

To Whom It May Concern,

We, Hartalega NGC Sdn. Bhd. hereby confirm that we do not intentionally added any REACH SVHC Substances as per below in any stage of our manufacturing process.

Therefore, we do not expect it to be present in our products.

**Survey from production /compounding chemicals, latex & pigment supplier as per below:**

| No. | Substance name                                              | EC No.    | CAS No.                  | Date of inclusion |
|-----|-------------------------------------------------------------|-----------|--------------------------|-------------------|
| 1   | 4,4'- Diaminodiphenylmethane (MDA)                          | 202-974-4 | 101-77-9                 | 28-Oct-2008       |
| 2   | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)          | 201-329-4 | 81-15-2                  | 28-Oct-2008       |
| 3   | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 287-476-5 | 85535-84-8               | 28-Oct-2008       |
| 4   | Anthracene                                                  | 204-371-1 | 120-12-7                 | 28-Oct-2008       |
| 5   | Benzyl butyl phthalate (BBP)                                | 201-622-7 | 85-68-7                  | 28-Oct-2008       |
| 6   | Bis (2-ethylhexyl)phthalate (DEHP)                          | 204-211-0 | 117-81-7                 | 28-Oct-2008       |
| 7   | Bis(tributyltin) oxide (TBTO)                               | 200-268-0 | 56-35-9                  | 28-Oct-2008       |
| 8   | Cobalt dichloride                                           | 231-589-4 | 7646-79-9                | 28-Oct-2008       |
| 9   | Diarsenic pentaoxide                                        | 215-116-9 | 1303-28-2                | 28-Oct-2008       |
| 10  | Diarsenic trioxide                                          | 215-481-4 | 1327-53-3                | 28-Oct-2008       |
| 11  | Dibutyl phthalate (DBP)                                     | 201-557-4 | 84-74-2                  | 28-Oct-2008       |
| 12  | Hexabromocyclododecane (HBCDD)                              | -         | -                        | 28-Oct-2008       |
| 13  | 1,2,5,6,9,10-hexabromocyclododecane                         | 221-695-9 | 3194-55-6                | 28-Oct-2008       |
| 14  | Hexabromocyclododecane                                      | 247-148-4 | 25637-99-4               | 28-Oct-2008       |
| 15  | alpha-hexabromocyclododecane                                | -         | 134237-50-6              | 28-Oct-2008       |
| 16  | beta-hexabromocyclododecane                                 | -         | 134237-51-7              | 28-Oct-2008       |
| 17  | gamma-hexabromocyclododecane                                | -         | 134237-52-8              | 28-Oct-2008       |
| 18  | Lead hydrogen arsenate                                      | 232-064-2 | 7784-40-9                | 28-Oct-2008       |
| 19  | Sodium dichromate                                           | 234-190-3 | 10588-01-9,<br>7789-12-0 | 28-Oct-2008       |
| 20  | Triethyl arsenate                                           | 427-700-2 | 15606-95-8               | 28-Oct-2008       |
| 21  | 2,4-dinitrotoluene                                          | 204-450-0 | 121-14-2                 | 13-Jan-2010       |
| 22  | Anthracene oil                                              | 292-602-7 | 90640-80-5               | 13-Jan-2010       |
| 23  | Anthracene oil, anthracene paste                            | 292-603-2 | 90640-81-6               | 13-Jan-2010       |
| 24  | Anthracene oil, anthracene paste, anthracene fraction       | 295-275-9 | 91995-15-2               | 13-Jan-2010       |
| 25  | Anthracene oil, anthracene paste, distn. lights             | 295-278-5 | 91995-17-4               | 13-Jan-2010       |
| 26  | Anthracene oil, anthracene-low                              | 292-604-8 | 90640-82-7               | 13-Jan-2010       |
| 27  | Diisobutyl phthalate                                        | 201-553-2 | 84-69-5                  | 13-Jan-2010       |
| 28  | Lead chromate                                               | 231-846-0 | 7758-97-6                | 13-Jan-2010       |

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|-----|-------------------------------------------------------------------------|-----------|----------------------------------------|-------------------|
| 29  | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)             | 235-759-9 | 12656-85-8                             | 13-Jan-2010       |
| 30  | Lead sulfochromate yellow (C.I. Pigment Yellow 34)                      | 215-693-7 | 1344-37-2                              | 13-Jan-2010       |
| 31  | Pitch, coal tar, high-temp.                                             | 266-028-2 | 65996-93-2                             | 13-Jan-2010       |
| 32  | Tris(2-chloroethyl) phosphate                                           | 204-118-5 | 115-96-8                               | 13-Jan-2010       |
| 33  | Acrylamide                                                              | 201-173-7 | 79-06-1                                | 30-Mar-2010       |
| 34  | Ammonium dichromate                                                     | 232-143-1 | 7789-09-5                              | 18-Jun-2010       |
| 35  | Boric acid                                                              | -         | -                                      | 18-Jun-2010       |
| 36  | Boric acid                                                              | 233-139-2 | 10043-35-3                             | 18-Jun-2010       |
| 37  | Boric acid, crude natural                                               | 234-343-4 | 11113-50-1                             | 18-Jun-2010       |
| 38  | Disodium tetraborate, anhydrous                                         | 215-540-4 | 12179-04-3,<br>1303-96-4,<br>1330-43-4 | 18-Jun-2010       |
| 39  | Potassium chromate                                                      | 232-140-5 | 7789-00-6                              | 18-Jun-2010       |
| 40  | Potassium dichromate                                                    | 231-906-6 | 7778-50-9                              | 18-Jun-2010       |
| 41  | Sodium chromate                                                         | 231-889-5 | 7775-11-3                              | 18-Jun-2010       |
| 42  | Tetraboron disodium heptaoxide, hydrate                                 | 235-541-3 | 12267-73-1                             | 18-Jun-2010       |
| 43  | Trichloroethylene                                                       | 201-167-4 | 79-01-6                                | 18-Jun-2010       |
| 44  | 2-ethoxyethanol                                                         | 203-804-1 | 110-80-5                               | 15-Dec-2010       |
| 45  | 2-methoxyethanol                                                        | 203-713-7 | 109-86-4                               | 15-Dec-2010       |
| 46  | Acids generated from chromium trioxide and their oligomers              | -         | -                                      | 15-Dec-2010       |
| 47  | Chromic acid                                                            | 231-801-5 | 7738-94-5                              | 15-Dec-2010       |
| 48  | Oligomers of chromic acid and dichromic acid                            | -         | -                                      | 15-Dec-2010       |
| 49  | Dichromic acid                                                          | 236-881-5 | 13530-68-2                             | 15-Dec-2010       |
| 50  | Chromium trioxide                                                       | 215-607-8 | 1333-82-0                              | 15-Dec-2010       |
| 51  | Cobalt(II) carbonate                                                    | 208-169-4 | 513-79-1                               | 15-Dec-2010       |
| 52  | Cobalt(II) diacetate                                                    | 200-755-8 | 71-48-7                                | 15-Dec-2010       |
| 53  | Cobalt(II) dinitrate                                                    | 233-402-1 | 10141-05-6                             | 15-Dec-2010       |
| 54  | Cobalt(II) sulphate                                                     | 233-334-2 | 10124-43-3                             | 15-Dec-2010       |
| 55  | 1,2,3-trichloropropane                                                  | 202-486-1 | 96-18-4                                | 20-Jun-2011       |
| 56  | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich    | 276-158-1 | 71888-89-6                             | 20-Jun-2011       |
| 57  | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 271-084-6 | 68515-42-4                             | 20-Jun-2011       |
| 58  | 1-Methyl-2-pyrrolidone (NMP)                                            | 212-828-1 | 872-50-4                               | 20-Jun-2011       |
| 59  | 2-ethoxyethyl acetate                                                   | 203-839-2 | 111-15-9                               | 20-Jun-2011       |
| 60  | Hydrazine                                                               | 206-114-9 | 302-01-2,<br>7803-57-8                 | 20-Jun-2011       |
| 61  | Strontium chromate                                                      | 232-142-6 | 7789-06-2                              | 20-Jun-2011       |
| 62  | 1,2-dichloroethane                                                      | 203-458-1 | 107-06-2                               | 19-Dec-2011       |

