

## **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 ( $\beta$ -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 (191 substance ->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)

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

No.	CAS	Chemical substance name	Chemical formula
		<b>Lead and its compounds</b>	
TA1	7439-92-1	Lead	Pb
	598-63-0	Lead(II) carbonate	PbCO <sub>3</sub>
	1309-60-0	Lead(IV) oxide	PbO <sub>2</sub>
	1314-41-6	Lead(II,IV) oxide	Pb <sub>3</sub> O <sub>4</sub>
	1314-87-0	Lead(II) sulfide	PbS
	1317-36-8	Lead(II) oxide	PbO
	1319-46-6	Lead(II) carbonate basic	2PbCO <sub>3</sub> .Pb(OH) <sub>2</sub>
	1344-36-1	Lead Hydroxidcarbonate	2PbCO <sub>3</sub> .Pb(OH) <sub>2</sub>
	7446-14-2	Lead(II) sulfate	PbSO <sub>4</sub>
	7446-27-7	Lead(II) phosphate	Pb <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>
	7758-97-6	Lead(II) chromate	PbCrO <sub>4</sub>
	12060-00-3	Lead(II) titanate	PbTiO <sub>3</sub>
	15739-80-7	Lead sulfate,sulphuric acid,lead salts	PbSO <sub>4</sub>
	12202-17-4	Lead sulfate,tribasic	PbSO <sub>4</sub> .H <sub>2</sub> O
	1072-35-1	Lead stearate	Pb(C <sub>17</sub> H <sub>35</sub> COO) <sub>2</sub>
	56189-09-4	Lead stearate,dibasic	2PbO.Pb(C <sub>17</sub> H <sub>35</sub> COO) <sub>2</sub>
	12656-85-8	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	PbCrO <sub>4</sub> , PbMoO <sub>4</sub> , PbSO <sub>4</sub>
1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	Pb(Cr,S)O <sub>4</sub>	
-	Other lead compounds	-	
		<b>Mercury and its compounds.</b>	
TA2	7439-97-6	Mercury	Hg
	7487-94-7	Mercury(II) chloride	HgCl <sub>2</sub>
	21908-53-2	Mercury(II) oxide	HgO
	-	Other mercury compounds	-
		<b>Hexavalent chromium compounds</b>	
TA3	7789-12-0	Sodium dichromate	Na <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>
	10588-01-9		
	1333-82-0	Chromium(VI) oxide	CrO <sub>3</sub>
	13765-19-0	Calcium chromate	CaCrO <sub>4</sub>
	7758-97-6	Lead (II) chromate	PbCrO <sub>4</sub>
	7778-50-9	Potassium dichromate	K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>
	7789-00-6	Potassium chromate	K <sub>2</sub> CrO <sub>4</sub>
-	Other hexavalent chromium compounds		
		<b>Cadmium and its compounds</b>	
TA4	7440-43-9	Cadmium	Cd
	1306-19-0	Cadmium oxide	CdO
	1306-23-6	Cadmium sulfide	CdS
	10108-64-2	Cadmium chloride	CdCl <sub>2</sub>
	10124-36-4	Cadmium sulfate	CdSO <sub>4</sub>
	-	Other cadmium compounds	-
		<b>Polybrominated biphenyls (PBBs)</b>	
TA5	59536-65-1	Polybrominated biphenyls	C <sub>12</sub> H <sub>x</sub> Br <sub>(10-x)</sub>
	-	Other polybrominated biphenyls	-
		<b>Polybrominated diphenyl ethers (PBDEs)</b>	
TA6	1163-19-5	Polybrominated diphenyl ethers	C <sub>12</sub> H <sub>x</sub> Br <sub>(10-x)</sub> O
	-	Other Polybrominated diphenyl ethers	-
		<b>Bis(tributyltin)oxide</b>	
TA7	56-35-9	Bis(Tri-n-butyltin)oxide	O(Sn(C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> ) <sub>2</sub>
		<b>Tri-substituted organostannic compounds (Tributyltins (TBTs) , Tripheniltins (TPTs) , etc. ,except TBTO(Ref. No.TA7))</b>	
TA8	1803-12-9	Triphenyltin N,N'-dimethyldithiocarbamate	(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> Sn(CH <sub>3</sub> ) <sub>2</sub> NCS <sub>2</sub>

	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		<b>Polychlorinatedbiphenyls (PCBs)/ Polychlorinated terphenyls (PCTs)</b>	
	1336-36-3	PCB(Polychlorinated biphenyls)	$C_{12}H_nCl_{(10-n)}$ (n: 0-9)
	61788-33-8	PCT(Polychlorinated terphenyls)	$C_{18}H_nCl_{(14-n)}$ (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		<b>Polychlorinated naphthalene(with1 or more chlorine atoms)</b>	
	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		<b>Short chain chlorinated paraffins</b>	
	85535-84-8	Short chain chlorinated paraffins(C10-13)	$C_nH_{2n+2-x}Cl_x$ (n:10-13)
TA12		<b>Asbestos</b>	
	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	Anthophyllite	$(Mg, Fe)_7Si_8O_{22}(OH)_2$
	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		<b>Azo pigments and dyes. (those able to form certain amines)</b>	
	60-09-3	4-Aminoazobenzene	$C_{12}H_{11}N_3$

	90-04-0	<i>o</i> -Anisidine	C <sub>7</sub> H <sub>9</sub> NO
	91-59-8	2-Naphthylamine (β-Naphthylamine)	C <sub>10</sub> H <sub>9</sub> N
	91-94-1	3,3'-Dichlorobenzidine	C <sub>12</sub> H <sub>10</sub> C <sub>12</sub> N <sub>2</sub>
	92-67-1	4-Biphenylamine	C <sub>12</sub> H <sub>11</sub> N
	92-87-5	Benzidine	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub>
	95-53-4	<i>o</i> -Toluidine	C <sub>7</sub> H <sub>9</sub> N
	95-69-2	4-Chloro- <i>o</i> -toluidine	C <sub>7</sub> H <sub>8</sub> CIN
	95-80-7	2,4-Toluendiamine	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub>
	97-56-3	<i>o</i> -Aminoazotoluene	C <sub>14</sub> H <sub>15</sub> N <sub>3</sub>
	99-55-8	5-Nitro- <i>o</i> -toluidine	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub>
	101-14-4	3,3'-Dichloro-4,4'-diaminodiphenylmethan	C <sub>13</sub> H <sub>12</sub> C <sub>12</sub> N <sub>2</sub>
	101-77-9	4,4'-Methylenedianiline	C <sub>13</sub> H <sub>14</sub> N <sub>2</sub>
	101-80-4	4,4'-Diaminodiphenylether	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O
	106-47-8	<i>p</i> -Chloroaniline	C <sub>6</sub> H <sub>6</sub> CIN
	119-90-4	3,3'-Dimethoxybenzidine	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
	119-93-7	3,3'-Dimethylbenzidine	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub>
	120-71-8	2-Methoxy-5-methylaniline	C <sub>8</sub> H <sub>11</sub> NO
	137-17-7	2,4,5-Trimethylaniline	C <sub>9</sub> H <sub>13</sub> N
	139-65-1	4,4'-Thiodianiline	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> S
	615-05-4	4-Methoxy- <i>m</i> -phenylenediamine	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O
	838-88-0	4,4'-Diamino-3,3'-dimethyldiphenylmethane	C <sub>15</sub> H <sub>18</sub> N <sub>2</sub>
		<b>Ozone Depleting Substances</b>	
TA14	75-69-4	CFC-11	CFCl <sub>3</sub>
	75-71-8	CFC-12	CF <sub>2</sub> Cl <sub>2</sub>
	76-13-1	CFC-113	C <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>
	76-14-2	CFC-114	C <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>
	76-15-3	CFC-115	C <sub>2</sub> F <sub>5</sub> Cl
	353-59-3	Halon1211	CF <sub>2</sub> BrCl
	75-63-8	Halon1301	CF <sub>3</sub> Br
	124-73-2	Halon2402	C <sub>2</sub> F <sub>4</sub> Br <sub>2</sub>
	75-72-9	CFC-13	CF <sub>3</sub> Cl
	354-56-3	CFC-111	C <sub>2</sub> FCI <sub>5</sub>
	76-12-0	CFC-112	C <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub>
	422-78-6	CFC-211	C <sub>3</sub> FCI <sub>7</sub>
	3182-26-1	CFC-212	C <sub>3</sub> F <sub>2</sub> Cl <sub>6</sub>
	2354-06-5	CFC-213	C <sub>3</sub> F <sub>3</sub> Cl <sub>5</sub>
	2268-46-4	CFC-214	C <sub>3</sub> F <sub>4</sub> Cl <sub>4</sub>
	76-17-5	CFC-215	C <sub>3</sub> F <sub>5</sub> Cl <sub>3</sub>
	661-97-2	CFC-216	C <sub>3</sub> F <sub>6</sub> Cl <sub>2</sub>
	422-86-6	CFC-217	C <sub>3</sub> F <sub>7</sub> Cl
	56-23-5	Carbon tetrachloride	CCl <sub>4</sub>
	71-55-6	1,1,1-Trichloroethane	C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>
	1868-53-7	Dibromofluoromethane	CHFBr <sub>2</sub>
	1511-62-2	Bromodifluoromethane	CHF <sub>2</sub> Br
	373-52-4	Bromofluoromethane	CH <sub>2</sub> FBr
	306-80-9	Tetrabromofluoroethane	C <sub>2</sub> HFBr <sub>4</sub>
	-	Tribromodifluoroethane	C <sub>2</sub> HF <sub>2</sub> Br <sub>3</sub>
	354-04-1	Dibromotrifluoroethane	C <sub>2</sub> HF <sub>3</sub> Br <sub>2</sub>
	124-72-1	Bromotetrafluoroethane	C <sub>2</sub> HF <sub>4</sub> Br
	-	Tribromofluoroethane	C <sub>2</sub> H <sub>2</sub> FBr <sub>3</sub>
	75-82-1	Dibromodifluoroethane	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>2</sub>
	421-06-7	Bromotrifluoroethane	C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub>
	358-97-4	Dibromofluoroethane	C <sub>2</sub> H <sub>3</sub> FBr <sub>2</sub>
	359-07-9	Bromodifluoroethane	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Br
	762-49-2	Bromofluoroethane	C <sub>2</sub> H <sub>4</sub> FBr
-	Hexabromofluoropropane	C <sub>3</sub> HFBr <sub>6</sub>	
-	Pentabromodifluoropropane	C <sub>3</sub> HF <sub>2</sub> Br <sub>5</sub>	

