] propylammonium hydroxide	
	41358-63-8	N-[3-[bis(2-hydroxyethyl)amino]propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanamide	
	24216-05-5	3,4-bis[(2,2,3,3,4,4,5,5,6,6,7,7, 8,8,8-pentadecafluoro-1- oxooctyl)amino] benzenesulphonyl chloride or 3,4-Bis(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1- oxooctylamino) benzenesulfonyl chloride	
	53517-98-9	1-Propanaminium, N,N,N-trimethyl-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl) amino]-, chloride	
	85938-56-3 EINECS 288-891-4	N-(3-aminopropyl)-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanamide	
	89685-61-0	1-Propanesulfonic acid,3-[ethyl (2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-,sodium salt	
	84029-60-7	heptadecafluoro-1-	

		[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)oxy]nonene	
	335-66-0	Pentadecafluoro-octanoyl fluoride	
	376-27-2	Pentadecafluoro-octanoic acid methyl ester	
	3108-24-5	Pentadecafluoro-octanoic acid ethyl ester	
	33496-48-9	Pentadecafluorooctanoic anhydride	
	116984-14-6 17741-60-5 34362-49-7 4813-57-4 34395-24-9 65150-93-8	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, alpha-(2-methyl-1-1-oxo-2-2-propenyl)-omega-[(2-methyl1oxo-2-propenyl)oxy]poly(oxy-1, 2-ethanediyl), 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluorohexadecyl 2-propenoate, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-tritriacontafluorooctadecyl 2-propenoate(Co-polymer made by a mix where some are PFOA precursors)	
	68333-92-6	Fatty acids, C7-13, perfluoro	
	69278-80-4	Fatty acids, C7-13, perfluoro, compds. with ethylamine	
	72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts	
	72968-38-8	Carboxylic acids, C7-13, perfluoro, ammonium salts	
	90480-57-2	Octanoic acid, pentadecafluoro-,mixed esters with 2,2'-[1,4-butanediylbis(oxymethylene)]bis[oxirane] and 2,2'-[1,6-Hexanediylbis (oxymethylene)]bis[oxirane]	
	91032-01-8	Fatty acids, C7-19, perfluoro	
	90622-99-4	Amides, C7-19,alpha-omega-perfluoro-N,N- bis(hydroxyethyl)	
	95370-51-7	Carbamic acid, [2-(sulfothio)ethyl]-,C-(gamma-omega-perfluoro-C6-9-alkyl) esters, monosodium salts	
	148240-85-1	1,3-Propanediol, 2,2-bis(gamma-omega-perfluoro-C4-10-alkyl)thiomethyl derivs., phosphates, ammonium salts	
	148240-87-3	1,3-Propanediol, 2,2-bis(gamma-omega-perfluoro-C6-12-alkyl)thiomethyl derivs., phosphates, ammonium salts	
	71608-61-2	Pentanoic acid, 4,4-bis (gamma-omega-perfluoro- C8-20-alkyl)thio derivs., compds.with diethanolamine or 4,4-Bis[(γ-ω-perfluoro- alkyl (C=8-20)) thio] pentanoic acid derivs. compds.with diethanolamine	
	93480-00-3	Poly(oxy-1,2-ethanediyl),α-[2-[2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl] -ω-hydro	
	53515-73-4	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5,6, 6,7,7,8,8,8-pentadecafluorooctyl ester, polymer with 2- propenoic acid	
	65530-57-6	Poly(difluoromethylene), α-fluoro-ω-[2- [[2-(trimethylammonio)ethyl]thio]ethyl]-, methyl sulfate	
	65530-62-3	Poly(difluoromethylene), alpha,alpha- phosphinico bis(oxy-2,1-ethanediyl) bis-omega-fluoro-	
	65530-61-2	Poly(difluoromethylene),alpha-fluoro-omega-2-(phosphonooxy)ethyl-	
	80010-37-3	Poly(difluoromethylene),alpha-fluoro-omega-(2-sulfoethyl)-	
	90480-55-0	Branched perfluorooctanoic acid	
	90480-56-1	Ammonium salt, linear/branched PFOA (Octanoic acid, pentadecafluoro-, branched, ammonium salt)	
	-	Other PFOA related substances	
TA54	68937-41-7	Phenol, Isopropylated Phosphate (3:1) (PIP 3:1)	
TA55		deleted	
TA56		Perfluorocarboxylic acids containing C9 to C21 (C9-C21 PFCAs), their salts and C9-C21 PFCAs-related substances	
TA57		Perfluorohexane sulfonic acid(PFHxS), its salts and PFHxS-related substances	
TA58		MOAH : Mineral oil aromatic hydrocarbons comprising 1 to 7 aromatic rings or MOSH : Mineral oil saturated hydrocarbons comprising 16 to 35 carbon atoms	
TA59	13560-89-9 135821-03-3 135821-74-8	Dechlorane Plus “Dechlorane Plus” includes its syn-isomer and its anti-isomer.	

TA60	25973-55-1	UV-328	
TA61		Medium-chain chlorinated paraffins (MCCPs, containing C14 to 17 and chlorination levels at or exceeding 45 per cent chlorine by weight)	

Substances Contained within Delivered Products that Should be Reported(typical examples)

No.	CAS	Chemical substance name	Chemical formula
TB1	9002-86-2	**Polyvinylchloride(PVC) and its compounds**	$(CH_2CHCl)_n$
TB2		**Tetrabromo-bisphenol A(TBBPA,TBBA)**	
	79-94-7	Tetrabromo-bisphenol A	$C_{15}H_{12}Br_4O_2$
	30496-13-0	TBBA, unspecified	-
	40039-93-8	TBBA-epichlorhydrin oligomer	$(C_{15}H_{12}Br_4O_2.C_3H_5ClO)x$
	70682-74-5	TBBA-diglycidyl-ether oligomer	-
	28906-13-0	TBBA carbonate oligomer	$(C_{15}H_{12}Br_4O_2.CCl_2O)x$
	94334-64-2	TBBA carbonate oligomer,phenoxy end capped	$(C_7H_5O2)(C_{16}H_{10}Br_4O_3)x(C_6H_5O)$
	71342-77-3	TBBA carbonate oligomer,2,4,6-tribromo-phenolterminated	$(C_7H_2Br_3O_3)(C_{16}H_{10}Br_4O_3)n(C_6H_2Br_3)$
	32844-27-2	TBBA-bisphenol A-phosgene polymer	$(C_{15}H_{16}O_2.C_{15}H_{12}Br_4O_2.CCl_2O)x$
	21850-44-2	TBBA-(2,3-dibromo-propyl-ether)	$C_{21}H_{20}Br_8O_2$
	4162-45-2	TBBA bis-(2-hydroxy-ethyl-ether)	$C_{19}H_{20}Br_4O_4$
	25327-89-3	TBBA-bis-(allyl-ether)	$C_{21}H_{20}Br_4O_2$
	37853-61-5	TBBA-dimethyl-ether	$C_{17}H_{16}Br_4O_2$
TB3		**Brominated flame retardant (**except for TA5, TA6, TA48, TB2**)**	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(14) [Aliphatic/alicyclic brominated compounds]	ISO code 1043-4
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(15) [Aliphatic/alicyclic brominated compounds in combination with antimony compounds]	ISO code 1043-4
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(16) [Aromatic brominated compounds(excluding brominated diphenyl ether and biphenyls)]	ISO code 1043-4
		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]	ISO code 1043-4
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(22) [Aliphatic/alicyclic chlorinated and brominated compounds]	ISO code 1043-4
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(42) [Brominated organic phosphorus compounds]	ISO code 1043-4
	69882-11-7	Poly(2,6-dibromo-phenylene oxide)	$(C_6H_2Br_2O)x$
	58965-66-5	Tetra-decabromo-diphenoxy-benzene	$C_{18}Br_{14}O_2$
	37853-59-1	1,2-Bis(2,4,6-tribromo-phenoxy)ethane	$C_{14}H_8Br_6O_2$
	139638-58-7	Brominated epoxy resin end-capped with tribromophenol	-
	135229-48-0	Brominated epoxy resin end-capped with tribromophenol	-
	39635-79-5	Tetrabromo-bisphenol S	$C_{12}H_6Br_4O_4S$
	42757-55-1	TBBS-bis-(2,3-dibromo-propyl-ether)	$C_{18}H_{14}Br_8O_4S$
	615-58-7	2,4-Dibromo-phenol	$C_6H_4Br_2O$
	118-79-6	2,4,6-tribromo-phenol	$C_6H_3Br_3O$
	608-71-9	Pentabromo-phenol	C_6HBr_5O