| No. | Substance name                                                                                                                            | EC No.    | CAS No.     | Date of inclusion |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|
| 63  | 2,2'-dichloro-4,4'-methylenedianiline                                                                                                     | 202-918-9 | 101-14-4    | 19-Dec-2011       |
| 64  | 2-Methoxyaniline, o-Anisidine                                                                                                             | 201-963-1 | 90-04-0     | 19-Dec-2011       |
| 65  | 4-(1,1,3,3-tetramethylbutyl)phenol                                                                                                        | 205-426-2 | 140-66-9    | 19-Dec-2011       |
| 66  | Aluminosilicate Refractory Ceramic Fibres                                                                                                 | -         | -           | 19-Dec-2011       |
| 67  | Refractories, fibers, aluminosilicate                                                                                                     | -         | 142844-00-6 | 19-Dec-2011       |
| 68  | Arsenic acid                                                                                                                              | 231-901-9 | 7778-39-4   | 19-Dec-2011       |
| 69  | Bis(2-methoxyethyl) ether                                                                                                                 | 203-924-4 | 111-96-6    | 19-Dec-2011       |
| 70  | Bis(2-methoxyethyl) phthalate                                                                                                             | 204-212-6 | 117-82-8    | 19-Dec-2011       |
| 71  | Calcium arsenate                                                                                                                          | 231-904-5 | 7778-44-1   | 19-Dec-2011       |
| 72  | Dichromium tris(chromate)                                                                                                                 | 246-356-2 | 24613-89-6  | 19-Dec-2011       |
| 73  | Formaldehyde, oligomeric reaction products with aniline                                                                                   | 500-036-1 | 25214-70-4  | 19-Dec-2011       |
| 74  | Lead diazide, Lead azide                                                                                                                  | 236-542-1 | 13424-46-9  | 19-Dec-2011       |
| 75  | Lead dipicrate                                                                                                                            | 229-335-2 | 6477-64-1   | 19-Dec-2011       |
| 76  | Lead styphnate                                                                                                                            | 239-290-0 | 15245-44-0  | 19-Dec-2011       |
| 77  | N,N-dimethylacetamide                                                                                                                     | 204-826-4 | 127-19-5    | 19-Dec-2011       |
| 78  | Pentazinc chromate octahydroxide                                                                                                          | 256-418-0 | 49663-84-5  | 19-Dec-2011       |
| 79  | Phenolphthalein                                                                                                                           | 201-004-7 | 77-09-8     | 19-Dec-2011       |
| 80  | Potassium hydroxyoctaoxodizincatedichromate                                                                                               | 234-329-8 | 11103-86-9  | 19-Dec-2011       |
| 81  | Trilead diarsenate                                                                                                                        | 222-979-5 | 3687-31-8   | 19-Dec-2011       |
| 82  | Zirconia Aluminosilicate Refractory Ceramic Fibres                                                                                        | -         | -           | 19-Dec-2011       |
| 83  | Refractories, fibers, aluminosilicate                                                                                                     | -         | 142844-00-6 | 19-Dec-2011       |
| 84  | 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)                                                                              | 203-794-9 | 110-71-4    | 18-Jun-2012       |
| 85  | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)                                                                                         | 203-977-3 | 112-49-2    | 18-Jun-2012       |
| 86  | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)                                                                        | 219-514-3 | 2451-62-9   | 18-Jun-2012       |
| 87  | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)                                           | 423-400-0 | 59653-74-6  | 18-Jun-2012       |
| 88  | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol                                                                                   | 209-218-2 | 561-41-1    | 18-Jun-2012       |
| 89  | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)                                                                                    | 202-027-5 | 90-94-8     | 18-Jun-2012       |
| 90  | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)                  | 208-953-6 | 548-62-9    | 18-Jun-2012       |
| 91  | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) | 219-943-6 | 2580-56-5   | 18-Jun-2012       |
| 92  | Diboron trioxide                                                                                                                          | 215-125-8 | 1303-86-2   | 18-Jun-2012       |
| 93  | Formamide                                                                                                                                 | 200-842-0 | 75-12-7     | 18-Jun-2012       |
| 94  | Lead(II) bis(methanesulfonate)                                                                                                            | 401-750-5 | 17570-76-2  | 18-Jun-2012       |