-	Tetrabromotrifluoropropane	C <sub>3</sub> HF <sub>3</sub> Br <sub>4</sub>
-	Tribromotetrafluoropropane	C <sub>3</sub> HF <sub>4</sub> Br <sub>3</sub>
431-78-7	Dibromopentafluoropropane	C <sub>3</sub> HF <sub>5</sub> Br <sub>2</sub>
2252-79-1	Bromohexafluoropropane	C <sub>3</sub> HF <sub>8</sub> Br
-	Pentabromofluoropropane	C <sub>3</sub> H <sub>2</sub> FBr <sub>5</sub>
-	Tetrabromodifluoropropane	C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Br <sub>4</sub>
-	Tribromotrifluoropropane	C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Br <sub>3</sub>
-	Dibromotetrafluoropropane	C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Br <sub>2</sub>
460-88-8	Bromopentafluoropropane	C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Br
-	Tetrabromofluoropropane	C <sub>3</sub> H <sub>3</sub> FBr <sub>4</sub>
70192-80-2	Tribromodifluoropropane	C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Br <sub>3</sub>
70192-83-5	Dibromotrifluoropropane	C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Br <sub>2</sub>
679-84-5	Bromotetrafluoropropane	C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Br
75372-14-4	Tribromofluoropropane	C <sub>3</sub> H <sub>4</sub> FBr <sub>3</sub>
460-25-3	Dibromodifluoropropane	C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Br <sub>2</sub>
421-46-5	Bromotrifluoropropane	C <sub>3</sub> H <sub>4</sub> F <sub>3</sub> Br
51584-26-0	Dibromofluoropropane	C <sub>3</sub> H <sub>5</sub> FBr <sub>2</sub>
-	Bromodifluoropropane	C <sub>3</sub> H <sub>5</sub> F <sub>2</sub> Br
352-91-0	Bromofluoropropane	C <sub>3</sub> H <sub>6</sub> FBr
74-97-5	Chlorobromomethane	CH <sub>2</sub> BrCl
74-83-9	Methylbromide	CH <sub>3</sub> Br
75-43-4	HCFC-21	CHFCl <sub>2</sub>
75-45-6	HCFC-22	CHF <sub>2</sub> Cl
593-70-4	HCFC-31	CH <sub>2</sub> FCl
134237-32-4	HCFC121	C <sub>2</sub> HFCl <sub>4</sub>
41834-16-6	HCFC-122	C <sub>2</sub> HF <sub>2</sub> Cl <sub>3</sub>
34077-87-7	HCFC-123	C <sub>2</sub> HF <sub>3</sub> Cl <sub>2</sub>
306-83-2	HCFC-123	CHCl <sub>2</sub> CF <sub>3</sub>
63938-10-3	HCFC-124	C <sub>2</sub> HF <sub>4</sub> Cl
2837-89-0	HCFC-124	CHFClCF <sub>3</sub>
134237-34-6	HCFC-131	C <sub>2</sub> H <sub>2</sub> FCl <sub>3</sub>
25915-78-0	HCFC-132	C <sub>2</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>2</sub>
75-88-7	HCFC-133	C <sub>2</sub> H <sub>2</sub> F <sub>3</sub> Cl
25167-88-8	HCFC-141	C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub>
1717-00-6	HCFC-141(b)	C <sub>2</sub> H <sub>3</sub> FCl <sub>2</sub>
25497-29-4	HCFC-142	C <sub>2</sub> H <sub>3</sub> F <sub>2</sub> Cl
75-68-3	HCFC-142(b)	CH <sub>3</sub> CF <sub>2</sub> Cl
1615-75-4	HCFC-151	C <sub>2</sub> H <sub>4</sub> FCl
134237-35-7	HCFC-221	C <sub>3</sub> HFCl <sub>6</sub>
134237-36-8	HCFC-222	C <sub>3</sub> HF <sub>2</sub> Cl <sub>5</sub>
134237-37-9	HCFC-223	C <sub>3</sub> HF <sub>3</sub> Cl <sub>4</sub>
134237-38-0	HCFC-224	C <sub>2</sub> HF <sub>4</sub> Cl <sub>3</sub>
127564-92-5	HCFC-225	C <sub>3</sub> HF <sub>5</sub> Cl <sub>2</sub>
422-56-0	HCFC-225 ca	CF <sub>3</sub> CF <sub>2</sub> CHCl <sub>2</sub>
507-55-1	HCFC-225 cb	CF <sub>2</sub> CICF <sub>2</sub> CHClF
134308-72-8	HCFC-226	C <sub>3</sub> HF <sub>6</sub> Cl
134190-48-0	HCFC-231	C <sub>3</sub> H <sub>2</sub> FCl <sub>5</sub>
134237-39-1	HCFC-232	C <sub>3</sub> H <sub>2</sub> F <sub>2</sub> Cl <sub>4</sub>
134237-40-4	HCFC-233	C <sub>3</sub> H <sub>2</sub> F <sub>3</sub> Cl <sub>3</sub>
127564-83-4	HCFC-234	C <sub>3</sub> H <sub>2</sub> F <sub>4</sub> Cl <sub>2</sub>
134237-41-5	HCFC-235	C <sub>3</sub> H <sub>2</sub> F <sub>5</sub> Cl
134190-49-1	HCFC-241	C <sub>3</sub> H <sub>3</sub> FCl <sub>4</sub>
134237-42-6	HCFC-242	C <sub>3</sub> H <sub>3</sub> F <sub>2</sub> Cl <sub>3</sub>
134237-43-7	HCFC-243	C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> Cl <sub>2</sub>
134190-50-4	HCFC-244	C <sub>3</sub> H <sub>3</sub> F <sub>4</sub> Cl
134190-51-5	HCFC-251	C <sub>3</sub> H <sub>4</sub> FCl <sub>3</sub>
134190-52-6	HCFC-252	C <sub>3</sub> H <sub>4</sub> F <sub>2</sub> Cl <sub>2</sub>

	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	$C_2H_2F_3Cl$
		<b>Radioactive substances</b>	
TA15	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		<b>Yellow Phosphorus (except for a semiconductor) And Red Phosphorus</b>	
	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	<b>2-benzotriazol-2-yl-4,6-di-tert-butyl-phenol</b>	$C_{20}H_{25}N_3O$
A34		<b>Perfluorooctane Sulfonate(PFOS) and its salts</b>	$C_8F_{17}SO_2X$
	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	<b>Dimethylfumarate(DMF)</b>	$C_6H_8O_4$
TA36		<b>Dibutyltin (DBT) compounds</b>	
	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		<b>Diocetyl Tin (DOT) compounds</b>	