	3278-89-5	2,4,6-Tribromo-phenyl-allyl-ether	$C_9H_7Br_3O$
	26762-91-4	Tribromo-phenyl-allyl-ether, unspecified	$C_9H_7Br_3O$
	25637-99-4 , 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α – HBCDD, β-HBCDD, γ-HBCDD)	$C_{12}H_{18}Br_6$
	31454-48-5	Tetrabromo-chyclo-octane	$C_8H_{12}Br_4$
	3322-93-8	1,2-Dibromo-4-(1,2dibromo-methyl)-cyclo-hexane	$C_8H_{12}Br_4$
	25357-79-3	TBPA Na salt	$C_8Br_4O_4Na_2$
	632-79-1	Tetrabromo phthalic anhydride	$C_8Br_4O_3$
	55481-60-2	Bis(methyl)tetrabromo-phtalate	$C_{10}H_6Br_4O_4$
	-	Phthalic acid, 3,4,5,6-tetrabromo-, dialkyl ester (C=6～23)	-
	20566-35-2	2-Hydroxy-propyl-2-(2-hydroxy-ethoxy)-ethyl-TBP	$C_{15}H_{16}Br_4O_7$
	75790-69-1	TBPA, glycol-and propylene-oxide esters	-
	32588-76-4	N,N'-Ethylene–bis (tetrabromo-phthalimide)	$C_{18}H_4Br_8N_2O_4$
	52907-07-0	Ethylene-bis(5,6-dibromo-norbornane-2,3-dicarboximide)	$C_{20}H_{20}Br_4N_2O_4$
	3234-02-4	2,3-Dibromo-2-butene-1,4-diol	$C_4H_6Br_2O_2$
	3296-90-0	Dibromo-neopentyl-glycol	$C_5H_{10}Br_2O_2$
	96-13-9	2,3-Dibromo-propanol	$C_3H_6Br_2O$
	36483-57-5	Tribromo-neopentyl-alcohol	$C_5H_9Br_3O$
	57137-10-7	Poly tribromo-styrene	-
	61368-34-1	Tribromo-styrene	$C_8H_5Br_3$
	171091-06-8	Dibromo-styrene grafted PP	-
	31780-26-4	Poly-dibromo-styrene	$C_8H_6Br_2$
	68955-41-9	Bromo-/Chloro-paraffins	-
	82600-56-4	Bromo-/Chloro-alpha-olefin	-
	593-60-2	Vinylbromide	C_2H_3Br
	52434-90-9	Tris-(2,3-dibromo-propyl)-isocyanurate	$C_{12}H_{15}Br_6N_3O_3$
	49690-63-3	Tris(2,4-Dibromo-phenyl) phosphate	$C_{18}H_9Br_6O_4P$
	19186-97-1	Tris(tribromo-neopentyl) phosphate	$C_{15}H_{24}Br_9O_4P$
	125997-20-8	Chlorinated and brominated phosphate esther	-
	87-83-2	Pentabromo-toluene	$C_7H_3Br_5$
	38521-51-6	Pentabromo-benzyl bromide	$C_7H_2Br_6$
	68441-46-3	1,3-Butadiene homopolymer,brominated	-
	59447-55-1	Pentabromo-benzyl-acrylate, monomer	$C_{10}H_5Br_5O_2$
	59447-57-3	Pentabromo-benzyl-acrylate, polymer	$(C_{10}H_5Br_5O_2)x$
	84852-53-9	Decabromo-diphenyl-ethane	$C_{14}H_4Br_{10}O_2$
	61262-53-1	Tribromo-bisphenyl-maleinimide	$C_{10}H_4Br_3NO_2$
	59789-51-4	Brominated trimethylphenyl-lindane	$C_{18}H_{13}Br_n$ (n=7,8)
	-	Other Brominated flame retardants	-
TB4		**Antimony and its compounds**	
	7440-36-0	Antimony	Sb
	10025-91-9	Antimony trichloride	$SbCl_3$
	1309-64-4	Antimony trioxide	Sb_2O_3
	1314-60-9	Antimony pentoxide	Sb_2O_5
	15432-85-6	Sodium antimony	Na_3O_4Sb
	-	Other antimony compounds	
TB5		**Arsenic and its compounds**	
	7440-38-2	Arsenic	As
	1303-00-0	Gallium arsenide	GaAs
	1303-28-2	Diaresenic pentoxide	As_2O_5
	1327-53-3	Diaresenic trioxide	As_2O_3
	7784-40-9	Lead hydrogen arsenate	$AsHO_4Pb$
	15606-95-8	Triethyl aresenate	$C_6H_{15}AsO_4$
	-	Other arsenic compounds	-
TB6		**Beryllium and its compounds**	