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|-----|-----------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|
| 95  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)                                            | 202-959-2 | 101-61-1    | 18-Jun-2012       |
| 96  | $\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) | 229-851-8 | 6786-83-0   | 18-Jun-2012       |
| 97  | 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear                                         | 284-032-2 | 84777-06-0  | 19-Dec-2012       |
| 98  | 1,2-diethoxyethane                                                                                        | 211-076-1 | 629-14-1    | 19-Dec-2012       |
| 99  | 1-bromopropane (n-propyl bromide)                                                                         | 203-445-0 | 106-94-5    | 19-Dec-2012       |
| 100 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                        | 421-150-7 | 143860-04-2 | 19-Dec-2012       |
| 101 | 4,4'-methylenedi-o-toluidine                                                                              | 212-658-8 | 838-88-0    | 19-Dec-2012       |
| 102 | 4,4'-oxydianiline and its salts                                                                           | -         | -           | 19-Dec-2012       |
| 103 | 4,4'-oxydianiline                                                                                         | 202-977-0 | 101-80-4    | 19-Dec-2012       |
| 104 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated                                                           | -         | -           | 19-Dec-2012       |
| 105 | 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol                                | 219-682-8 | 2497-59-8   | 19-Dec-2012       |
| 106 | Poly(oxy-1,2-ethanediyl), $\alpha$ -[(1,1,3,3-tetramethylbutyl)phenyl]- $\omega$ -hydroxy-                | -         | 9036-19-5   | 19-Dec-2012       |
| 107 | 2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol                                                            | -         | 2315-67-5   | 19-Dec-2012       |
| 108 | 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol                                                  | -         | 2315-61-9   | 19-Dec-2012       |
| 109 | Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether                                              | -         | 9002-93-1   | 19-Dec-2012       |
| 110 | 4-aminoazobenzene                                                                                         | 200-453-6 | 60-09-3     | 19-Dec-2012       |
| 111 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)                                                         | 202-453-1 | 95-80-7     | 19-Dec-2012       |
| 112 | 4-Nonylphenol, branched and linear                                                                        | -         | -           | 19-Dec-2012       |
| 113 | 4-(1-Ethyl-1,4-dimethylpentyl)phenol                                                                      | -         | 142731-63-3 | 19-Dec-2012       |
| 114 | 4-(1-Ethyl-1,3-dimethylpentyl)phenol                                                                      | -         | 186825-36-5 | 19-Dec-2012       |
| 115 | p-(1-methyloctyl)phenol                                                                                   | 241-427-4 | 17404-66-9  | 19-Dec-2012       |
| 116 | p-(1,1-dimethylheptyl)phenol                                                                              | 250-339-5 | 30784-30-6  | 19-Dec-2012       |
| 117 | p-nonylphenol                                                                                             | 203-199-4 | 104-40-5    | 19-Dec-2012       |
| 118 | 4-(1-ethyl-1-methylhexyl)phenol                                                                           | 257-907-1 | 52427-13-1  | 19-Dec-2012       |
| 119 | Phenol, 4-nonyl-, branched                                                                                | 284-325-5 | 84852-15-3  | 19-Dec-2012       |
| 120 | p-isononylphenol                                                                                          | 247-770-6 | 26543-97-5  | 19-Dec-2012       |
| 121 | 4-(1,1,5-Trimethylhexyl)phenol                                                                            | -         | 521947-27-3 | 19-Dec-2012       |
| 122 | 4-(3-ethylheptan-2-yl)phenol                                                                              | -         | 186825-39-8 | 19-Dec-2012       |
| 123 | Isononylphenol                                                                                            | 234-284-4 | 11066-49-2  | 19-Dec-2012       |
| 124 | Phenol, nonyl-, branched                                                                                  | 291-844-0 | 90481-04-2  | 19-Dec-2012       |
| 125 | Nonylphenol                                                                                               | 246-672-0 | 25154-52-3  | 19-Dec-2012       |
| 126 | 6-methoxy-m-toluidine (p-cresidine)                                                                       | 204-419-1 | 120-71-8    | 19-Dec-2012       |
| 127 | [Phthalato(2-)]dioxotrilead                                                                               | 273-688-5 | 69011-06-9  | 19-Dec-2012       |



| No. | Substance name                                                  | EC No.    | CAS No.     | Date of inclusion |
|-----|-----------------------------------------------------------------|-----------|-------------|-------------------|
| 128 | Acetic acid, lead salt, basic                                   | 257-175-3 | 51404-69-4  | 19-Dec-2012       |
| 129 | Biphenyl-4-ylamine                                              | 202-177-1 | 92-67-1     | 19-Dec-2012       |
| 130 | Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) | 214-604-9 | 1163-19-5   | 19-Dec-2012       |
| 131 | Cyclohexane-1,2-dicarboxylic anhydride                          | -         | -           | 19-Dec-2012       |
| 132 | cis-cyclohexane-1,2-dicarboxylic anhydride                      | 236-086-3 | 13149-00-3  | 19-Dec-2012       |
| 133 | Cyclohexane-1,2-dicarboxylic anhydride                          | 201-604-9 | 85-42-7     | 19-Dec-2012       |
| 134 | trans-cyclohexane-1,2-dicarboxylic anhydride                    | 238-009-9 | 14166-21-3  | 19-Dec-2012       |
| 135 | Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)        | 204-650-8 | 123-77-3    | 19-Dec-2012       |
| 136 | Dibutyltin dichloride (DBTC)                                    | 211-670-0 | 683-18-1    | 19-Dec-2012       |
| 137 | Diethyl sulphate                                                | 200-589-6 | 64-67-5     | 19-Dec-2012       |
| 138 | Diisopentyl phthalate                                           | 210-088-4 | 605-50-5    | 19-Dec-2012       |
| 139 | Dimethyl sulphate                                               | 201-058-1 | 77-78-1     | 19-Dec-2012       |
| 140 | Dinoseb (6-sec-butyl-2,4-dinitrophenol)                         | 201-861-7 | 88-85-7     | 19-Dec-2012       |
| 141 | Dioxobis(stearato)trilead                                       | 235-702-8 | 12578-12-0  | 19-Dec-2012       |
| 142 | Fatty acids, C16-18, lead salts                                 | 292-966-7 | 91031-62-8  | 19-Dec-2012       |
| 143 | Furan                                                           | 203-727-3 | 110-00-9    | 19-Dec-2012       |
| 144 | Henicosafuoroundecanoic acid                                    | 218-165-4 | 2058-94-8   | 19-Dec-2012       |
| 145 | Heptacosafuorotetradecanoic acid                                | 206-803-4 | 376-06-7    | 19-Dec-2012       |
| 146 | Hexahydromethylphthalic anhydride                               | -         | -           | 19-Dec-2012       |
| 147 | Hexahydro-1-methylphthalic anhydride                            | 256-356-4 | 48122-14-1  | 19-Dec-2012       |
| 148 | Hexahydro-3-methylphthalic anhydride                            | 260-566-1 | 57110-29-9  | 19-Dec-2012       |
| 149 | Hexahydro-4-methylphthalic anhydride                            | 243-072-0 | 19438-60-9  | 19-Dec-2012       |
| 150 | Hexahydromethylphthalic anhydride                               | 247-094-1 | 25550-51-0  | 19-Dec-2012       |
| 151 | Lead bis(tetrafluoroborate)                                     | 237-486-0 | 13814-96-5  | 19-Dec-2012       |
| 152 | Lead cyanamidate                                                | 244-073-9 | 20837-86-9  | 19-Dec-2012       |
| 153 | Lead dinitrate                                                  | 233-245-9 | 10099-74-8  | 19-Dec-2012       |
| 154 | Lead monoxide (lead oxide)                                      | 215-267-0 | 1317-36-8   | 19-Dec-2012       |
| 155 | Lead oxide sulfate                                              | 234-853-7 | 12036-76-9  | 19-Dec-2012       |
| 156 | Lead titanium trioxide                                          | 235-038-9 | 12060-00-3  | 19-Dec-2012       |
| 157 | Lead titanium zirconium oxide                                   | 235-727-4 | 12626-81-2  | 19-Dec-2012       |
| 158 | Methoxyacetic acid                                              | 210-894-6 | 625-45-6    | 19-Dec-2012       |
| 159 | Methyloxirane (Propylene oxide)                                 | 200-879-2 | 75-56-9     | 19-Dec-2012       |
| 160 | N,N-dimethylformamide                                           | 200-679-5 | 68-12-2     | 19-Dec-2012       |
| 161 | N-methylacetamide                                               | 201-182-6 | 79-16-3     | 19-Dec-2012       |
| 162 | n-pentyl-isopentyl phthalate                                    | -         | 776297-69-9 | 19-Dec-2012       |
| 163 | o-aminoazotoluene                                               | 202-591-2 | 97-56-3     | 19-Dec-2012       |
| 164 | o-toluidine                                                     | 202-429-0 | 95-53-4     | 19-Dec-2012       |
| 165 | Orange lead (lead tetroxide)                                    | 215-235-6 | 1314-41-6   | 19-Dec-2012       |