	870-08-6	Diocetyl Tin Oxide	
	3648-18-8	Diocetyl tin dilaurate	
	-	Other Diocetyl tin compounds	
TA44		deleted	
TA45		deleted	
TA46		deleted	
TA47		deleted	
		<b>Hexabromocyclododecanes (HBCDDs)</b>	-
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 ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	$C_{12}H_{18}Br_6$
TA49	117-81-7	<b>Bis(2-ethylhexyl)phthalate) (DEHP)</b>	$C_{24}H_{38}O_4$
TA50	84-74-2	<b>Dibutyl phthalate (DBP)</b>	$C_{16}H_{22}O_4$
TA51	85-68-7	<b>Butyl benzyl phthalate (BBP)</b>	$C_{19}H_{20}O_4$
TA52	84-69-5	<b>Diisobutyl phthalate (DIBP)</b>	$C_{16}H_{22}O_4$
TA53		<b>Perfluorooctanoic acid (PFOA) , its salts</b>	
	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, 2,2,3,3,4,5,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	
1144512-35-5	Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-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, 2,2,3,3,4,4,5,5,6,6,7,7,7-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, 2,2,3,3,4,4,5,5,6,6,7,7,7-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, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, ammonium salt (1:1)	
61436-04-2	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, iron salt (1:x)	
29457-73-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, potassium salt (1:1)	
18017-22-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, sodium salt (1:1)	
15739-82-9	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, chromium salt (1:x)	
15715-47-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (3:1)	
-	Other Perfluorooctanoic Acid (PFOA) salts	
	<b>PFOA related substances</b>	
-	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-iodododecane(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-heneicosafuoro-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-heneicosafuoro-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-heneicosafuoro-1-dodecane(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-heneicosafuoro-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-icosafuorododec-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-henicosafuorododecanoic 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-heneicosfluorododecyl 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-methyl 1 oxo-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-nonacosfluorohexadecyl 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-pentacosfluorotetradecyl 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-tritriacontadecafluorooctadecyl 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[(gamma-omega-perfluoro- alkyl (C=8-20)) thio] pentanoic acid derivs. compds. with diethanolamine	
	93480-00-3	Poly(oxy-1,2-ethanediyl), alpha-[2-[2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-omega-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), alpha-fluoro-omega-[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	133-49-3	Pentachlorothiophenol (PCTP)	
TA56		Perfluorocarboxylic acids containing C9 to C14 (C9-C14 PFCAs), their salts and C9-C14 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	
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	

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

No.	CAS	Chemical substance name	Chemical formula
TB1	9002-86-2	<b>Polyvinylchloride(PVC) and its compounds</b>	$(\text{CH}_2\text{CHCl})_n$
TB2		<b>Tetrabromo-bisphenol A(TBBPA,TBBA)</b>	
	79-94-7	Tetrabromo-bisphenol A	$\text{C}_{15}\text{H}_{12}\text{Br}_4\text{O}_2$
	30496-13-0	TBBA, unspecified	-
	40039-93-8	TBBA-epichlorhydrin oligomer	$(\text{C}_{15}\text{H}_{12}\text{Br}_4\text{O}_2.\text{C}_3\text{H}_5\text{ClO})_x$
	70682-74-5	TBBA-diglycidyl-ether oligomer	-
	28906-13-0	TBBA carbonate oligomer	$(\text{C}_{15}\text{H}_{12}\text{Br}_4\text{O}_2.\text{CCl}_2\text{O})_x$
	94334-64-2	TBBA carbonate oligomer,phenoxy end capped	$(\text{C}_7\text{H}_5\text{O}_2)(\text{C}_{16}\text{H}_{10}\text{Br}_4\text{O}_3)_x(\text{C}_6\text{H}_5\text{O})$
	71342-77-3	TBBA carbonate oligomer,2,4,6-tribromo-phenolterminated	$(\text{C}_7\text{H}_2\text{Br}_3\text{O}_3)(\text{C}_{16}\text{H}_{10}\text{Br}_4\text{O}_3)_n(\text{C}_6\text{H}_2\text{Br}_3)$
	32844-27-2	TBBA-bisphenol A-phosgene polymer	$(\text{C}_{15}\text{H}_{16}\text{O}_2.\text{C}_{15}\text{H}_{12}\text{Br}_4\text{O}_2.\text{CCl}_2\text{O})_x$
	21850-44-2	TBBA-(2,3-dibromo-propyl-ether)	$\text{C}_{21}\text{H}_{20}\text{Br}_8\text{O}_2$
	4162-45-2	TBBA bis-(2-hydroxy-ethyl-ether)	$\text{C}_{19}\text{H}_{20}\text{Br}_4\text{O}_4$
	25327-89-3	TBBA-bis-(allyl-ether)	$\text{C}_{21}\text{H}_{20}\text{Br}_4\text{O}_2$
37853-61-5	TBBA-dimethyl-ether	$\text{C}_{17}\text{H}_{16}\text{Br}_4\text{O}_2$	
TB3		<b>Brominated flame retardant (except for TA5, TA6, TA48, TB2)</b>	
		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)	$(\text{C}_6\text{H}_2\text{Br}_2\text{O})_x$
	58965-66-5	Tetra-decabromo-diphenoxy-benzene	$\text{C}_{18}\text{Br}_{14}\text{O}_2$
	37853-59-1	1,2-Bis(2,4,6-tribromo-phenoxy)ethane	$\text{C}_{14}\text{H}_8\text{Br}_6\text{O}_2$
	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	$\text{C}_{12}\text{H}_6\text{Br}_4\text{O}_4\text{S}$
	42757-55-1	TBBS-bis-(2,3-dibromo-propyl-ether)	$\text{C}_{18}\text{H}_{14}\text{Br}_8\text{O}_4\text{S}$
	615-58-7	2,4-Dibromo-phenol	$\text{C}_6\text{H}_4\text{Br}_2\text{O}$
	118-79-6	2,4,6-tribromo-phenol	$\text{C}_6\text{H}_3\text{Br}_3\text{O}$
	608-71-9	Pentabromo-phenol	$\text{C}_6\text{HBr}_5\text{O}$
	3278-89-5	2,4,6-Tribromo-phenyl-allyl-ether	$\text{C}_9\text{H}_7\text{Br}_3\text{O}$
	26762-91-4	Tribromo-phenyl-allyl-ether, unspecified	$\text{C}_9\text{H}_7\text{Br}_3\text{O}$
	25637-99-4 ,	Hexabromocyclododecane (HBCDD) and all major diastereoisomers	$\text{C}_{12}\text{H}_{18}\text{Br}_6$