	7440-41-7	Beryllium	Be
	1304-56-9	Beryllium oxide	BeO
	-	Other Beryllium compounds	
TB7		**Bismuth and its compounds.**	
	7440-69-9	Bismuth	Bi
TB8		**Nickel and its compounds.**	
	1313-99-1	Nickel(II) oxide	NiO
	3333-67-3	Nickel(II) carbonate	$NiCO_3$
	7786-81-4	Nickel(II) sulfate	$NiSO_4$
	7440-02-0	Nickel	Ni
	-	Other nickel compounds	
TB9		**Some Phthalic Esters**	
	26761-40-0	Diisodecyl phthalate(DIDP)	$C_6H_4(COOC_{10}H_{21})_2$
	28553-12-0	Diisononyl phthalate(DINP)	$C_6H_4(COOC_9H_{19})_2$
	117-84-0	Di-n-octyl phthalate(DnOP)	$(C_6H_4)(COO(CH_2)_7CH_3)_2$
	84-61-7	Dicyclo hexyl phthalat (DCHP)	$C_{20}H_{26}O_4$
	84-66-2	Diethyl phthalat (DEP)	$C_{12}H_{14}O_4$
	41451-28-9	Diiso hepthyl phthalat (DIHP)	$C_{22}H_{34}O_4$
	117-82-8	Bis (2-methoxyethyl) phthalate	$C_{14}H_{18}O_6$
	605-50-5	Diiso penthyl phthalate	$C_{13}H_{16}O_4$
TB10		**Selenium and its compounds**	
	7782-49-2	Selenium	Se
	7783-00-8	Selenous acid	H_2SeO_3
	-	Other selenium compounds	
TB11		**Zinc and its compounds**	
	10025-64-6	Zinc perchlorate hexahydrate	$Zn(ClO_4)_2{\cdot}6H_2O$
	10139-47-6	Zinc Iodide	ZnI_2
	10196-18-6	Zinc nitrate hexahydrate	$Zn(NO_3)_2{\cdot}6H_2O$
	10361-95-2	Zinc chlorate	$Zn(ClO_3)_2$
	1313-49-1	Zinc nitride	Zn_3N_2
	1314-13-2	Zinc oxide	ZnO
	1314-84-7	Zinc phosphide	Zn_3P_2
	1314-98-3	Zinc sulfide	ZnS
	1315-11-3	Zinc telluride	ZnTe
	13530-65-9	Zinc chromate	CrO_4Zn
	13637-61-1	Zinc perchlorate	$Zn(ClO_4)_2$
	13814-87-4	Ammonium zinc sulfate	$(NH_4)_2Zn(SO_4)_2$
	13932-17-7	Potassium zinc sulfate	$K_2Zn(SO_4)_2$
	14485-28-0	Zinc phosphate,monobasic	$Zn(H_2PO_4)_2$
	14639-97-5	Zinc ammonium chloride	$(NH_4)_2[ZnCl_4]$
	15060-64-7	Zinc hypophoshite	$Zn(PH_2O_2)_2$
	16871-71-9	Zinc fluorosilicate	$Zn[SiF_6]$
	544-97-8	Dimethyl zinc	$Zn(CH_3)_2$
	557-20-0	Diethyl zinc	$Zn(C_2H_5)_2$
	557-21-1	Zinc cyanide	$Zn(CN)_2$
	557-34-6	Zinc acetate	$Zn(CH_3COO)_2$
	557-42-6	Zinc thiocyanate	$Zn(SCN)_2$
	5970-45-6	Zinc acetate dehydrate	$Zn(CH_3COO)_2{\cdot}2H_2O$
	73640-07-0	Zinc fluoride tetrahydrate	$ZnF_2{\cdot}4H_2O$
	7446-20-0	Sulfuric acid, zinc salt(1:1), Heptahydrate	$ZnSO_4{\cdot}7H_2O$
	7646-85-7	Zinc chloride	$ZnCl_2$
	7699-45-8	Zinc bromide	$ZnBr_2$
	7733-02-0	Zinc sulfate	$ZnSO_4$
	7779-86-4	Zinc hydrosulfite	ZnS_2O_4
	7779-88-6	Zinc nitrate	$Zn(NO_3)_2$
	7783-49-5	Zinc fluoride	ZnF_2

	77998-33-5	Ammonium zinc sulfate hydrate	$(NH_4)_2Zn(SO_4)_2{\cdot}6H_2O$
TB12		**Long chain chlorinated paraffins**	
		Long chain chlorinated paraffins (C18-30)	$CnH_2\,n+_2$-xClx (n：18-30)
TB13		**Cyanogen compounds.**	
	100-47-0	Benzonitrile	C_7H_5N
	107-13-1	Acrylonitrile	C_3H_3N
	109-78-4	Ethylene cyanohydrin	C_3H_5NO
	1194-65-6	2,6-Dichloro benzonitrile	$C_7H_3Cl_2N$
	13453-34-4	Thallium(I) cyanide	TlCN
	140-29-4	Phenyl acetonitrile	C_8H_7N
	143-33-9	Sodiumu cyanide	NaCN
	14763-77-0	Copper cyanide	$Cu(CN)_2$
	151-50-8	Potassium cyanide	KCN
	156-62-7	Calcium cyanamide	$CCaN_2$
	2035-66-7	Palladium(II) cyanide	$Pd(CN)_2$
	21159-32-0	Cesium cyanide	CsCN
	21725-46-2	Cyanazine	$C_9H_{13}ClN_6$
	420-04-2	Cyanamide	$NCNH_2$
	460-19-5	Cyanogen	$(CN)_2$
	506-64-9	Silvber cyanide	AgCN
	506-65-0	Gold(I) cyanide	AuCN
	506-68-3	Cyanogen bromide	CNBr
	506-77-4	Cyanogen chloride	CNCl
	506-78-5	Cyanogen iodide	CNI
	535-37-5	Gold(I)cyanide trihydrate	$Au(CN)_3{\cdot}3H_2O$
	535-37-5	Gold(I) cyanide	$Au(CN)_3$
	542-62-1	Barium cyanide	$Ba(CN)_2$
	542-83-6	Cadmium cyanide	$Cd(CN)_2$
	542-84-7	Cobalt(II) cyanide	$Co(CN)_2$
	544-92-3	Cuprous cyanide	CuCN
	557-19-7	Nickel cyanide	$Ni(CN)_2$
	557-21-1	Zinc cyanide	$Zn(CN)_2$
	592-01-8	Calcium cyanide	$Ca(CN)_2$
	592-04-1	Mercuric cyanide	$Hg(CN)_2$
	592-05-2	Lead cyanide	$Pb(CN)_2$
	592-06-3	Platinam(II) cyanide	$Pt(CN)_2$
	74-90-8	Hydrogen cyanide	HCN
	7677-24-9	Trimethylsilyl cyanide	$Si(CN)(CH_3)_3$
	917-61-3	Sodium cyanide	CNNaO
TB14		**Perfluorocarbon (PFC)**	
	115-25-3	Octafluorocyclobutane	C_4F_8
	307-34-6	Octadecafluorooctane, Perfluorooctane	C_8F_{18}
	335-57-9	PFC72,PFC-51-14	C_7F_{16}
	355-25-9	PFC218	C_4F_{10}
	355-42-0	Tetradecafluorohexane, Perfluorohexane	C_6F_{14}
	678-26-2	PFC410	C_5F_{12}
	75-73-0	Tetrafluoromethane	CF_4
	76-16-4	PFC14	C_2F_6
	76-19-7	PFC116	C_3F_8
TB15		**Hydrogenerated fluorocarbon (HFC)**	
	811-97-2	HFC-134a	CH_2FCF_3
	138495-42-8	HFC-43-10mee	$C_5H_2F_{10}$
	354-33-6	HFC-125	CHF_2CF_3,C_2HF_5
	407-59-0	HFC-356mff,HFC-356ffa	$C_4H_4F_6$
	420-46-2	HFC-143a	CH_3CF_3
	430-66-0	HFC-143	CHF_2CH_2F
	431-89-0	HFC-227ea	CF_3CHFCF_3,C_3HF_7