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| 166 | Pentacosafuorotridecanoic acid                                                     | 276-745-2 | 72629-94-8  | 19-Dec-2012       |
| 167 | Pentalead tetraoxide sulphate                                                      | 235-067-7 | 12065-90-6  | 19-Dec-2012       |
| 168 | Pyrochlore, antimony lead yellow                                                   | 232-382-1 | 8012-00-8   | 19-Dec-2012       |
| 169 | Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped     | 272-271-5 | 68784-75-8  | 19-Dec-2012       |
| 170 | Silicic acid, lead salt                                                            | 234-363-3 | 11120-22-2  | 19-Dec-2012       |
| 171 | Sulfurous acid, lead salt, dibasic                                                 | 263-467-1 | 62229-08-7  | 19-Dec-2012       |
| 172 | Tetraethyllead                                                                     | 201-075-4 | 78-00-2     | 19-Dec-2012       |
| 173 | Tetralead trioxide sulphate                                                        | 235-380-9 | 12202-17-4  | 19-Dec-2012       |
| 174 | Tricosafuorododecanoic acid                                                        | 206-203-2 | 307-55-1    | 19-Dec-2012       |
| 175 | Trilead bis(carbonate) dihydroxide                                                 | 215-290-6 | 1319-46-6   | 19-Dec-2012       |
| 176 | Trilead dioxide phosphonate                                                        | 235-252-2 | 12141-20-7  | 19-Dec-2012       |
| 177 | 4-Nonylphenol, branched and linear, ethoxylated                                    | -         | -           | 20-Jun-2013       |
| 178 | Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched                     | -         | 68412-54-4  | 20-Jun-2013       |
| 179 | Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched           | -         | 68412-54-4  | 20-Jun-2013       |
| 180 | 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan -1-ol                    | -         | 14409-72-4  | 20-Jun-2013       |
| 181 | 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol                               | 230-770-5 | 7311-27-5   | 20-Jun-2013       |
| 182 | 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol                              | 248-743-1 | 27942-27-4  | 20-Jun-2013       |
| 183 | Nonylphenol, branched, ethoxylated                                                 | 500-209-1 | 68412-54-4  | 20-Jun-2013       |
| 184 | 2-[2-(4-nonylphenoxy)ethoxy]ethanol                                                | 243-816-4 | 20427-84-3  | 20-Jun-2013       |
| 185 | Nonylphenol, ethoxylated                                                           | 500-024-6 | 9016-45-9   | 20-Jun-2013       |
| 186 | Nonylphenol, ethoxylated (15-EO)                                                   | -         | 9016-45-9   | 20-Jun-2013       |
| 187 | Nonylphenol, ethoxylated (10-EO)                                                   | -         | 9016-45-9   | 20-Jun-2013       |
| 188 | Nonylphenol, ethoxylated (8-EO)                                                    | -         | 9016-45-9   | 20-Jun-2013       |
| 189 | Nonylphenol, ethoxylated (6,5-EO)                                                  | -         | 9016-45-9   | 20-Jun-2013       |
| 190 | 4-Nonylphenol, ethoxylated                                                         | 500-045-0 | 26027-38-3  | 20-Jun-2013       |
| 191 | 4-Nonylphenol, branched, ethoxylated                                               | 500-315-8 | 127087-87-0 | 20-Jun-2013       |
| 192 | 17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol                            | -         | 34166-38-6  | 20-Jun-2013       |
| 193 | Isononylphenol, ethoxylated                                                        | -         | 37205-87-1  | 20-Jun-2013       |
| 194 | 14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol                                 | 247-555-7 | 26264-02-8  | 20-Jun-2013       |
| 195 | 44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaoxatetracontanol | 260-678-0 | 57321-10-5  | 20-Jun-2013       |
| 196 | 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol                       | 247-816-5 | 26571-11-9  | 20-Jun-2013       |
| 197 | 2-[2-(nonylphenoxy)ethoxy]ethanol                                                  | 248-291-5 | 27176-93-8  | 20-Jun-2013       |
| 198 | 20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol                                | 248-292-0 | 27177-03-3  | 20-Jun-2013       |