	3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	identified ( $\alpha$ – HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	
	31454-48-5	Tetrabromo-chyclo-octane	C <sub>8</sub> H <sub>12</sub> Br <sub>4</sub>
	3322-93-8	1,2-Dibromo-4-(1,2dibromo-methyl)-cyclo-hexane	C <sub>8</sub> H <sub>12</sub> Br <sub>4</sub>
	25357-79-3	TBPA Na salt	C <sub>8</sub> Br <sub>4</sub> O <sub>4</sub> Na <sub>2</sub>
	632-79-1	Tetrabromo phthalic anhydride	C <sub>8</sub> Br <sub>4</sub> O <sub>3</sub>
	55481-60-2	Bis(methyl)tetrabromo-phtalate	C <sub>10</sub> H <sub>6</sub> Br <sub>4</sub> O <sub>4</sub>
	-	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 <sub>15</sub> H <sub>16</sub> Br <sub>4</sub> O <sub>7</sub>
	75790-69-1	TBPA, glycol-and propylene-oxide esters	-
	32588-76-4	N,N'-Ethylene-bis (tetrabromo-phthalimide)	C <sub>18</sub> H <sub>4</sub> Br <sub>8</sub> N <sub>2</sub> O <sub>4</sub>
	52907-07-0	Ethylene-bis(5,6-dibromo-norbormane-2,3-dicarboximide)	C <sub>20</sub> H <sub>20</sub> Br <sub>4</sub> N <sub>2</sub> O <sub>4</sub>
	3234-02-4	2,3-Dibromo-2-butene-1,4-diol	C <sub>4</sub> H <sub>6</sub> Br <sub>2</sub> O <sub>2</sub>
	3296-90-0	Dibromo-neopentyl-glycol	C <sub>5</sub> H <sub>10</sub> Br <sub>2</sub> O <sub>2</sub>
	96-13-9	2,3-Dibromo-propanol	C <sub>3</sub> H <sub>6</sub> Br <sub>2</sub> O
	36483-57-5	Tribromo-neopentyl-alcohol	C <sub>5</sub> H <sub>9</sub> Br <sub>3</sub> O
	57137-10-7	Poly tribromo-styrene	-
	61368-34-1	Tribromo-styrene	C <sub>8</sub> H <sub>5</sub> Br <sub>3</sub>
	171091-06-8	Dibromo-styrene grafted PP	-
	31780-26-4	Poly-dibromo-styrene	C <sub>8</sub> H <sub>6</sub> Br <sub>2</sub>
	68955-41-9	Bromo-/Chloro-paraffins	-
	82600-56-4	Bromo-/Chloro-alpha-olefin	-
	593-60-2	Vinylbromide	C <sub>2</sub> H <sub>3</sub> Br
	52434-90-9	Tris-(2,3-dibromo-propyl)-isocyanurate	C <sub>12</sub> H <sub>15</sub> Br <sub>6</sub> N <sub>3</sub> O <sub>3</sub>
	49690-63-3	Tris(2,4-Dibromo-phenyl) phosphate	C <sub>18</sub> H <sub>9</sub> Br <sub>6</sub> O <sub>4</sub> P
	19186-97-1	Tris(tribromo-neopentyl) phosphate	C <sub>15</sub> H <sub>24</sub> Br <sub>9</sub> O <sub>4</sub> P
	125997-20-8	Chlorinated and brominated phosphate ester	-
	87-83-2	Pentabromo-toluene	C <sub>7</sub> H <sub>3</sub> Br <sub>5</sub>
	38521-51-6	Pentabromo-benzyl bromide	C <sub>7</sub> H <sub>2</sub> Br <sub>6</sub>
	68441-46-3	1,3-Butadiene homopolymer, brominated	-
	59447-55-1	Pentabromo-benzyl-acrylate, monomer	C <sub>10</sub> H <sub>5</sub> Br <sub>5</sub> O <sub>2</sub>
	59447-57-3	Pentabromo-benzyl-acrylate, polymer	(C <sub>10</sub> H <sub>5</sub> Br <sub>5</sub> O <sub>2</sub> ) <sub>x</sub>
	84852-53-9	Decabromo-diphenyl-ethane	C <sub>14</sub> H <sub>4</sub> Br <sub>10</sub> O <sub>2</sub>
	61262-53-1	Tribromo-bisphenyl-maleinimide	C <sub>10</sub> H <sub>4</sub> Br <sub>3</sub> NO <sub>2</sub>
	59789-51-4	Brominated trimethylphenyl-lindane	C <sub>18</sub> H <sub>13</sub> Br <sub>n</sub> (n=7,8)
	-	Other Brominated flame retardants	-
		<b>Antimony and its compounds</b>	
TB4	7440-36-0	Antimony	Sb
	10025-91-9	Antimony trichloride	SbCl <sub>3</sub>
	1309-64-4	Antimony trioxide	Sb <sub>2</sub> O <sub>3</sub>
	1314-60-9	Antimony pentoxide	Sb <sub>2</sub> O <sub>5</sub>
	15432-85-6	Sodium antimony	Na <sub>3</sub> O <sub>4</sub> Sb
	-	Other antimony compounds	
		<b>Arsenic and its compounds</b>	
TB5	7440-38-2	Arsenic	As
	1303-00-0	Gallium arsenide	GaAs
	1303-28-2	Diaresenic pentoxide	As <sub>2</sub> O <sub>5</sub>
	1327-53-3	Diaresenic trioxide	As <sub>2</sub> O <sub>3</sub>
	7784-40-9	Lead hydrogen arsenate	AsHO <sub>4</sub> Pb
	15606-95-8	Triethyl aresenate	C <sub>6</sub> H <sub>15</sub> AsO <sub>4</sub>
	-	Other arsenic compounds	-
		<b>Beryllium and its compounds</b>	
TB6	7440-41-7	Beryllium	Be
	1304-56-9	Beryllium oxide	BeO
	-	Other Beryllium compounds	

TB7		<b>Bismuth and its compounds.</b>	
	7440-69-9	Bismuth	Bi
TB8		<b>Nickel and its compounds.</b>	
	1313-99-1	Nickel(II) oxide	NiO
	3333-67-3	Nickel(II) carbonate	NiCO <sub>3</sub>
	7786-81-4	Nickel(II) sulfate	NiSO <sub>4</sub>
	7440-02-0	Nickel	Ni
-	Other nickel compounds		
TB9		<b>Some Phthalic Esters</b>	
	26761-40-0	Diisodecyl phthalate(DIDP)	C <sub>6</sub> H <sub>4</sub> (COOC <sub>10</sub> H <sub>21</sub> ) <sub>2</sub>
	28553-12-0	Diisononyl phthalate(DINP)	C <sub>6</sub> H <sub>4</sub> (COOC <sub>9</sub> H <sub>19</sub> ) <sub>2</sub>
	117-84-0	Di-n-octyl phthalate(DnOP)	(C <sub>6</sub> H <sub>4</sub> )(COO(CH <sub>2</sub> ) <sub>7</sub> CH <sub>3</sub> ) <sub>2</sub>
	84-61-7	Dicyclo hexyl phthalat (DCHP)	C <sub>20</sub> H <sub>26</sub> O <sub>4</sub>
	84-66-2	Diethyl phthalat (DEP)	C <sub>12</sub> H <sub>14</sub> O <sub>4</sub>
	41451-28-9	Diiso heptyl phthalat (DIHP)	C <sub>22</sub> H <sub>34</sub> O <sub>4</sub>
	117-82-8	Bis (2-methoxyethyl) phthalate	C <sub>14</sub> H <sub>18</sub> O <sub>6</sub>
605-50-5	Diiso penthyl phthalate	C <sub>13</sub> H <sub>16</sub> O <sub>4</sub>	
TB10		<b>Selenium and its compounds</b>	
	7782-49-2	Selenium	Se
	7783-00-8	Selenous acid	H <sub>2</sub> SeO <sub>3</sub>
-	Other selenium compounds		
TB11		<b>Zinc and its compounds</b>	
	10025-64-6	Zinc perchlorate hexahydrate	Zn(ClO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O
	10139-47-6	Zinc Iodide	ZnI <sub>2</sub>
	10196-18-6	Zinc nitrate hexahydrate	Zn(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O
	10361-95-2	Zinc chlorate	Zn(ClO <sub>3</sub> ) <sub>2</sub>
	1313-49-1	Zinc nitride	Zn <sub>3</sub> N <sub>2</sub>
	1314-13-2	Zinc oxide	ZnO
	1314-84-7	Zinc phosphide	Zn <sub>3</sub> P <sub>2</sub>
	1314-98-3	Zinc sulfide	ZnS
	1315-11-3	Zinc telluride	ZnTe
	13530-65-9	Zinc chromate	CrO <sub>4</sub> Zn
	13637-61-1	Zinc perchlorate	Zn(ClO <sub>4</sub> ) <sub>2</sub>
	13814-87-4	Ammonium zinc sulfate	(NH <sub>4</sub> ) <sub>2</sub> Zn(SO <sub>4</sub> ) <sub>2</sub>
	13932-17-7	Potassium zinc sulfate	K <sub>2</sub> Zn(SO <sub>4</sub> ) <sub>2</sub>
	14485-28-0	Zinc phosphate,monobasic	Zn(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub>
	14639-97-5	Zinc ammonium chloride	(NH <sub>4</sub> ) <sub>2</sub> [ZnCl <sub>4</sub> ]
	15060-64-7	Zinc hypophoshite	Zn(PH <sub>2</sub> O <sub>2</sub> ) <sub>2</sub>
	16871-71-9	Zinc fluorosilicate	Zn[SiF <sub>6</sub> ]
	544-97-8	Dimethyl zinc	Zn(CH <sub>3</sub> ) <sub>2</sub>
	557-20-0	Diethyl zinc	Zn(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub>
	557-21-1	Zinc cyanide	Zn(CN) <sub>2</sub>
	557-34-6	Zinc acetate	Zn(CH <sub>3</sub> COO) <sub>2</sub>
	557-42-6	Zinc thiocyanate	Zn(SCN) <sub>2</sub>
	5970-45-6	Zinc acetate dehydrate	Zn(CH <sub>3</sub> COO) <sub>2</sub> ·2H <sub>2</sub> O
	73640-07-0	Zinc fluoride tetrahydrate	ZnF <sub>2</sub> ·4H <sub>2</sub> O
	7446-20-0	Sulfuric acid, zinc salt(1:1), Heptahydrate	ZnSO <sub>4</sub> ·7H <sub>2</sub> O
	7646-85-7	Zinc chloride	ZnCl <sub>2</sub>
7699-45-8	Zinc bromide	ZnBr <sub>2</sub>	
7733-02-0	Zinc sulfate	ZnSO <sub>4</sub>	
7779-86-4	Zinc hydrosulfite	ZnS <sub>2</sub> O <sub>4</sub>	
7779-88-6	Zinc nitrate	Zn(NO <sub>3</sub> ) <sub>2</sub>	
7783-49-5	Zinc fluoride	ZnF <sub>2</sub>	
77998-33-5	Ammonium zinc sulfate hydrate	(NH <sub>4</sub> ) <sub>2</sub> Zn(SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	
TB12		<b>Long chain chlorinated paraffins</b>	
		Long chain chlorinated paraffins (C18-30)	C <sub>n</sub> H <sub>2n+2-x</sub> Cl <sub>x</sub> (n : 18-30)