	679-86-7	HFC-245ca	$C_3H_3F_5$
	690-39-1	HFC-236fa	$C_3H_2F_6$
	75-10-5	HFC-32	CH_2F_2
	75-37-6	HFC-152a	CH_3CHF_2
	75-46-7	HFC-23	CHF_3
	593-53-3	HFC-41	CH_3F
	359-35-3	HFC-134	CHF_2CHF_2
	460-73-1	HFC-245fa	-
	-	HFC-125/143a/134a=44/52/4	-
	-	HFC-32/125/134a=20/40/40	-
	-	HFC-32/125/134a=23/25/52	-
	-	HFC-32/125=50/50	-
	-	HFC-32/125=45/55	-
	-	HFC-32/143a=50/50	-
	-	HFC-23/FC-116=39/61	-
	-	HFC-23/FC-116=46/54	-
TB16		**Halogenated additives (except for TA5, TA6, TA48, TB2, TB3)**	
	115-96-8	Tris (2-chloroethyl)phosphate	$C_6H_{12}Cl_3PO_4$
	21850-44-2	TBBA-(2,3-dibromo-propyl-ether)	$C_{21}H_{20}Br_8O_2$
	3194-55-6	1,2,5,6,9,10-Hexabromocyclodecane	$C_{12}H_{18}Br_6$
	79-27-6	1,1,2,2-Tetrabromoethane	$C_2H_2Br_4$
	79-94-7	Tetrabromo-bisphenol A(TBBA)	$C_{15}H_{12}Br_4O_2$
	87-82-1	Hexabromobenzene	C_6Br_6
	9002-84-0	Polytetrafuluoroethylene	$(C_2F_4)_n$
	75-25-2	Tribromomethane	$CHBr_3$
	118-79-6	2,4,6-Tribromo-Phenol	$C_6H_3Br_3O$
	4162-45-2	TBBA-bis(2-Hydroxy-ethyl-ether)	$C_{19}H_{20}Br_4O_4$
TB17		**Maganese and its compounds**	
	7439-96-5	Manganese	Mn
	10031-20-6	Manganese(II) bromide tetrahydrate	Mn $Br_2{\cdot}4H_2O$
	10034-96-5	Manganese(II) sulfate heptahydrate	$Mn(C_2O_4)\cdot 2H_2O$
	10043-84-2	Manganese hypophosphite	$Mn(PH_2O_2)_2$
	10101-50-5	Sodium permanganate	$NaMnO_4$
	10124-54-6	Manganese(III) phosphate hydrate	$MnPO_4{\cdot}H_2O$
	10170-69-1	Dimanganese decacarbonyl	$Mn_2(CO)_{10}$
	10377-66-9	Manganese(II) nitrate	$Mn(NO_3)_2$
	12005-95-7	Manganese arsenide	MnAs
	12032-78-9	Manganese phosphide	MnP
	12032-86-9	Manganese silicide	MnSi
	12032-88-1	Manganese telluride	MnTe
	12427-38-2	Maneb	$C_4H_6MnN_2S_4$
	12777-96-7	Manganese carbide	Mn_3C
	1313-13-9	Manganese(IV) oxide	MnO_2
	1313-22-0	Manganese monoselenide	MnSe
	1317-34-6	Manganese(III) oxide, 98%(assay); manganese trioxide	Mn_2O_3
	1317-35-7	Manganomanganic oxide; manganese tetra oxide; trimanganese tetraoxide; manganese(II,III) oxide; manganese oxide(II,III)	Mn_3O_4
	13224-08-3	Manganese(II) sulfate	$MnSO_4$
	1344-43-0	Manganese(II) oxide	MnO
	13446-03-2	Manganese(II) bromide	$MnBr_2$
	13446-34-9	Manganese(II) chloride tetrahydrate	$MnCl_2{\cdot}4H_2O$
	13566-22-8	Ammonium manganese sulfate	$Mn(NH_4)_2(SO_4)$
	13568-71-3	Manganese(II) sulfite	$MnSO_3$
	14154-9-7	Manganese(II) phosphate	$Mn_3(PO_4)_2$
	14284-89-0	Acetylacetone manganese(III) salt; Tris(2,4-pentanedionate)manganese;	$Mn(C_5H_7O_2)_3$
	15364-94-0	Manganese(II) perchlorate	$Mn(ClO_4)_2$

	17141-63-8	Manganese(II) nitrate hexahydrate	$Mn(NO_3)_2{\cdot}6H_2O$
	18820-29-6	Manganese sulfide	MnS
	598-62-9	Manganese(II) carbonate	$MnCO_3$
	6156-78-1	Manganese(II) acetate tetrahydrate	$Mn(CH_3COO)_2{\cdot}4H_2O$
	638-38-0	Manganese(II) acetate	$Mn(CH_3COO)_2$
	640-67-5	Manganese oxalate	$Mn(C_2O_4)$
	6556-16-7	Manganese(II) oxalate dehydrate	$Mn(C_2O_4){\cdot}2H_2O$
	7722-64-7	Potassium permanganate	$KMnO_4$
	7773-01-5	Manganese(II) chloride; Manganesedichloride	$MnCl_2$
	7782-64-1	Manganese difluoride	MnF_2
	7782-76-5	Manganese phosphate, dibasic	$MnHPO_4$
	7783-16-6	Manganese(II) hypophosphite monohydrate	$Mn(PH_2O_2)_2{\cdot}H_2O$
	7783-53-1	Manganese(III) fluoride	MnF_3
	7790-33-2	Manganese(II) iodide	MnI_2
	993-2-2	Manganese(III) acetate	$Mn(CH_3COO)_3$
	-	Other manganese compounds	$Mn(CH_3COO)_3$
TB18	-	**Organic Tin Compounds (**except for TA7, TA8, TA36, TA43**)**	-
TB19	2551-62-4	**Sulfur hexafluoride(SF6)**	F_6S
		REACH SVHC in Candidate List	
	101-77-9	4,4'- Diaminodiphenylmethane	$C_{13}H_{14}N_2$
	81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	$C_{12}H_{15}N_3O_6$
	85535-84-8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	CxH(2x-y+2)Cly x = 10-13 y = 1-13
	120-12-7	Anthracene	$C_{14}H_{10}$
	85-68-7	Benzyl butyl phthalate	$C_{19}H_{20}O_4$
	117-81-7	Bis (2-ethyl(hexyl)phthalate) (DEHP)	$C_{24}H_{38}O_4$
	56-35-9	Bis(tributyltin)oxide	$C_{24}H_{54}OSn_2$
	7646-79-9	Cobalt dichloride	CoC_{l2}
	1303-28-2	Diarsenic pentaoxide	As_2O_5
	1327-53-3	Diarsenic trioxide	As_2O_3
	84-74-2	Dibutyl phthalate	$C_{16}H_{22}O_4$
TB20	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD) (β -HBCDD) (γ-HBCDD)	$C_{12}H_{18}BR_6$
	7784-40-9	Lead hydrogen arsenate	$PbHAsO_4$
	7789-12-0	Sodium dichromate, dehydrate	$Na_2Cr_2O_7$
	15606-95-8	Triethyl arsenate	$C_6H_{15}O_4As$
	121-14-2	2,4-Dinitrotoluene	$C_7H_6N_2O_4$
		Aluminosilicate, Refractory Ceramic Fibres	
	90640-80-5	Anthracene oil	
	90640-82-7	Anthracene oil, anthracene-low	
	90640-81-6	Anthracene oil, anthracene paste	
	91995-15-2	Anthracene oil, anthracene paste, anthracene fraction	
	91995-17-4	Anthracene oil, anthracene paste, distn. Lights	
	84-69-5	Diisobutyl phthalate	$C_5H_9O_2$
	7758-97-6	Lead chromate	$PbCrO_4$
	12656-85-8	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	$PbCrO_4$
	1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	$PbCrO_4$
	65996-93-2	Coal tar pitch, high temperature	
	115-96-8	Tris(2-chloroethyl)phosphate	$C_6H_{12}Cl_3O_4P$
		Zirconia Aluminosilicate, Refractory Ceramic Fibres	
	79-06-1	Acrylamide	C_3H_5NO
	79-01-6	Trichloroethylene	C_2HCl_3