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| 199 | 23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaotricosan-1-ol                                                                                               | 248-293-6 | 27177-05-5   | 20-Jun-2013       |
| 200 | 29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaonacosanol                                                                                              | 248-294-1 | 27177-08-8   | 20-Jun-2013       |
| 201 | 2-(nonylphenoxy)ethanol                                                                                                                               | 248-762-5 | 27986-36-3   | 20-Jun-2013       |
| 202 | 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol                                                                                          | 255-695-5 | 42173-90-0   | 20-Jun-2013       |
| 203 | 20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol                                                                                                | 265-785-6 | 65455-69-8   | 20-Jun-2013       |
| 204 | 2-(isononylphenoxy)ethanol                                                                                                                            | 284-987-5 | 85005-55-6   | 20-Jun-2013       |
| 205 | 3,6,9,12,15,18,21,24,27-Nonaonacosan-1-ol, 29-(isononylphenoxy)-                                                                                      | -         | 65455-72-3   | 20-Jun-2013       |
| 206 | 3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-                                                                                               | -         | 27177-01-1   | 20-Jun-2013       |
| 207 | 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-                                                                                                | -         | 20636-48-0   | 20-Jun-2013       |
| 208 | 4-t-Nonylphenol-diethoxylate                                                                                                                          | -         | 156609-10-8  | 20-Jun-2013       |
| 209 | 2-(4-nonylphenoxy)ethanol                                                                                                                             | 881-745-6 | 104-35-8     | 20-Jun-2013       |
| 210 | Nonylphenol, ethoxylated (EO = 10)                                                                                                                    | -         | -            | 20-Jun-2013       |
| 211 | Nonylphenol, ethoxylated (EO = 4)                                                                                                                     | -         | -            | 20-Jun-2013       |
| 212 | Nonylphenol, ethoxylated (polymer)                                                                                                                    | -         | -            | 20-Jun-2013       |
| 213 | 2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol                                                                                               | -         | 1119449-38-5 | 20-Jun-2013       |
| 214 | 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol                                                                                                         | -         | 1119449-37-4 | 20-Jun-2013       |
| 215 | Nonylphenolpolyglycolether                                                                                                                            | -         | -            | 20-Jun-2013       |
| 216 | 4-Nonylphenol, branched, ethoxylated                                                                                                                  | -         | 127087-87-0  | 20-Jun-2013       |
| 217 | 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched                                                                                      | 293-926-1 | 91648-64-5   | 20-Jun-2013       |
| 218 | Poly(oxy-1,2-ethanediyl), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy-                                                                                 | -         | 9016-45-9    | 20-Jun-2013       |
| 219 | Ammonium pentadecafluorooctanoate (APFO)                                                                                                              | 223-320-4 | 3825-26-1    | 20-Jun-2013       |
| 220 | Cadmium                                                                                                                                               | 231-152-8 | 7440-43-9    | 20-Jun-2013       |
| 221 | Cadmium oxide                                                                                                                                         | 215-146-2 | 1306-19-0    | 20-Jun-2013       |
| 222 | Dipentyl phthalate (DPP)                                                                                                                              | 205-017-9 | 131-18-0     | 20-Jun-2013       |
| 223 | Pentadecafluorooctanoic acid (PFOA)                                                                                                                   | 206-397-9 | 335-67-1     | 20-Jun-2013       |
| 224 | Cadmium sulphide                                                                                                                                      | 215-147-8 | 1306-23-6    | 16-Dec-2013       |
| 225 | Dihexyl phthalate                                                                                                                                     | 201-559-5 | 84-75-3      | 16-Dec-2013       |
| 226 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)                                            | 209-358-4 | 573-58-0     | 16-Dec-2013       |
| 227 | 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) | 217-710-3 | 1937-37-7    | 16-Dec-2013       |
| 228 | Imidazolidine-2-thione (2-imidazoline-2-thiol)                                                                                                        | 202-506-9 | 96-45-7      | 16-Dec-2013       |



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| 229 | Lead di(acetate)                                                                                                                                                                                                                                             | 206-104-4 | 301-04-2               | 16-Dec-2013       |
| 230 | Trixylyl phosphate                                                                                                                                                                                                                                           | 246-677-8 | 25155-23-1             | 16-Dec-2013       |
| 231 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                                                                                                                                             | 271-093-5 | 68515-50-4             | 16-Jun-2014       |
| 232 | Cadmium chloride                                                                                                                                                                                                                                             | 233-296-7 | 10108-64-2             | 16-Jun-2014       |
| 233 | Sodium perborate, perboric acid, sodium salt                                                                                                                                                                                                                 | -         | -                      | 16-Jun-2014       |
| 234 | Perboric acid, sodium salt, tetrahydrate (I)                                                                                                                                                                                                                 | -         | 37244-98-7             | 16-Jun-2014       |
| 235 | Perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate                                                                                                                                                                                              | -         | 10486-00-7             | 16-Jun-2014       |
| 236 | Sodium perborate monohydrate                                                                                                                                                                                                                                 | -         | 10332-33-9             | 16-Jun-2014       |
| 237 | Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)                                                                                                                                                                                  | -         | 125022-34-6            | 16-Jun-2014       |
| 238 | Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)                                                                                                                                                                                             | -         | 90568-23-3             | 16-Jun-2014       |
| 239 | Perboric acid, sodium salt                                                                                                                                                                                                                                   | 234-390-0 | 11138-47-9             | 16-Jun-2014       |
| 240 | Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate                                                                                                                                                                | -         | 13517-20-9             | 16-Jun-2014       |
| 241 | Sodium perborate                                                                                                                                                                                                                                             | 239-172-9 | 15120-21-5             | 16-Jun-2014       |
| 242 | Sodium peroxometaborate                                                                                                                                                                                                                                      | 231-556-4 | 7632-04-4              | 16-Jun-2014       |
| 243 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                                                                                                                                                     | 247-384-8 | 25973-55-1             | 17-Dec-2014       |
| 244 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                                                                                                                                         | 223-346-6 | 3846-71-7              | 17-Dec-2014       |
| 245 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)                                                                                                                                                                       | 239-622-4 | 15571-58-1             | 17-Dec-2014       |
| 246 | Cadmium fluoride                                                                                                                                                                                                                                             | 232-222-0 | 7790-79-6              | 17-Dec-2014       |
| 247 | Cadmium sulphate                                                                                                                                                                                                                                             | 233-331-6 | 10124-36-4, 31119-53-6 | 17-Dec-2014       |
| 248 | 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) | -         | -                      | 17-Dec-2014       |
| 249 | 1,2-benzenedicarboxylic acid, di-C <sub>6</sub> -10-alkyl esters or mixed decyl and hexyl and octyl diesters                                                                                                                                                 | -         | -                      | 15-Jun-2015       |
| 250 | 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters                                                                                                                                                                                       | 272-013-1 | 68648-93-1             | 15-Jun-2015       |
| 251 | 1,2-Benzenedicarboxylic acid, di-C <sub>6</sub> -10-alkyl esters                                                                                                                                                                                             | 271-094-0 | 68515-51-5             | 15-Jun-2015       |
| 252 | 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]                                                                                                             | -         | -                      | 15-Jun-2015       |
| 253 | Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                                                 | 413-720-9 | -                      | 15-Jun-2015       |