		<b>Cyanogen compounds.</b>	
	100-47-0	Benzonitrile	C <sub>7</sub> H <sub>5</sub> N
	107-13-1	Acrylonitrile	C <sub>3</sub> H <sub>3</sub> N
	109-78-4	Ethylene cyanohydrin	C <sub>3</sub> H <sub>5</sub> NO
	1194-65-6	2,6-Dichloro benzonitrile	C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> N
	13453-34-4	Thallium(I) cyanide	TICN
	140-29-4	Phenyl acetonitrile	C <sub>8</sub> H <sub>7</sub> N
	143-33-9	Sodium cyanide	NaCN
	14763-77-0	Copper cyanide	Cu(CN) <sub>2</sub>
	151-50-8	Potassium cyanide	KCN
	156-62-7	Calcium cyanamide	CCaN <sub>2</sub>
	2035-66-7	Palladium(II) cyanide	Pd(CN) <sub>2</sub>
	21159-32-0	Cesium cyanide	C <sub>5</sub> CN
	21725-46-2	Cyanazine	C <sub>9</sub> H <sub>13</sub> CIN <sub>6</sub>
	420-04-2	Cyanamide	NCNH <sub>2</sub>
	460-19-5	Cyanogen	(CN) <sub>2</sub>
	506-64-9	Silvber cyanide	AgCN
TB13	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) <sub>3</sub> ·3H <sub>2</sub> O
	535-37-5	Gold(I) cyanide	Au(CN) <sub>3</sub>
	542-62-1	Barium cyanide	Ba(CN) <sub>2</sub>
	542-83-6	Cadmium cyanide	Cd(CN) <sub>2</sub>
	542-84-7	Cobalt(II) cyanide	Co(CN) <sub>2</sub>
	544-92-3	Cuprous cyanide	CuCN
	557-19-7	Nickel cyanide	Ni(CN) <sub>2</sub>
	557-21-1	Zinc cyanide	Zn(CN) <sub>2</sub>
	592-01-8	Calcium cyanide	Ca(CN) <sub>2</sub>
	592-04-1	Mercuric cyanide	Hg(CN) <sub>2</sub>
	592-05-2	Lead cyanide	Pb(CN) <sub>2</sub>
	592-06-3	Platinam(II) cyanide	Pt(CN) <sub>2</sub>
	74-90-8	Hydrogen cyanide	HCN
	7677-24-9	Trimethylsilyl cyanide	Si(CN)(CH <sub>3</sub> ) <sub>3</sub>
	917-61-3	Sodium cyanide	CNNaO
		<b>Perfluorocarbon (PFC)</b>	
	115-25-3	Octafluorocyclobutane	C <sub>4</sub> F <sub>8</sub>
	307-34-6	Octadecafluorooctane, Perfluorooctane	C <sub>8</sub> F <sub>18</sub>
	335-57-9	PFC72,PFC-51-14	C <sub>7</sub> F <sub>16</sub>
	355-25-9	PFC218	C <sub>4</sub> F <sub>10</sub>
	355-42-0	Tetradecafluorohexane, Perfluorohexane	C <sub>6</sub> F <sub>14</sub>
	678-26-2	PFC410	C <sub>5</sub> F <sub>12</sub>
	75-73-0	Tetrafluoromethane	CF <sub>4</sub>
	76-16-4	PFC14	C <sub>2</sub> F <sub>6</sub>
	76-19-7	PFC116	C <sub>3</sub> F <sub>8</sub>
		<b>Hydrogenerated fluorocarbon (HFC)</b>	
	811-97-2	HFC-134a	CH <sub>2</sub> FCF <sub>3</sub>
	138495-42-8	HFC-43-10mee	C <sub>5</sub> H <sub>2</sub> F <sub>10</sub>
	354-33-6	HFC-125	CHF <sub>2</sub> CF <sub>3</sub> , C <sub>2</sub> HF <sub>5</sub>
	407-59-0	HFC-356mff,HFC-356ffa	C <sub>4</sub> H <sub>4</sub> F <sub>6</sub>
	420-46-2	HFC-143a	CH <sub>3</sub> CF <sub>3</sub>
	430-66-0	HFC-143	CHF <sub>2</sub> CH <sub>2</sub> F
	431-89-0	HFC-227ea	CF <sub>3</sub> CHFCF <sub>3</sub> , C <sub>3</sub> HF <sub>7</sub>
	679-86-7	HFC-245ca	C <sub>3</sub> H <sub>3</sub> F <sub>5</sub>
	690-39-1	HFC-236fa	C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>
	75-10-5	HFC-32	CH <sub>2</sub> F <sub>2</sub>
TB14			
TB15			



	75-37-6	HFC-152a	CH <sub>3</sub> CHF <sub>2</sub>
	75-46-7	HFC-23	CHF <sub>3</sub>
	593-53-3	HFC-41	CH <sub>3</sub> F
	359-35-3	HFC-134	CHF <sub>2</sub> CHF <sub>2</sub>
	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	-
		<b>Halogenated additives (except for TA5, TA6, TA48, TB2, TB3)</b>	
TB16	115-96-8	Tris (2-chloroethyl)phosphate	C <sub>6</sub> H <sub>12</sub> Cl <sub>3</sub> PO <sub>4</sub>
	21850-44-2	TBBA-(2,3-dibromo-propyl-ether)	C <sub>21</sub> H <sub>20</sub> Br <sub>8</sub> O <sub>2</sub>
	3194-55-6	1,2,5,6,9,10-Hexabromocyclodecane	C <sub>12</sub> H <sub>18</sub> Br <sub>6</sub>
	79-27-6	1,1,2,2-Tetrabromoethane	C <sub>2</sub> H <sub>2</sub> Br <sub>4</sub>
	79-94-7	Tetrabromo-bisphenol A(TBBA)	C <sub>15</sub> H <sub>12</sub> Br <sub>4</sub> O <sub>2</sub>
	87-82-1	Hexabromobenzene	C <sub>6</sub> Br <sub>6</sub>
	9002-84-0	Polytetrafluoroethylene	(C <sub>2</sub> F <sub>4</sub> ) <sub>n</sub>
	75-25-2	Tribromomethane	CHBr <sub>3</sub>
	118-79-6	2,4,6-Tribromo-Phenol	C <sub>6</sub> H <sub>3</sub> Br <sub>3</sub> O
	4162-45-2	TBBA-bis(2-Hydroxy-ethyl-ether)	C <sub>19</sub> H <sub>20</sub> Br <sub>4</sub> O <sub>4</sub>
		<b>Maganese and its compounds</b>	
TB17	7439-96-5	Manganese	Mn
	10031-20-6	Manganese(II) bromide tetrahydrate	Mn Br <sub>2</sub> ·4H <sub>2</sub> O
	10034-96-5	Manganese(II) sulfate heptahydrate	Mn(C <sub>2</sub> O <sub>4</sub> ) ·2H <sub>2</sub> O
	10043-84-2	Manganese hypophosphite	Mn(PH <sub>2</sub> O <sub>2</sub> ) <sub>2</sub>
	10101-50-5	Sodium permanganate	NaMnO <sub>4</sub>
	10124-54-6	Manganese(III) phosphate hydrate	MnPO <sub>4</sub> ·H <sub>2</sub> O
	10170-69-1	Dimanganese decacarbonyl	Mn <sub>2</sub> (CO) <sub>10</sub>
	10377-66-9	Manganese(II) nitrate	Mn(NO <sub>3</sub> ) <sub>2</sub>
	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 <sub>4</sub> H <sub>6</sub> MnN <sub>2</sub> S <sub>4</sub>
	12777-96-7	Manganese carbide	Mn <sub>3</sub> C
	1313-13-9	Manganese(IV) oxide	MnO <sub>2</sub>
	1313-22-0	Manganese monoselenide	MnSe
	1317-34-6	Manganese(III) oxide, 98%(assay); manganese trioxide	Mn <sub>2</sub> O <sub>3</sub>
	1317-35-7	Manganomanganic oxide; manganese tetra oxide; trimanganese tetraoxide; manganese(II,III) oxide; manganese oxide(II,III)	Mn <sub>3</sub> O <sub>4</sub>
	13224-08-3	Manganese(II) sulfate	MnSO <sub>4</sub>
	1344-43-0	Manganese(II) oxide	MnO
	13446-03-2	Manganese(II) bromide	MnBr <sub>2</sub>
	13446-34-9	Manganese(II) chloride tetrahydrate	MnCl <sub>2</sub> ·4H <sub>2</sub> O
	13566-22-8	Ammonium manganese sulfate	Mn(NH <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> )
	13568-71-3	Manganese(II) sulfite	MnSO <sub>3</sub>
	14154-9-7	Manganese(II) phosphate	Mn <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>
	14284-89-0	Acetylacetone manganese(III) salt; Tris(2,4-pentanedionate)manganese;	Mn(C <sub>5</sub> H <sub>7</sub> O <sub>2</sub> ) <sub>3</sub>
	15364-94-0	Manganese(II) perchlorate	Mn(ClO <sub>4</sub> ) <sub>2</sub>
	17141-63-8	Manganese(II) nitrate hexahydrate	Mn(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O
	18820-29-6	Manganese sulfide	MnS
	598-62-9	Manganese(II) carbonate	MnCO <sub>3</sub>