	10043-35-3 11113-50-1	Boric acid	BH_3O_3
	1303-96-4 1330-43-4 12179-04-3	Disodium tetraborate, anhydrous	$B_4O_7Na_2.\ 10H_2O$ $B_4Na_2O_7$ $B_4H_{10}Na_2O_{12}$
	12267-73-1	Tetraboron disodium heptaoxide, hydrate	$B_4Na_2O_7.xH_2O$
	7778-50-9	Potassium dichromate	$Cr_2K_2O_7$
	7789-9-5	Ammonium dichromate	$Cr_2H_8N_2O_7$
	7789-00-6	Potassium chromate	CrK_2O_4
	7775-11-3	Sodium chromate	$CrNa_2O_4$
	10124-43-3	Cobalt(II) sulphate	$CoSO_4$
	10141-05-6	Cobalt(II) dinitrate	CoN_2O_6
	513-79-1	Cobalt(II) carbonate	$CoCO_3$
	71-48-7	Cobalt(II) diacetate	$C_4H_6CoO_4$
	109-86-4	2-Methoxyethanol	$C_3H_8O_2$
	110-80-5	2-Ethoxyethanol	$C_4H_{10}O_2$
	1333-82-0	Chromium trioxide	CRO_3
	  7738-94-5 - 13530-68-2	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	 CRH_2O_4 - $CR_2H_2O_7$
	111-15-9	2-ethoxyethyl acetate	$C_6H_{12}O_3$
	7789-06-2	strontium chromate	CrO_4Sr
	68515-42-4	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	-
	7803-57-8 302-01-2	Hydrazine	H_4N_2
	872-50-4	1-methyl-2-pyrrolidone	C_5H_9NO
	96-18-4	1,2,3-trichloropropane	$C_3H_5Cl_3$
	71888-89-6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	-
	6477-64-1	Lead dipicrate	$C_{12}H_4N_6O_{14}Pb$
	15245-44-0	Lead styphnate	$C_6HN_3O_8Pb$
	13424-46-9	Lead diazide; Lead azide	N_6Pb
	77-09-8	Phenolphthalein	$C_{20}H_{14}O_4$
	101-14-4	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	$C_{13}H_{12}Cl_2N_2$
	127-19-5	N,N-dimethylacetamide (DMAC)	C_4H_9NO
	3687-31-8	Trilead diarsenate	$As_2O_8Pb_3$
	7778-44-1	Calcium arsenate	$As_2Ca_3O_8$
	7778-39-4	Arsenic acid	AsH_3O_4
	111-96-6	Bis(2-methoxyethyl) ether	$C_6H_{14}O_3$
	107-06-2	1,2-Dichloroethane; ethylene dichloride	$C_2H_4Cl_2$
	140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	$C_{14}H_{22}O$
	90-04-0	2-Methoxyaniline; o-Anisidine	C_7H_9NO
	117-82-8	Bis(2-methoxyethyl) phthalate	$C_{14}H_{18}O_6$
	25214-70-4	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	$(C_6H_7N.CH_2O)x$
	11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	$Cr_2HKO_9Zn_2$
	49663-84-5	Pentazinc chromate octahydroxide	$CrH_8O_{12}Zn_5$
	24613-89-6	Dichromium tris(chromate)	Cr_5O_{12}
	112-49-2	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	$C_8H_{18}O_4$
	110-71-4	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	$C_4H_{10}O_2$
	1303-86-2	Diboron trioxide	B_2O_3
	75-12-7	Formamide	CH_3NO
	17570-76-2	Lead(II) bis(methanesulfonate)	$C_2H_6O_6PbS_2$
	2451-62-9	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	$C_{12}H_{15}N_3O_6$
	59653-74-6	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	-
	90-94-8	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	$C_{17}H_{20}N_2O$

	101-61-1	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	$C_{17}H_{22}N_2$
	548-62-9	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	$C_{25}H_{30}N_3.Cl$
	2580-56-5	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	$C_{33}H_{32}N_3.Cl$
	6786-83-0	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	$C_{33}H_{33}N_3O$
	561-41-1	4,4'-bis(dimethylamino)-4"-(methylamino)trity	$C_{24}H_{29}N_3O$
	1163-19-5	Bis(pentabromophenyl) ether (DecaBDE)	$C_{12}Br_{10}O$
	72629-94-8	Pentacosafluorotridecanoic acid	$C_{13}HF_{25}O_2$
	307-55-1	Tricosafluorododecanoic acid	$C_{12}HF_{23}O_2$
	2058-94-8	Henicosafluoroundecanoic acid	$C_{11}HF_{21}O_2$
	376-06-7	Heptacosafluorotetradecanoic acid	$C_{14}HF_{27}O_2$
	-	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	$(C_2H_4O)n\ C_{14}H_{22}O$
	-	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	$C_{15}H_{24}O$
	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	$C_2H_4N_4O_2$
	85-42-7, 13149-00-3, 14166-21-3	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	$C_8H_{10}O_3$
	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic anhydride	$C_9H_{12}O_3$
	625-45-6	Methoxy acetic acid	$C_3H_6O_3$
	84777-06-0	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	$C_{18}H_{24}O_4$-2
	605-50-5	Diisopentylphthalate (DIPP)	$C_{13}H_{16}O_4$
	776297-69-9	N-pentyl-isopentylphtalate	$C_{18}H_{26}O_4$
	629-14-1	1,2-Diethoxyethane	$C_6H_{14}O_2$
	68-12-2	N,N-dimethylformamide; dimethyl formamide	C_3H_7NO
	683-18-1	Dibutyltin dichloride (DBT)	$C_8H_{18}Cl_2Sn$
	51404-69-4	Acetic acid, lead salt, basic	$C_2H_4O_3Pb$
	1319-46-6	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	$C_2H_2O_8Pb_3$
	12036-76-9	Lead oxide sulfate (basic lead sulfate)	O_5Pb_2S
	69011-06-9	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	$C_8H_4O_6Pb_3$
	12578-12-0	Dioxobis(stearato)trilead	$C_{36}H_{70}O_6Pb_3$
	91031-62-8	Fatty acids, C16-18, lead salts	-
	13814-96-5	Lead bis(tetrafluoroborate)	B_2F_8Pb
	20837-86-9	Lead cynamidate	CH_2N_2Pb
	10099-74-8	Lead dinitrate	N_2O_6Pb
	1317-36-8	Lead oxide (lead monoxide)	OPb
	1314-41-6	Lead tetroxide (orange lead)	O_4Pb_3
	12060-00-3	Lead titanium trioxide	O_3PbTi
	12626-81-2	Lead Titanium Zirconium Oxide	-
	12065-90-6	Pentalead tetraoxide sulphate	O_8Pb_5S
	8012-00-8	Pyrochlore, antimony lead yellow	-
	68784-75-8	Silicic acid, barium salt, lead-doped	-
	11120-22-2	Silicic acid, lead salt	O_3PbSi
	62229-08-7	Sulfurous acid, lead salt, dibasic	$H_2O_5Pb_2S$
	78-00-2	Tetraethyllead	$C_8H_{20}Pb$
	12202-17-4	Tetralead trioxide sulphate	O_7Pb_4S