| No. | Substance name                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EC No.    | CAS No.     | Date of inclusion |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|
| 254 | 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                                                                                                                                                                                                                         | -         | 676367-06-9 | 15-Jun-2015       |
| 255 | Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane | -         | -           | 15-Jun-2015       |
| 256 | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                                                                                                                                                                                                                                                                                                                                                  | -         | -           | 15-Jun-2015       |
| 257 | 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                                                                                                                                                                                                                                                                                                                                                  | -         | -           | 15-Jun-2015       |
| 258 | 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-                                                                                                                                                                                                                                                                                                                                                                                         | -         | 186309-28-4 | 15-Jun-2015       |
| 259 | 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                                                                                                                                                                                                                           | -         | 676367-05-8 | 15-Jun-2015       |
| 260 | 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-                                                                                                                                                                                                                                                                                                                                                                       | -         | 343934-04-3 | 15-Jun-2015       |
| 261 | 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                                                                                                                                                                                                                         | -         | 676367-09-2 | 15-Jun-2015       |
| 262 | 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-                                                                                                                                                                                                                                                                                                                                                                     | -         | 343934-05-4 | 15-Jun-2015       |
| 263 | 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                                                                                                                                                                                                                           | -         | 676367-04-7 | 15-Jun-2015       |
| 264 | 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                                                                                                                                                                                                                         | -         | 676367-08-1 | 15-Jun-2015       |
| 265 | 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                                                                                                                                                                                                                           | -         | 676367-03-6 | 15-Jun-2015       |
| 266 | 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                                                                                                                                                                                                                         | -         | 676367-07-0 | 15-Jun-2015       |
| 267 | 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                                                                                                                                                                                                                           | -         | 676367-02-5 | 15-Jun-2015       |
| 268 | 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-                                                                                                                                                                                                                                                                                                                                                                                         | -         | 117933-89-8 | 15-Jun-2015       |
| 269 | 1,3-propanesultone                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 214-317-9 | 1120-71-4   | 17-Dec-2015       |
| 270 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)                                                                                                                                                                                                                                                                                                                                                                                                       | 223-383-8 | 3864-99-1   | 17-Dec-2015       |
| 271 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)                                                                                                                                                                                                                                                                                                                                                                                                 | 253-037-1 | 36437-37-3  | 17-Dec-2015       |
| 272 | Nitrobenzene                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 202-716-0 | 98-95-3     | 17-Dec-2015       |

| No. | Substance name                                                       | EC No.    | CAS No.      | Date of inclusion |
|-----|----------------------------------------------------------------------|-----------|--------------|-------------------|
| 273 | Perfluorononan-1-oic-acid and its sodium and ammonium salts          | -         | -            | 17-Dec-2015       |
| 274 | Perfluorononan-1-oic-acid                                            | 206-801-3 | 375-95-1     | 17-Dec-2015       |
| 275 | Sodium salts of perfluorononan-1-oic-acid                            | -         | 21049-39-8   | 17-Dec-2015       |
| 276 | Ammonium salts of perfluorononan-1-oic-acid                          | -         | 4149-60-4    | 17-Dec-2015       |
| 277 | Benzo[def]chrysene (Benzo[a]pyrene)                                  | 200-028-5 | 50-32-8      | 20-Jun-2016       |
| 278 | 4,4'-isopropylidenediphenol                                          | 201-245-8 | 80-05-7      | 12-Jan-2017       |
| 279 | 4-heptylphenol, branched and linear                                  | -         | -            | 12-Jan-2017       |
| 280 | 4-heptylphenol                                                       | 217-862-0 | 1987-50-4    | 12-Jan-2017       |
| 281 | Phenol, heptyl derivs.                                               | 276-743-1 | 72624-02-3   | 12-Jan-2017       |
| 282 | 4-(3-ethylpentan-3-yl)phenol                                         | -         | 37872-24-5   | 12-Jan-2017       |
| 283 | 4-(2-methylhexan-2-yl)phenol                                         | -         | 30784-31-7   | 12-Jan-2017       |
| 284 | 4-(3,3-dimethylpentan-2-yl)phenol                                    | -         | 911371-06-7  | 12-Jan-2017       |
| 285 | 4-(3-methylhexan-2-yl)phenol                                         | -         | 854904-93-1  | 12-Jan-2017       |
| 286 | 4-(4,4-dimethylpentan-2-yl)phenol                                    | -         | 911371-07-8  | 12-Jan-2017       |
| 287 | 4-(4-methylhexan-2-yl)phenol                                         | -         | 71945-81-8   | 12-Jan-2017       |
| 288 | 4-(5-methylhexan-2-yl)phenol                                         | -         | 857629-71-1  | 12-Jan-2017       |
| 289 | 4-(2,2-dimethylpentan-3-yl)phenol                                    | -         | 861010-65-3  | 12-Jan-2017       |
| 290 | Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-                              | -         | 30784-27-1   | 12-Jan-2017       |
| 291 | 4-(heptan-3-yl)phenol                                                | -         | 6465-74-3    | 12-Jan-2017       |
| 292 | 4-(heptan-2-yl)phenol                                                | -         | 6863-24-7    | 12-Jan-2017       |
| 293 | 4-(heptan-4-yl)phenol                                                | -         | 6465-71-0    | 12-Jan-2017       |
| 294 | 4-(3-ethylpentyl)phenol                                              | -         | 911370-98-4  | 12-Jan-2017       |
| 295 | 4-(3-methylhexyl)phenol                                              | -         | 102570-52-5  | 12-Jan-2017       |
| 296 | 4-(4-methylhexyl)phenol                                              | -         | 1139800-98-8 | 12-Jan-2017       |
| 297 | 4-(5-methylhexyl)phenol                                              | -         | 100532-36-3  | 12-Jan-2017       |
| 298 | 4-(2,4-dimethylpentan-3-yl)phenol                                    | -         | 1824346-00-0 | 12-Jan-2017       |
| 299 | Phenol, 4-tert-heptyl-                                               | -         | 288864-02-8  | 12-Jan-2017       |
| 300 | 4-(2,3-dimethylpentan-2-yl)phenol                                    | -         | 861011-60-1  | 12-Jan-2017       |
| 301 | 4-(3-methylhexan-3-yl)phenol                                         | -         | 30784-32-8   | 12-Jan-2017       |
| 302 | 4-(2,4-dimethylpentan-2-yl)phenol                                    | -         | 33104-11-9   | 12-Jan-2017       |
| 303 | 4-(2,3,3-trimethylbutan-2-yl)phenol                                  | -         | 72861-06-4   | 12-Jan-2017       |
| 304 | 4-(5-methylhexan-3-yl)phenol                                         | -         | 854904-92-0  | 12-Jan-2017       |
| 305 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | -         | -            | 12-Jan-2017       |
| 306 | Nonadecafluorodecanoic acid                                          | 206-400-3 | 335-76-2     | 12-Jan-2017       |
| 307 | sodium nonadecafluorodecanoate                                       | -         | 3830-45-3    | 12-Jan-2017       |
| 308 | Ammonium nonadecafluorodecanoate                                     | 221-470-5 | 3108-42-7    | 12-Jan-2017       |
| 309 | p-(1,1-dimethylpropyl)phenol                                         | 201-280-9 | 80-46-6      | 12-Jan-2017       |
| 310 | Perfluorohexane-1-sulphonic acid and its salts                       | -         | -            | 07-Jul-2017       |