	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	-	<b>Organic Tin Compounds (except for TA7, TA8, TA36, TA43)</b>	-
TB19	2551-62-4	<b>Sulfur hexafluoride(SF6)</b>	$F_6S$
		<b>REACH SVHC in Candidate List</b>	
	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)	$C_xH_{(2x-y+2)}Cl_y$ 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	$CoCl_2$
	1303-28-2	Diarsenic pentaoxide	$As_2O_5$
	1327-53-3	Diarsenic trioxide	$As_2O_3$
	84-74-2	Dibutyl phthalate	$C_{16}H_{22}O_4$
	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD) ( $\beta$ -HBCDD) ( $\gamma$ -HBCDD)	$C_{12}H_{18}BR_6$
	7784-40-9	Lead hydrogen arsenate	$PbHASO_4$
TB20	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	Boric acid	$BH_3O_3$
	11113-50-1		
	1303-96-4	Disodium tetraborate, anhydrous	$B_4O_7Na_2 \cdot 10H_2O$

1330-43-4		$B_4Na_2O_7$
12179-04-3		$B_4H_{10}Na_2O_{12}$
12267-73-1	Tetraboron disodium heptaoxide, hydrate	$B_4Na_2O_7 \cdot xH_2O$
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	$CrO_3$
	Acids generated from chromium trioxide and their oligomers	
	Group containing:	
7738-94-5	Chromic acid	$CRH_2O_4$
-	Dichromic acid	-
13530-68-2	Oligomers of chromic acid and dichromic acid	$CR_2H_2O_7$
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		$H_4N_2$
302-01-2	Hydrazine	
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	$C_{14}H_{18}O_6$
	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	$(C_6H_7N \cdot CH_2O)_x$
25214-70-4		
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)	$C_{12}H_{15}N_3O_6$
	$\beta$ -TGIC (1,3,5-tris[(2S and	
59653-74-6	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)	$C_{25}H_{30}N_3 \cdot Cl$

		benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	
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 <sub>33</sub> H <sub>32</sub> N <sub>3</sub> .Cl
6786-83-0		α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	C <sub>33</sub> H <sub>33</sub> N <sub>3</sub> O
561-41-1		4,4'-bis(dimethylamino)-4''-(methylamino)trity	C <sub>24</sub> H <sub>29</sub> N <sub>3</sub> O
1163-19-5		Bis(pentabromophenyl) ether (DecaBDE)	C <sub>12</sub> Br <sub>10</sub> O
72629-94-8		Pentacosaflluorotridecanoic acid	C <sub>13</sub> HF <sub>25</sub> O <sub>2</sub>
307-55-1		Tricosaflluorododecanoic acid	C <sub>12</sub> HF <sub>23</sub> O <sub>2</sub>
2058-94-8		Henicosaflluoroundecanoic acid	C <sub>11</sub> HF <sub>21</sub> O <sub>2</sub>
376-06-7		Heptacosaflluorotetradecanoic acid	C <sub>14</sub> HF <sub>27</sub> O <sub>2</sub>
-		4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>14</sub> H <sub>22</sub> 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 <sub>15</sub> H <sub>24</sub> O
123-77-3		Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	C <sub>2</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub>
85-42-7, 13149-00-3, 14166-21-3		Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	C <sub>8</sub> H <sub>10</sub> O <sub>3</sub>
25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9		Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	C <sub>9</sub> H <sub>12</sub> O <sub>3</sub>
625-45-6		Methoxy acetic acid	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>
84777-06-0		1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	C <sub>18</sub> H <sub>24</sub> O <sub>4-2</sub>
605-50-5		Diisopentylphthalate (DIPP)	C <sub>13</sub> H <sub>16</sub> O <sub>4</sub>
776297-69-9		N-pentyl-isopentylphthalate	C <sub>18</sub> H <sub>26</sub> O <sub>4</sub>
629-14-1		1,2-Diethoxyethane	C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>
68-12-2		N,N-dimethylformamide; dimethyl formamide	C <sub>3</sub> H <sub>7</sub> NO
683-18-1		Dibutyltin dichloride (DBT)	C <sub>8</sub> H <sub>18</sub> Cl <sub>2</sub> Sn
51404-69-4		Acetic acid, lead salt, basic	C <sub>2</sub> H <sub>4</sub> O <sub>3</sub> Pb
1319-46-6		Basic lead carbonate (trilead bis(carbonate)dihydroxide)	C <sub>2</sub> H <sub>2</sub> O <sub>8</sub> Pb <sub>3</sub>
12036-76-9		Lead oxide sulfate (basic lead sulfate)	O <sub>5</sub> Pb <sub>2</sub> S
69011-06-9		[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	C <sub>8</sub> H <sub>4</sub> O <sub>6</sub> Pb <sub>3</sub>
12578-12-0		Dioxobis(stearato)trilead	C <sub>36</sub> H <sub>70</sub> O <sub>6</sub> Pb <sub>3</sub>
91031-62-8		Fatty acids, C16-18, lead salts	-
13814-96-5		Lead bis(tetrafluoroborate)	B <sub>2</sub> F <sub>8</sub> Pb
20837-86-9		Lead cyanamidate	CH <sub>2</sub> N <sub>2</sub> Pb
10099-74-8		Lead dinitrate	N <sub>2</sub> O <sub>6</sub> Pb
1317-36-8		Lead oxide (lead monoxide)	OPb
1314-41-6		Lead tetroxide (orange lead)	O <sub>4</sub> Pb <sub>3</sub>
12060-00-3		Lead titanium trioxide	O <sub>3</sub> PbTi
12626-81-2		Lead Titanium Zirconium Oxide	-
12065-90-6		Pentalead tetraoxide sulphate	O <sub>8</sub> Pb <sub>5</sub> S
8012-00-8		Pyrochlore, antimony lead yellow	-
68784-75-8		Silicic acid, barium salt, lead-doped	-
11120-22-2		Silicic acid, lead salt	O <sub>3</sub> PbSi
62229-08-7		Sulfurous acid, lead salt, dibasic	H <sub>2</sub> O <sub>5</sub> Pb <sub>2</sub> S
78-00-2		Tetraethyllead	C <sub>8</sub> H <sub>20</sub> Pb
12202-17-4		Tetralead trioxide sulphate	O <sub>7</sub> Pb <sub>4</sub> S
12141-20-7		Trilead dioxide phosphonate	HO <sub>3</sub> PPb <sub>3</sub>
110-00-9		Furan	C <sub>4</sub> H <sub>4</sub> O
75-56-9		Propylene oxide; 1,2-epoxypropane; methyloxirane	C <sub>3</sub> H <sub>6</sub> O