	12141-20-7	Trilead dioxide phosphonate	HO_5PPb_3
	110-00-9	Furan	C_4H_4O
	75-56-9	Propylene oxide; 1,2-epoxypropane; methyloxirane	C_3H_6O
	64-67-5	Diethyl sulphate	$C_4H_{10}O_4S$
	77-78-1	Dimethyl sulphate	$C_2H_6O_4S$
	143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	$C_{11}H_{23}NO$
	88-85-7	Dinoseb	$C_{10}H_{12}N_2O_5$
	838-88-0	4,4'-methylenedi-o-toluidine	$C_{15}H_{18}N_2$
	101-80-4	4,4'-oxydianiline and its salts	$C_{12}H_{12}N_2O$
	60-09-3	4-Aminoazobenzene; 4-Phenylazoaniline	$C_{12}H_{11}N_3$
	95-80-7	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	$C_7H_{10}N_2$
	120-71-8	6-methoxy-m-toluidine (p-cresidine)	$C_8H_{11}NO$
	92-67-1	Biphenyl-4-ylamine	$C_{12}H_{11}N$
	97-56-3	o-aminoazotoluene	$C_{14}H_{15}N_3$
	95-53-4	o-Toluidine; 2-Aminotoluene	C_7H_9N
	79-16-3	N-methylacetamide	C_3H_7NO
	106-94-5	1-bromopropane; n-propyl bromide	C_3H_7Br
	7440-43-9	Cadmium	Cd
	1306-19-0	Cadmium oxide	CdO
	131-18-0	Dipentyl phthalate (DPP)	$C_{18}H_{26}O_4$
		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]	$(C_2H_4O)n\ C_{15}H_{24}O$
	3825-26-1	Ammonium pentadecafluorooctanoate (APFO)	$C_8H_4F_{15}NO_2$
	335-67-1	Pentadecafluorooctanoic acid (PFOA)	$C_8HF_{15}O_2$
	1306-23-6	Cadmium sulphide	-
	573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	$C_{32}H_{22}N_6Na_2O_6S_2$
	1937-37-7	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	$C_{34}H_{25}N_9Na_2O_7S_2$
	84-75-3	Dihexyl phthalate	$C_{20}H_{30}O_4$
	96-45-7	Imidazolidine-2-thione; 2-imidazoline-2-thiol	$C_3H_6N_2S$
	301-04-2	Lead di(acetate)	Pb(OCOCH3)2
	25155-23-1	Trixylyl phosphate	$C_{24}H_{27}O_4P$
	10108-64-2	Cadmium chloride	CdC_{l2}
	68515-50-4	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	$C_{20}H_{30}O_4$
	7632-04-4	Sodium peroxometaborate	$BNaO_3$
	-	Sodium perborate; perboric acid, sodium salt	-
	7790-79-6	Cadmium fluoride	CdF_2
	10124-36-4, 31119-53-6	Cadmium sulphate	CdO_4S
	3846-71-7	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	$C_{20}H_{25}N_3O$
	25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	$C_{22}H_{29}N_3O$
	15571-58-1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	$C_{36}H_{72}O_4S_2Sn$
	-	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)	-
	68515-51-5	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters;	-

	68648-93-1	1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	
		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]	-
	98-95-3	Nitrobenzene	
	3864-99-1	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	
	36437-37-3	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	
	1120- 71-4	1,3-Propanesultone	
	375-95-1 21049-39-8 4149-60-4	Perfluorononan-1-oic-acid and its sodium and ammonium saltspropanesultone	
	50-32-8	Benzo[def]chrysene （Benzo[a]pyrene）	$C_{20}H_{12}$
	80-05-7	4,4’-isopropylidenediphenol (bisphenol A; BPA)	
	335-76-2 3830-45-3 3108-42-7	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	
	80-46-6	p-(1,1-dimethylpropyl)phenol	
	—	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)	
	56-55-3 1718-53-2	Benz[a]anthracene	
	513-78-0	Cadmium carbonate	
	21041-95-2	Cadmium hydroxide	
	10022-68-1 10325-94-7	Cadmium nitrate	
	218-01-9 1719-03-5	Chrysene	$C_{18}H_{12}$
	-	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	
	-	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)	
	552-30-7	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	$C_9H_4O_5$
	191-24-2	Benzo[ghi]perylene	$C_{22}H_{12}$
	541-02-6	Decamethylcyclopentasiloxane (D5)	$C_{10}H_{30}O_5Si_5$
	84-61-7	Dicyclohexyl phthalate (DCHP)	$C_{20}H_{26}O_4$
	12008-41-2	Disodium octaborate	$B_8H_8Na_2O_{17}$
	540-97-6	Dodecamethylcyclohexasiloxane (D6)	$C_{12}H_{36}O_6Si_6$
	107-15-3	Ethylenediamine (EDA)	$C_2H_8N_2$
	7439-92-1	Lead	Pb
	556-67-2	Octamethylcyclotetrasiloxane (D4)	$C_8H_{24}O_4Si_4$
	61788-32-7	Terphenyl, hydrogenated	$C_{18}H_{22}$
	15087-24-8	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	$C_{17}H_{20}O$
	6807-17-6	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	$C_{18}H_{22}O_2$
	207-08-9	Benzo[k]fluoranthene	$C_{20}H_{12}$

