# 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）

## 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<br>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 | $(C_6H_5)_3Sn(CH_3)_2NCS_2$ |

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|---|---|---|---|
| | 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 | $C_{12}H_{11}N_3$ |

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|---|---|---|---|
| | 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 | $C_3HF_2Br_5$ |

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|---|---|---|---|
| | - | 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 | $C_3H_4F_2Cl_2$ |

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|---|---|---|---|
| | 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** | |

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|---|---|---|---|
| | 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)- | |

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| | 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) | |

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|---|---|---|---|
| | 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- | |

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| | | [(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<br>17741-60-5<br>34362-49-7<br>4813-57-4<br>34395-24-9<br>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<br>(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<br>135821-03-3<br>135821-74-8 | Dechlorane Plus<br>“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 | **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)<br>[ Aliphatic/alicyclic brominated compounds] | ISO code 1043-4 |
| | | Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(15)<br>[ 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)<br>[ 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)<br>[ 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)<br>[ 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)<br>[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 , | Hexabromocyclododecane (HBCDD) and all major diastereoisomers | $C_{12}H_{18}Br_6$ |

| | | | |
|---|---|---|---|
| | 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8) | identified (α – HBCDD, β-HBCDD, γ-HBCDD) | |
| | 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 | - |
| | | **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 | $C_2H_2Br_4$ |
| TB16 | 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) | $C_{19}H_{20}Br_4O_4$ |
| | | **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 | $MnO_2$ |
| TB17 | 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;<br>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<br>x = 10-13<br>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 | $C_{16}H_{22}O_4$ |
| | 25637-99-4<br>3194-55-6<br>(134237-50-6)<br>(134237-51-7)<br>(134237-52-8) | Hexabromocyclododecane (HBCDD) and<br>all major diastereoisomers identified<br>(α-HBCDD)<br>(β-HBCDD)<br>(γ-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<br>11113-50-1 | Boric acid | $BH_3O_3$ |
| | 1303-96-4 | Disodium tetraborate, anhydrous | $B_4O_7Na_2.\ 10H_2O$ |

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|---|---|---|---|
| | 1330-43-4<br>12179-04-3 | | $B_4Na_2O_7$<br>$B_4H_{10}Na_2O_{12}$ |
| | 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 | $CRO_3$ |
| | <br><br>7738-94-5<br>-<br>13530-68-2 | Acids generated from chromium trioxide and their oligomers<br>Group containing:<br>Chromic acid<br>Dichromic acid<br>Oligomers of chromic acid and dichromic acid | <br><br>$CRH_2O_4$<br>-<br>$CR_2H_2O_7$ |
| | 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<br>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) | $C_{17}H_{22}N_2$ |

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| | 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 | $C_4H_4O$ |

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| | 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 | $CdC_{12}$ |
| | 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 68648-93-1 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5) | - |

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| | | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1],<br>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<br>21049-39-8<br>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<br>3830-45-3<br>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<br>1718-53-2 | Benz[a]anthracene | |
| | 513-78-0 | Cadmium carbonate | |
| | 21041-95-2 | Cadmium hydroxide | |
| | 10022-68-1<br>10325-94-7 | Cadmium nitrate | |
| | 218-01-9<br>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<br>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<br>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<br>93951-69-0 | Fluoranthene | $C_{16}H_{10}$ |

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| | 85-01-8 | Phenanthrene | $C_{14}H_{10}$ |
| | 129-00-0<br>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<br>36483-57-5<br>1522-92-5<br>96-13-9 | 2,2-bis(bromomethyl)propane1,3-diol (BMP);<br>2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA);<br>2,3-dibromo-1-propanol (2,3-DBPA) | |
| | 111-30-8 | Glutaral | |
| | - | Medium-chain chlorinated paraffins (MCCP)<br>(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 | |

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| | - | Perfluoroheptanoic acid and its salts | |
| | - | reaction mass of<br>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<br>(UV-326) | |
| | 3147-75-9 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol<br>(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<br>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)<br>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） | $C_{22}H_{12}$ |
| TB24 | | **PFCAs** | |
| | 76-05-1 | Trifluoroacetic acid (TFA) | $C_2HF_3O_2$ |

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| | 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) | $C_7HF_{13}O_2$ |
| | 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 | - |
| | | **Simazine** | - |
| TB31 | 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,<br>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 | |
| TB33 | 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 | |

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| | 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<br>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<br>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 | $C_9H_{18}Cl_3O_4P$ |
| 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<br>68920-70-7<br>71011-12-6<br>85536-22-7<br>85681-73-8<br>108171-26-2 | Alkanes, chloro (Short Chain Chlorinated Paraffins) | CxH(2x-y+2)Cly<br>x = 10-13<br>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<br>3194-55-6<br>134237-50-6<br>134237-51-7<br>134237-52-8 | Hexabromocyclododecanes (HBCDDs) | - |
| | 91-20-3 | Naphthalene（NAP） | $C_{10}H_8$ |
| | - | Lead compounds | - |
| | 1763-23-1<br>307-35-7<br>2795-39-3<br>29457-72-5<br>29081-56-9<br>70225-14-8<br>56773-42-3<br>251099-16-8 | Perfluorooctane Sulfonate(PFOS) and its salts and PFOSF | - |
| | 25154-52-3 | nonyl phenyl and poly(oxyethylene) nonylphenyl ether | $C_{15}H_{24}O$ |

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| | 84852-15-3<br>9016-45-9 | | |
| | 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<br>78-87-5 | 1,1-Dichloroethene<br>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<br>131-52-2<br>27735-64-4<br>3772-94-9<br>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 | $C_{12}H_{10}O_4S$ |

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| TB40 | | **Medium chain chlorinated paraffins (MCCPs)** | |
| | | Medium chain chlorinated paraffins (C14-17) | CnH2 n+2-xClx (n : 14-17) |
| 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 | $C_4Cl_6$ |
| TB43 | | Per- and PolyFluoroAlkyl Substances(PFAS) | |
| TB44 | | MOSH : Mineral oil saturated hydrocarbons comprising 16 to 35 carbon atoms | |
| TB45 | | (deleted) | |