64-67-5	Diethyl sulphate	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub> S
77-78-1	Dimethyl sulphate	C <sub>2</sub> H <sub>6</sub> O <sub>4</sub> S
143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	C <sub>11</sub> H <sub>23</sub> NO
88-85-7	Dinoseb	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>
838-88-0	4,4'-methylenedi-o-toluidine	C <sub>15</sub> H <sub>18</sub> N <sub>2</sub>
101-80-4	4,4'-oxydianiline and its salts	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O
60-09-3	4-Aminoazobenzene; 4-Phenylazoaniline	C <sub>12</sub> H <sub>11</sub> N <sub>3</sub>
95-80-7	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub>
120-71-8	6-methoxy-m-toluidine (p-cresidine)	C <sub>8</sub> H <sub>11</sub> NO
92-67-1	Biphenyl-4-ylamine	C <sub>12</sub> H <sub>11</sub> N
97-56-3	o-aminoazotoluene	C <sub>14</sub> H <sub>15</sub> N <sub>3</sub>
95-53-4	o-Toluidine; 2-Aminotoluene	C <sub>7</sub> H <sub>9</sub> N
79-16-3	N-methylacetamide	C <sub>3</sub> H <sub>7</sub> NO
106-94-5	1-bromopropane; n-propyl bromide	C <sub>3</sub> H <sub>7</sub> Br
7440-43-9	Cadmium	Cd
1306-19-0	Cadmium oxide	CdO
131-18-0	Dipentyl phthalate (DPP)	C <sub>18</sub> H <sub>26</sub> O <sub>4</sub>
	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 <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>15</sub> H <sub>24</sub> O
3825-26-1	Ammonium pentadecafluorooctanoate (APFO)	C <sub>8</sub> H <sub>4</sub> F <sub>15</sub> NO <sub>2</sub>
335-67-1	Pentadecafluorooctanoic acid (PFOA)	C <sub>8</sub> HF <sub>15</sub> O <sub>2</sub>
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 <sub>32</sub> H <sub>22</sub> N <sub>6</sub> Na <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
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 <sub>34</sub> H <sub>25</sub> N <sub>9</sub> Na <sub>2</sub> O <sub>7</sub> S <sub>2</sub>
84-75-3	Dihexyl phthalate	C <sub>20</sub> H <sub>30</sub> O <sub>4</sub>
96-45-7	Imidazolidine-2-thione; 2-imidazoline-2-thiol	C <sub>3</sub> H <sub>6</sub> N <sub>2</sub> S
301-04-2	Lead di(acetate)	Pb(OCOCH <sub>3</sub> ) <sub>2</sub>
25155-23-1	Trixylyl phosphate	C <sub>24</sub> H <sub>27</sub> O <sub>4</sub> P
10108-64-2	Cadmium chloride	CdCl <sub>2</sub>
68515-50-4	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	C <sub>20</sub> H <sub>30</sub> O <sub>4</sub>
7632-04-4	Sodium peroxometaborate	BNaO <sub>3</sub>
-	Sodium perborate; perboric acid, sodium salt	-
7790-79-6	Cadmium fluoride	CdF <sub>2</sub>
10124-36-4, 31119-53-6	Cadmium sulphate	CdO <sub>4</sub> S
3846-71-7	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	C <sub>20</sub> H <sub>25</sub> N <sub>3</sub> O
25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	C <sub>22</sub> H <sub>29</sub> N <sub>3</sub> O
15571-58-1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	C <sub>36</sub> H <sub>72</sub> O <sub>4</sub> S <sub>2</sub> Sn
-	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 <sub>20</sub> H <sub>12</sub>
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 <sub>18</sub> H <sub>12</sub>
-		Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>™</sup> ) 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 <sub>9</sub> H <sub>4</sub> O <sub>5</sub>
191-24-2		Benzo[ghi]perylene	C <sub>22</sub> H <sub>12</sub>
541-02-6		Decamethylcyclopentasiloxane (D5)	C <sub>10</sub> H <sub>30</sub> O <sub>5</sub> Si <sub>5</sub>
84-61-7		Dicyclohexyl phthalate (DCHP)	C <sub>20</sub> H <sub>26</sub> O <sub>4</sub>
12008-41-2		Disodium octaborate	B <sub>8</sub> H <sub>8</sub> Na <sub>2</sub> O <sub>17</sub>
540-97-6		Dodecamethylcyclohexasiloxane (D6)	C <sub>12</sub> H <sub>36</sub> O <sub>6</sub> Si <sub>6</sub>
107-15-3		Ethylenediamine (EDA)	C <sub>2</sub> H <sub>8</sub> N <sub>2</sub>
7439-92-1		Lead	Pb
556-67-2		Octamethylcyclotetrasiloxane (D4)	C <sub>8</sub> H <sub>24</sub> O <sub>4</sub> Si <sub>4</sub>
61788-32-7		Terphenyl, hydrogenated	C <sub>18</sub> H <sub>22</sub>
15087-24-8		1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	C <sub>17</sub> H <sub>20</sub> O
6807-17-6		2,2-bis(4'-hydroxyphenyl)-4-methylpentane	C <sub>18</sub> H <sub>22</sub> O <sub>2</sub>
207-08-9		Benzo[k]fluoranthene	C <sub>20</sub> H <sub>12</sub>
206-44-0 93951-69-0		Fluoranthene	C <sub>16</sub> H <sub>10</sub>
85-01-8		Phenanthrene	C <sub>14</sub> H <sub>10</sub>

129-00-0 1718-52-1	Pyrene	C <sub>16</sub> H <sub>10</sub>
-	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)propane 1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	
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'-methylene-di-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 <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	
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( $\alpha,\alpha$ -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	
TB21		<b>Proposition 65 List of Chemicals</b>	-
TB22		<b>(deleted)</b>	
		<b>Polycyclic Aromatic Hydrocarbon (PAH)</b>	
	218-01-9	Chrysene (CHY)	C <sub>18</sub> H <sub>12</sub>
	56-55-3	Benzo(a)anthracene (BAA)	C <sub>18</sub> H <sub>12</sub>
	205-99-2	Benzo(b)fluoranthene (BBF)	C <sub>20</sub> H <sub>12</sub>
	205-82-3	Benzo(j)fluoranthene (BJF)	C <sub>20</sub> H <sub>12</sub>
	207-08-9	Benzo(k)fluoranthene (BKF)	C <sub>20</sub> H <sub>12</sub>
	192-97-2	Benzo(e)pyrene (BEP)	C <sub>20</sub> H <sub>12</sub>
	50-32-8	Benzo(a)pyrene (BAP)	C <sub>20</sub> H <sub>12</sub>
	53-70-3	Dibenz(a,h)anthracene (DBA)	C <sub>20</sub> H <sub>12</sub>
TB23	91-20-3	Naphthalene (NAP)	C <sub>10</sub> H <sub>8</sub>
	208-96-8	Acenaphthylene (ACL)	C <sub>12</sub> H <sub>8</sub>
	83-32-9	Acenaphthene (CAN)	C <sub>12</sub> H <sub>10</sub>
	86-73-7	Fluorene (FLR)	C <sub>13</sub> H <sub>10</sub>
	85-01-8	Phenanthrene (PHN)	C <sub>14</sub> H <sub>10</sub>
	120-12-7	Anthracene (ANT)	C <sub>14</sub> H <sub>10</sub>
	206-44-0	Fluoranthene (FLT)	C <sub>16</sub> H <sub>10</sub>
	129-00-0	Pyrene (PYR)	C <sub>16</sub> H <sub>10</sub>
	193-39-5	Indeno[1,2,3-c,d] pyrene (ICP)	C <sub>22</sub> H <sub>12</sub>
	191-24-2	Benzo[g,h,i]perylene (BGP)	C <sub>22</sub> H <sub>12</sub>
		<b>PFCAs</b>	
	76-05-1	Trifluoroacetic acid (TFA)	C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>
	422-64-0	Perfluoropropionic acid (PFPrA)	C <sub>3</sub> HF <sub>7</sub> O <sub>2</sub>
	375-22-4	Perfluorobutanoic acid (PFBA)	C <sub>4</sub> HF <sub>9</sub> O <sub>2</sub>
	2706-90-3	Perfluoropentanoic acid (PFPeA)	C <sub>5</sub> HF <sub>9</sub> O <sub>2</sub>
	307-24-4	Perfluorohexanoic acid (PFHxA)	C <sub>6</sub> HF <sub>11</sub> O <sub>2</sub>
	375-85-9	Perfluoroheptanoic acid (PFHpA)	C <sub>7</sub> HF <sub>13</sub> O <sub>2</sub>
	375-95-1	Perfluorononanoic acid (PFNA)	C <sub>9</sub> HF <sub>17</sub> O <sub>2</sub>
	335-76-2	Perfluorodecanoic acid (PFDA)	C <sub>10</sub> HF <sub>19</sub> O <sub>2</sub>
	2058-94-8	Perfluoroundecanoic acid (PFUnDA)	C <sub>11</sub> HF <sub>21</sub> O <sub>2</sub>
	307-55-1	Perfluorododecanoic acid (PFDoDA)	C <sub>12</sub> HF <sub>23</sub> O <sub>2</sub>
	72629-94-8	Perfluorotridecanoic acid (PFTrDA)	C <sub>13</sub> HF <sub>25</sub> O <sub>2</sub>
	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	C <sub>14</sub> HF <sub>27</sub> O <sub>2</sub>
	67905-19-5	Perfluorohexadecanoic acid (PFHxDA)	C <sub>16</sub> HF <sub>31</sub> O <sub>2</sub>
TB24			