	206-44-0 93951-69-0	Fluoranthene	$C_{16}H_{10}$
	85-01-8	Phenanthrene	$C_{14}H_{10}$
	129-00-0 1718-52-1	Pyrene	$C_{16}H_{10}$
	-	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-
	110-49-6	2-methoxyethyl acetate	-
	98-54-4	4-tert-butylphenol	-
	-	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-
	-	Perfluorobutane sulfonic acid (PFBS) and its salts	-
	71850-09-4	Diisohexyl phthalate	
	71868-10-5	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	
	119313-12-1	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	
	22673-19-4	Dibutylbis(pentane-2,4-dionato-O,O')tin	
	94-26-8	Butyl 4-hydroxybenzoate	
	693-98-1	2-methylimidazole	
	1072-63-5	1-vinylimidazole	
	143-24-8	Bis(2-(2-methoxyethoxy)ethyl)ether	
	-	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	
	-	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	
	13840-56-7	Orthoboric acid, sodium salt	
	3296-90-0 36483-57-5 1522-92-5 96-13-9	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	
	111-30-8	Glutaral	
	-	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)	
	-	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	
	123-91-1	1,4-dioxane	
	77-40-7	4,4'-(1-methylpropylidene)bisphenol	
	119-47-1	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	
	1067-53-4	tris(2-methoxyethoxy)vinylsilane	
		(±)-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)	
	255881-94-8	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	
	924-42-5	N-(hydroxymethyl)acrylamide	
	37853-59-1	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	
	79-94-7	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	
	80-09-1	4,4'-sulphonyldiphenol	
	13701-59-2	Barium diboron tetraoxide	
	-	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	

	4247-02-3	Isobutyl 4-hydroxybenzoate	
	108-78-1	Melamine	
	-	Perfluoroheptanoic acid and its salts	
	-	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	
	80-07-9	bis(4-chlorophenyl) sulphone	
	75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	
	3896-11-5	Bumetrizole (UV-326)	
	3147-75-9	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol (UV-329)	
	119344-86-4	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	
	732-26-3	2,4,6-tri-tert-butylphenol	
	68512-30-1	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	
	80-43-3	Bis(α,α-dimethylbenzyl) peroxide	
	115-86-6	Triphenyl phosphate (TPP)	
	107-51-7	Octamethyltrisiloxane	
	338-83-0	Perfluamine	
	597-82-0	O,O,O-triphenyl phosphorothioate	
	192268-65-8	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	
	2156592-54-8	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	
	17928- 28-8	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	
	141-62-8	decamethyltetrasiloxane	
	-	tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	
	84852-53-9	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene](DBDPE)	
	110-54-3	n-hexane	
	-	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts	
TB21		**Proposition 65 List of Chemicals**	-
TB22		**(deleted)**	
TB23		**Polycyclic Aromatic Hydrocarbon (PAH)**	
	218-01-9	Chrysene（CHY）	$C_{18}H_{12}$
	56-55-3	Benzo(a)anthracene（BAA）	$C_{18}H_{12}$
	205-99-2	Benzo(b)fluoranthene（BBF）	$C_{20}H_{12}$
	205-82-3	Benzo(j)fluoranthene（BJF）	$C_{20}H_{12}$
	207-08-9	Benzo(k)fluoranthene（BKF）	$C_{20}H_{12}$
	192-97-2	Benzo(e)pyrene（BEP）	$C_{20}H_{12}$
	50-32-8	Benzo(a)pyrene（BAP）	$C_{20}H_{12}$
	53-70-3	Dibenz(a,h)anthracene（DBA）	$C_{20}H_{12}$
	91-20-3	Naphthalene（NAP）	$C_{10}H_8$
	208-96-8	Acenaphthylene（ACL）	$C_{12}H_8$
	83-32-9	Acenaphthene（CAN）	$C_{12}H_{10}$
	86-73-7	Fluorene（FLR）	$C_{13}H_{10}$
	85-01-8	Phenanthrene（PHN）	$C_{14}H_{10}$
	120-12-7	Anthracene（ANT）	$C_{14}H_{10}$
	206-44-0	Fluoranthene（FLT）	$C_{16}H_{10}$
	129-00-0	Pyrene（PYR）	$C_{16}H_{10}$
	193-39-5	Indeno[1,2,3-c,d] pyrene（ICP）	$C_{22}H_{12}$
	191-24-2	Benzo[g,h,i]perylene（BGP）	$C_{22}H_{12}$

		PFCAs	
	76-05-1	Trifluoroacetic acid (TFA)	$C_2HF_3O_2$
	422-64-0	Perfluoropropionic acid (PFPrA)	$C_3HF_5O_2$
	375-22-4	Perfluorobutanoic acid (PFBA)	$C_4HF_7O_2$
	2706-90-3	Perfluoropentanoic acid (PFPeA)	$C_5HF_9O_2$
	307-24-4	Perfluorohexanoic acid (PFHxA)	$C_6HF_{11}O_2$
	375-85-9	Perfluoroheptanoic acid (PFHpA)	$C_7HF_{13}O_2$
TB24	375-95-1	Perfluorononanoic acid (PFNA)	$C_9HF_{17}O_2$
	335-76-2	Perfluorodecanoic acid (PFDA)	$C_{10}HF_{19}O_2$
	2058-94-8	Perfluoroundecanoic acid (PFUnDA)	$C_{11}HF_{21}O_2$
	307-55-1	Perfluorododecanoic acid (PFDoDA)	$C_{12}HF_{23}O_2$
	72629-94-8	Perfluorotridecanoic acid (PFTrDA)	$C_{13}HF_{25}O_2$
	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	$C_{14}HF_{27}O_2$
	67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	$C_{16}HF_{31}O_2$
	16517-11-6	Perfluorooctadecanoic acid (PFOcDA)	$C_{18}HF_{35}O_2$
		Benzidine and its salts	
TB25	92-87-5	Benzidine	$C_{12}H_{12}N_2$
	-	Benzidine salts	-
		Biphenyl-4-ylamine and its salts	
TB26	92-67-1	Biphenyl-4-ylamine	$C_{12}H_{11}N$
		Biphenyl-4-ylamine salts	-
		2-naphthylamine (β-Naphthylamine) and its salts	
TB27	91-59-8	2-naphthylamine (β-Naphthylamine)	$C_{10}H_9N$
	-	2-naphthylamine (β-Naphthylamine) salts	-
		Organic phosphorus compounds （limited to Parathion, Methyl Parathion, Methyl Demeton and EPN)	
	56-38-2	Parathion	$C_{10}H_{14}NO_5PS$
TB28	298-00-0	Methyl Parathion	$C_8H_{10}NO_5PS$
	919-86-8	Methyl Demeton	C6H15O3PS2
	2104-64-5	EPN	$C_{14}H_{14}NO_4PS$
TB29		**(deleted)**	
		Pentachlorophenol and its salts and its esters	
TB30	87-86-5	Pentachlorophenol	C_6HCl_5O
	-	Pentachlorophenol salts and esters	-
TB31		**Simazine**	-
	122-34-9	Simazine	$C_7H_{12}ClN_5$
TB32		Bisphenol A (limited to thermal paper containing over than 0.02wt%)	-
	80-05-7	Bisphenol A	$C_{15}H_{16}O_2$
		Small Brominated Alkyl Alcohols	
	96-13-9	2,3-dibromopropan-1-ol, 2,3-dibromo-1-propanol	
	96-21-9	1,3-dibromopropan-2-ol	
	106023-63-6	3-Bromo-2-(bromomethyl)-1-propanol	
	19398-47-1	1,4-dibromobutan-2-ol	
	79033-40-2	3,4-Dibromo-2-butanol	
TB33	4021-75-4	2,3-dibromobutan-1-ol	
	87018-30-2	3,4-Dibromo-1-butanol	
	35330-59-7	3,4-Dibromo-1,2-butanediol	
	14396-65-7	1,4-Dibromo-2,3-butanediol	
	855236-37-2	2,3,4-Tribromo-1-butanol	
	87018-38-0	1,2,4-Tribromo-3-butanol	
	105100-80-9	2,2-Bis(bromomethyl)-1-propanol	