| No. | Substance name                                                                                                                                                                                   | EC No.    | CAS No.      | Date of inclusion |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------|
| 311 | perfluorohexane-1-sulphonic acid                                                                                                                                                                 | 206-587-1 | 355-46-4     | 07-Jul-2017       |
| 312 | ammonium perfluorohexane-1-sulphonate                                                                                                                                                            | 269-511-6 | 68259-08-5   | 07-Jul-2017       |
| 313 | tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)                                                                                                                       | 274-462-9 | 70225-16-0   | 07-Jul-2017       |
| 314 | potassium perfluorohexane-1-sulphonate                                                                                                                                                           | 223-393-2 | 3871-99-6    | 07-Jul-2017       |
| 315 | Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)     | -         | 1310480-24-0 | 07-Jul-2017       |
| 316 | Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | -         | 1310480-27-3 | 07-Jul-2017       |
| 317 | Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) | -         | 1310480-28-4 | 07-Jul-2017       |
| 318 | Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)                                                                                        | -         | 1329995-45-0 | 07-Jul-2017       |
| 319 | Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)                                                                                       | -         | 1329995-69-8 | 07-Jul-2017       |
| 320 | Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                           | -         | 144116-10-9  | 07-Jul-2017       |
| 321 | Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)  | -         | 1462414-59-0 | 07-Jul-2017       |
| 322 | Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                             | -         | 153443-35-7  | 07-Jul-2017       |
| 323 | Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)                                                                                   | -         | 189274-31-5  | 07-Jul-2017       |
| 324 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)                                                                                         | -         | 202189-84-2  | 07-Jul-2017       |
| 325 | Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                     | -         | 213740-81-9  | 07-Jul-2017       |

| No. | Substance name                                                                                                                                                                                                                                                                                                                                                    | EC No. | CAS No.     | Date of inclusion |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|-------------------|
| 326 | Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                                            | -      | 341548-85-4 | 07-Jul-2017       |
| 327 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)                                                                                                                                                                                                                                                                          | -      | 350836-93-0 | 07-Jul-2017       |
| 328 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)                                                                                                                                                                                                                                                                         | -      | 41184-65-0  | 07-Jul-2017       |
| 329 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)                                                                                                                                                                                                                                                                           | -      | 41242-12-0  | 07-Jul-2017       |
| 330 | Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)                                                                                                                                                                                                                                     | -      | 421555-73-9 | 07-Jul-2017       |
| 331 | Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)                                                                                                                                                                                                                                       | -      | 421555-74-0 | 07-Jul-2017       |
| 332 | Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                                    | -      | 425670-70-8 | 07-Jul-2017       |
| 333 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)                                                                                                                                                                                                                                                                               | -      | 55120-77-9  | 07-Jul-2017       |
| 334 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt                                                                                                                                                                                                                                                                                        | -      | 70136-72-0  | 07-Jul-2017       |
| 335 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)                                                                                                                                                                                                                                                          | -      | 72033-41-1  | 07-Jul-2017       |
| 336 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt                                                                                                                                                                                                                                                                                      | -      | 82382-12-5  | 07-Jul-2017       |
| 337 | Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)                                                                                                                                                                                                                                    | -      | 866621-50-3 | 07-Jul-2017       |
| 338 | Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                                             | -      | 910606-39-2 | 07-Jul-2017       |
| 339 | Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                | -      | 911027-68-4 | 07-Jul-2017       |
| 340 | Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate | -      | 911027-69-5 | 07-Jul-2017       |
| 341 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)                                                                                                                                                                                                                                                                                | -      | 92011-17-1  | 07-Jul-2017       |



| No. | Substance name                                                                                                                                                                                               | EC No.    | CAS No.      | Date of inclusion |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------|
| 342 | Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                         | -         | 928049-42-7  | 07-Jul-2017       |
| 343 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)                                                                                                               | -         | 1187817-57-7 | 07-Jul-2017       |
| 344 | N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate                                                                                                                                                   | -         | 108427-55-0  | 07-Jul-2017       |
| 345 | N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate                                                                                                                                                | -         | 108427-54-9  | 07-Jul-2017       |
| 346 | Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                       | -         | 1000597-52-3 | 07-Jul-2017       |
| 347 | 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)                                                                                                                          | -         | 341035-71-0  | 07-Jul-2017       |
| 348 | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> )                                                                         | -         | -            | 15-Jan-2018       |
| 349 | (1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> , <sup>9</sup> .0 <sup>2</sup> , <sup>13</sup> .0 <sup>5</sup> , <sup>10</sup> ]octadeca-7,15-diene | -         | 135821-03-3  | 15-Jan-2018       |
| 350 | 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene                                                                                                            | 236-948-9 | 13560-89-9   | 15-Jan-2018       |
| 351 | (1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> , <sup>9</sup> .0 <sup>2</sup> , <sup>13</sup> .0 <sup>5</sup> , <sup>10</sup> ]octadeca-7,15-diene | -         | 135821-74-8  | 15-Jan-2018       |
| 352 | rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene                                        | -         | -            | 15-Jan-2018       |
| 353 | rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene                                        | -         | -            | 15-Jan-2018       |
| 354 | Benz[a]anthracene                                                                                                                                                                                            | 200-280-6 | 56-55-3      | 15-Jan-2018       |
| 355 | Cadmium carbonate                                                                                                                                                                                            | 208-168-9 | 513-78-0     | 15-Jan-2018       |
| 356 | Cadmium hydroxide                                                                                                                                                                                            | 244-168-5 | 21041-95-2   | 15-Jan-2018       |
| 357 | Cadmium nitrate                                                                                                                                                                                              | 233-710-6 | 10325-94-7   | 15-Jan-2018       |
| 358 | Chrysene                                                                                                                                                                                                     | 205-923-4 | 218-01-9     | 15-Jan-2018       |