	16517-11-6	Perfluorooctadecanoic acid (PFOcDA)	C <sub>18</sub> HF <sub>35</sub> O <sub>2</sub>
		<b>Benzidine and its salts</b>	
TB25	92-87-5	Benzidine	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub>
	-	Benzidine salts	-
		<b>Biphenyl-4-ylamine and its salts</b>	
TB26	92-67-1	Biphenyl-4-ylamine	C <sub>12</sub> H <sub>11</sub> N
		Biphenyl-4-ylamine salts	-
		<b>2-naphthylamine (β-Naphthylamine) and its salts</b>	
TB27	91-59-8	2-naphthylamine (β-Naphthylamine)	C <sub>10</sub> H <sub>9</sub> N
	-	2-naphthylamine (β-Naphthylamine) salts	-
		<b>Organic phosphorus compounds (limited to Parathion, Methyl Parathion, Methyl Demeton and EPN)</b>	
TB28	56-38-2	Parathion	C <sub>10</sub> H <sub>14</sub> NO <sub>5</sub> PS
	298-00-0	Methyl Parathion	C <sub>8</sub> H <sub>10</sub> NO <sub>5</sub> PS
	919-86-8	Methyl Demeton	C <sub>6</sub> H <sub>15</sub> O <sub>3</sub> PS <sub>2</sub>
	2104-64-5	EPN	C <sub>14</sub> H <sub>14</sub> NO <sub>4</sub> PS
TB29		<b>(deleted)</b>	
		<b>Pentachlorophenol and its salts and its esters</b>	
TB30	87-86-5	Pentachlorophenol	C <sub>6</sub> HCl <sub>5</sub> O
	-	Pentachlorophenol salts and esters	-
		<b>Simazine</b>	
TB31	122-34-9	Simazine	C <sub>7</sub> H <sub>12</sub> ClN <sub>5</sub>
		Bisphenol A (limited to thermal paper containing over than 0.02wt% )	-
TB32	80-05-7	Bisphenol A	C <sub>15</sub> H <sub>16</sub> O <sub>2</sub>
		Small Brominated Alkyl Alcohols	
TB33	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	
	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		<b>Dechlorane A</b>	
	13560-89-9	Dechlorane A	C <sub>18</sub> H <sub>12</sub> Cl <sub>12</sub>
TB35		<b>Tris(2-chloro-1-methylethyl) Phosphate</b>	
	13674-84-5	Tris(2-chloro-1-methylethyl) Phosphate	C <sub>9</sub> H <sub>18</sub> Cl <sub>3</sub> O <sub>4</sub> P
TB36		IEC62474 Declarable substances	
		<b>China Prioritized chemical inventory substances</b>	
		1st list	
	120-82-1	1,2,4-Trichlorobenzene	C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub>
	106-99-0	1,3-Butadiene	C <sub>4</sub> H <sub>6</sub>
	81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>
	27417-40-9	N,N'-ditolyl-p-phenylenediamin	C <sub>20</sub> H <sub>20</sub> N <sub>2</sub>
	85535-84-8 68920-70-7 71011-12-6 85536-22-7 85681-73-8 108171-26-2	Alkanes, chloro (Short Chain Chlorinated Paraffins)	C <sub>x</sub> H <sub>(2x-y+2)</sub> Cl <sub>y</sub> x = 10-13 y = 1-13
	75-09-2	Dichloromethane	CH <sub>2</sub> Cl <sub>2</sub>
	7440-43-9	Cadmium and its compounds	-
	7439-97-6	Mercury and its compounds.	-
	50-00-0	Formaldehyde	CH <sub>2</sub> O
	-	Hexavalent chromium compounds	-
	77-47-4	Hexachlorocyclopentadiene	C <sub>5</sub> Cl <sub>6</sub>
	25637-99-4 3194-55-6		
TB37	134237-50-6 134237-51-7 134237-52-8	Hexabromocyclododecanes (HBCDDs)	-
	91-20-3	Naphthalene (NAP)	C <sub>10</sub> H <sub>8</sub>
	-	Lead compounds	-
	1763-23-1 307-35-7 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3 251099-16-8	Perfluorooctane Sulfonate(PFOS) and its salts and PFOSF	-
	25154-52-3 84852-15-3 9016-45-9	nonyl phenyl and poly(oxyethylene) nonylphenyl ether	C <sub>15</sub> H <sub>24</sub> O
	67-66-3	Trichloromethane	CHCl <sub>3</sub>
	79-01-6	Trichloroethylene	C <sub>2</sub> HCl <sub>3</sub>
	7440-38-2	Arsenic and its compounds	-
	1163-19-5	Bis(pentabromophenyl) ether (DecaBDE)	C <sub>12</sub> Br <sub>10</sub> O
	127-18-4	Tetrachloroethylene	C <sub>2</sub> Cl <sub>4</sub>
	75-07-0	Acetaldehyde	C <sub>2</sub> H <sub>4</sub> O
		2nd list	
	75-35-4	1,1-Dichloroethene	
	78-87-5	1,2-Dichloropropane	

	121-14-2	2,4-Dinitrotoluene	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub>
	732-26-3	2,4,6-Tri-t-butylphenol	C <sub>18</sub> H <sub>30</sub> O
	71-43-2	Benzene	C <sub>6</sub> H <sub>6</sub>
		<b>Polycyclic Aromatic Hydrocarbons containing the following substances</b>	
	56-55-3	Benz[a]anthracene	C <sub>18</sub> H <sub>12</sub>
	218-01-9	Chrysene	C <sub>18</sub> H <sub>12</sub>
	50-32-8	Benzo(a)pyrene	C <sub>20</sub> H <sub>12</sub>
	205-99-2	Benzo(b)fluoranthene	C <sub>20</sub> H <sub>12</sub>
	207-08-9	Benzo(k)fluoranthene	C <sub>20</sub> H <sub>12</sub>
	120-12-7	Anthracene	C <sub>14</sub> H <sub>10</sub>
	53-70-3	Dibenz(a,h)anthracene	C <sub>20</sub> H <sub>12</sub>
	-	<b>Poly Chlorinated Dibenzo-p-Dioxins(PCDD), and Poly Chlorinated Dibenzo Furan(PCDF)</b>	
	108-88-3	Toluene	
	95-53-4	o-Toluidine	C <sub>7</sub> H <sub>9</sub> N
	115-96-8	Tris (2-chloroethyl)phosphate	C <sub>6</sub> H <sub>12</sub> Cl <sub>3</sub> PO <sub>4</sub>
	87-68-3	Hexachlorobutadiene	C <sub>4</sub> Cl <sub>6</sub>
		<b>Chlorobenzenes containing the following substances</b>	
	608-93-5	Pentachlorobenzene (PeCB)	C <sub>6</sub> HCl <sub>5</sub>
	118-74-1	Hexachlorobenzene	C <sub>6</sub> Cl <sub>6</sub>
	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		<b>BisphenolS (limited to thermal paper containing over than 0.02wt%)</b>	
	80-09-1	Bisphenol S	C <sub>12</sub> H <sub>10</sub> O <sub>4</sub> S
TB40		<b>Medium chain chlorinated paraffins (MCCPs)</b>	
		Medium chain chlorinated paraffins (C14-17)	C <sub>n</sub> H <sub>2 n+2-x</sub> Cl <sub>x</sub> (n: 14-17)
TB41		(deleted)	
		<b>PBT substances based on TSCA Article 6 (h)</b>	
TB42	732-26-3	2,4,6-Tri-t-butylphenol	C <sub>18</sub> H <sub>30</sub> O
	87-68-3	Hexachlorobutadiene	C <sub>4</sub> Cl <sub>6</sub>
TB43		Per- and PolyFluoroAlkyl Substances(PFAS)	
TB44		MOSH : Mineral oil saturated hydrocarbons comprising 16 to 35 carbon atoms	

TB45		(deleted)	
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Guidelines for Green Procurement  
Attached Table: Details of substances (typical examples)

**Toshiba Tec Corporation**

Issue Date: February 1st 2025 (14.0.0 edition)