	213821-22-8	4,5-Dibromo-2-pentanol	
	408319-76-6	1,2-Dibromo-3-pentanol	
	159475-15-7	1,4-dibromo-(R*,R*)-(9CI)-3-pentanol	
	343268-04-2	2,4-Dibromo-3-pentanol	
	76377-07-6	3,4-Dibromo-(2R*,3S*,4S*)-(9CI)-2-pentanol	
	59287-66-0	4,5-Dibromo-1-pentanol	
	856991-78-1	2,5-Dibromo-1-pentanol	
	100606-66-4	2-Pentanol, 1,5-dibromo-	
	213821-20-6	2,5-Dibromo-2-pentanol	
	98069-26-2	4-Bromo-2-(bromomethyl)-1-butanol	
	3296-90-0	2,2-bis(bromomethyl)propane-1,3-diol Synonyms: Dibromoneopentyl-glycol	
	44804-46-8	4-Bromo-2-(bromomethyl)-1,3-butanediol	
	1522-92-5	3-Bromo-2,2-bis(bromomethyl)-1-propanol	
	36483-57-5	2,2-dimethylpropan-1-ol,tribromo derivative Synonym: Tribromoneopentyl alcohol	
TB34		**Dechlorane A**	
	13560-89-9	Dechlorane A	$C_{18}H_{12}Cl_{12}$
TB35		**Tris(2-chloro-1-methylethyl) Phosphate**	
	13674-84-5	Tris(2-chloro-1-methylethyl) Phosphate	$C_9H_{18}C_{l3}O_4P$
TB36		IEC62474 Declarable substances	
TB37		**China Prioritized chemical inventory substances**	
		1st list	
	120-82-1	1,2,4-Trichlorobenzene	$C_6H_3Cl_3$
	106-99-0	1,3-Butadiene	C_4H_6
	81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	$C_{12}H_{15}N_3O_6$
	27417-40-9	N,N'-ditolyl-p-phenylenediamin	$C_{20}H_{20}N_2$
	85535-84-8 68920-70-7 71011-12-6 85536-22-7 85681-73-8 108171-26-2	Alkanes, chloro (Short Chain Chlorinated Paraffins)	CxH(2x-y+2)Cly x = 10-13 y = 1-13
	75-09-2	Dichloromethane	CH_2Cl_2
	7440-43-9	Cadmium and its compounds	-
	7439-97-6	Mercury and its compounds.	-
	50-00-0	Formaldehyde	CH_2O
	-	Hexavalent chromium compounds	-
	77-47-4	Hexachlorocyclopentadiene	C_5Cl_6
	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	Hexabromocyclododecanes (HBCDDs)	-
	91-20-3	Naphthalene（NAP）	$C_{10}H_8$
	-	Lead compounds	-
	1763-23-1 307-35-7 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3	Perfluorooctane Sulfonate(PFOS) and its salts and PFOSF	-

	251099-16-8		
	25154-52-3 84852-15-3 9016-45-9	nonyl phenyl and poly(oxyethylene) nonylphenyl ether	$C_{15}H_{24}O$
	67-66-3	Trichloromethane	$CHCl_3$
	79-01-6	Trichloroethylene	C2HCl3
	7440-38-2	Arsenic and its compounds	-
	1163-19-5	Bis(pentabromophenyl) ether (DecaBDE)	$C_{12}Br_{10}O$
	127-18-4	Tetrachloroethylene	C_2Cl_4
	75-07-0	Acetaldehyde	C_2H_4O
		2nd list	
	75-35-4 78-87-5	1,1-Dichloroethene 1,2-Dichloropropane	
	121-14-2	2,4-Dinitrotoluene	$C_7H_6N_2O_4$
	732-26-3	2,4,6-Tri-t-butylphenol	$C_{18}H_{30}O$
	71-43-2	Benzene	C_6H_6
		Polycyclic Aromatic Hydrocarbons containing the following substances	
	56-55-3	Benz[a]anthracene	$C_{18}H_{12}$
	218-01-9	Chrysene	$C_{18}H_{12}$
	50-32-8	Benzo(a)pyrene	$C_{20}H_{12}$
	205-99-2	Benzo(b)fluoranthene	$C_{20}H_{12}$
	207-08-9	Benzo(k)fluoranthene	$C_{20}H_{12}$
	120-12-7	Anthracene	$C_{14}H_{10}$
	53-70-3	Dibenz(a,h)anthracene	$C_{20}H_{12}$
	-	**Poly Chlorinated Dibenzo-p-Dioxins(PCDD), and Poly Chlorinated Dibenzo Furan(PCDF)**	
	108-88-3	Toluene	
	95-53-4	*o*-Toluidine	C_7H_9N
	115-96-8	Tris (2-chloroethyl)phosphate	$C_6H_{12}Cl_3PO_4$
	87-68-3	Hexachlorobutadiene	C_4Cl_6
		Chlorobenzenes containing the following substances	
	608-93-5	Pentachlorobenzene (PeCB)	C_6HCl_5
	118-74-1	Hexachlorobenzene	C_6Cl_6
	335-67-1	Perfluorooctanoic acid（PFOA） and its salts, and its related compounds	
	-	Cyanogen compounds	
	7440-28-0	Thallium and its compounds	
	87-86-5 131-52-2 27735-64-4 3772-94-9 1825-21-4	Pentachlorophenol and its salts, and its esters	
	133-49-3	Pentachlorothiophenol	
	68937-41-7	Isopropylated phenol	
TB38		**(deleted)**	
TB39		**BisphenolS （limited to thermal paper containing over than 0.02wt%）**	

	80-09-1	Bisphenol S	$C_{12}H_{10}O_4S$
TB40		(deleted)	
TB41		(deleted)	
TB42		**PBT substances based on TSCA Article 6 (h)**	
	732-26-3	2,4,6-Tri-t-butylphenol	$C_{18}H_{30}O$
	87-68-3	Hexachlorobutadiene	C_4Cl_6
	133-49-3	Pentachlorothiophenol (PCTP)	
TB43		Per- and PolyFluoroAlkyl Substances(PFAS)	
TB44		(deleted)	
TB45		(deleted)	