| No. | Substance name                                                                                                        | EC No.    | CAS No.      | Date of inclusion |
|-----|-----------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------|
| 359 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) | -         | -            | 15-Jan-2018       |
| 360 | Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine                 | 300-298-5 | 93925-00-9   | 15-Jan-2018       |
| 361 | Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.                       | -         | 1471311-26-8 | 15-Jan-2018       |
| 362 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride                                                                        | 209-008-0 | 552-30-7     | 27-Jun-2018       |
| 363 | Benzo[ghi]perylene                                                                                                    | 205-883-8 | 191-24-2     | 27-Jun-2018       |
| 364 | Decamethylcyclopentasiloxane                                                                                          | 208-764-9 | 541-02-6     | 27-Jun-2018       |
| 365 | Dicyclohexyl phthalate                                                                                                | 201-545-9 | 84-61-7      | 27-Jun-2018       |
| 366 | Disodium octaborate                                                                                                   | 234-541-0 | 12008-41-2   | 27-Jun-2018       |
| 367 | Dodecamethylcyclohexasiloxane                                                                                         | 208-762-8 | 540-97-6     | 27-Jun-2018       |
| 368 | Ethylenediamine                                                                                                       | 203-468-6 | 107-15-3     | 27-Jun-2018       |
| 369 | Lead                                                                                                                  | 231-100-4 | 7439-92-1    | 27-Jun-2018       |
| 370 | Octamethylcyclotetrasiloxane                                                                                          | 209-136-7 | 556-67-2     | 27-Jun-2018       |
| 371 | Terphenyl, hydrogenated                                                                                               | 262-967-7 | 61788-32-7   | 27-Jun-2018       |
| 372 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one                                                         | 239-139-9 | 15087-24-8   | 15-Jan-2019       |
| 373 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                             | 401-720-1 | 6807-17-6    | 15-Jan-2019       |
| 374 | Benzo[k]fluoranthene                                                                                                  | 205-916-6 | 207-08-9     | 15-Jan-2019       |
| 375 | Fluoranthene                                                                                                          | 205-912-4 | 206-44-0     | 15-Jan-2019       |
| 376 | Phenanthrene                                                                                                          | 201-581-5 | 85-01-8      | 15-Jan-2019       |
| 377 | Pyrene                                                                                                                | 204-927-3 | 129-00-0     | 15-Jan-2019       |
| 378 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides                              | -         | -            | 16-Jul-2019       |
| 379 | potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate                                                        | 266-578-3 | 67118-55-2   | 16-Jul-2019       |
| 380 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride                                                          | 218-173-8 | 2062-98-8    | 16-Jul-2019       |
| 381 | ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate                                                         | -         | 62037-80-3   | 16-Jul-2019       |
| 382 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid                                                              | 236-236-8 | 13252-13-6   | 16-Jul-2019       |
| 383 | Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-                                                     | -         | 75579-39-4   | 16-Jul-2019       |
| 384 | Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-                                                     | -         | 75579-40-7   | 16-Jul-2019       |
| 385 | 2-methoxyethyl acetate                                                                                                | 203-772-9 | 110-49-6     | 16-Jul-2019       |
| 386 | 4-tert-butylphenol                                                                                                    | 202-679-0 | 98-54-4      | 16-Jul-2019       |



| No. | Substance name                                                                                                                                                                                             | EC No.    | CAS No.     | Date of inclusion |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|
| 387 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)                                                                               | -         | -           | 16-Jul-2019       |
| 388 | Phenol, 4-nonyl-, phosphite (3:1)                                                                                                                                                                          | -         | 3050-88-2   | 16-Jul-2019       |
| 389 | tris(nonylphenyl) phosphite                                                                                                                                                                                | 247-759-6 | 26523-78-4  | 16-Jul-2019       |
| 390 | tris(4-nonylphenyl, branched) phosphite                                                                                                                                                                    | -         | -           | 16-Jul-2019       |
| 391 | Phenol, p-isononyl-, phosphite (3:1)                                                                                                                                                                       | -         | 31631-13-7  | 16-Jul-2019       |
| 392 | Phenol, p-sec-nonyl-, phosphite                                                                                                                                                                            | -         | 106599-06-8 | 16-Jul-2019       |
| 393 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone                                                                                                                                                        | 404-360-3 | 119313-12-1 | 16-Jan-2020       |
| 394 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                                                                                                                   | 400-600-6 | 71868-10-5  | 16-Jan-2020       |
| 395 | Diisohexyl phthalate                                                                                                                                                                                       | 276-090-2 | 71850-09-4  | 16-Jan-2020       |
| 396 | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                                                                         | -         | -           | 16-Jan-2020       |
| 397 | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate                                                                                                                                                  | 249-616-3 | 29420-49-3  | 16-Jan-2020       |
| 398 | Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate                                                                                                                                                   | 269-513-7 | 68259-10-9  | 16-Jan-2020       |
| 399 | 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid                                                                                                                                                        | 206-793-1 | 375-73-5    | 16-Jan-2020       |
| 400 | magnesium perfluorobutanesulfonate                                                                                                                                                                         | -         | 507453-86-3 | 16-Jan-2020       |
| 401 | lithium perfluorobutanesulfonate                                                                                                                                                                           | -         | 131651-65-5 | 16-Jan-2020       |
| 402 | N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate                                                                                                                                  | -         | 25628-08-4  | 16-Jan-2020       |
| 403 | bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate                                                                                                                                                      | 432-660-4 | 194999-85-4 | 16-Jan-2020       |
| 404 | tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate                                                                                                                                                       | 444-440-5 | 220689-12-3 | 16-Jan-2020       |
| 405 | dimethyl(phenyl)sulfanium perfluorobutanesulfonate                                                                                                                                                         | 452-310-4 | 220133-51-7 | 16-Jan-2020       |
| 406 | 1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate                                                                                                            | 468-770-4 | -           | 16-Jan-2020       |
| 407 | Triphenylsulfanium perfluorobutane sulfonate                                                                                                                                                               | 478-340-8 | 144317-44-2 | 16-Jan-2020       |
| 408 | morpholinium perfluorobutanesulfonate                                                                                                                                                                      | -         | 503155-89-3 | 16-Jan-2020       |
| 409 | 1-vinylimidazole                                                                                                                                                                                           | 214-012-0 | 1072-63-5   | 25-Jun-2020       |
| 410 | 2-methylimidazole                                                                                                                                                                                          | 211-765-7 | 693-98-1    | 25-Jun-2020       |
| 411 | Butyl 4-hydroxybenzoate                                                                                                                                                                                    | 202-318-7 | 94-26-8     | 25-Jun-2020       |
| 412 | Dibutylbis(pentane-2,4-dionato-O,O')tin                                                                                                                                                                    | 245-152-0 | 22673-19-4  | 25-Jun-2020       |
| 413 | Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                                                                                                         | 205-594-7 | 143-24-8    | 19-Jan-2021       |
| 414 | 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 | -         | -           | 19-Jan-2021       |
| 415 | dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.                                                                                                                                        | -         | -           | 19-Jan-2021       |
| 416 | Stannane, dioctyl-, bis(coco acyloxy) derivs.                                                                                                                                                              | 293-901-5 | 91648-39-4  | 19-Jan-2021       |



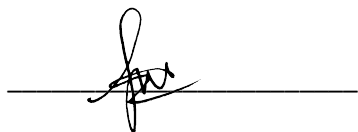
| No. | Substance name                                                                                                                                                                      | EC No.    | CAS No.      | Date of inclusion |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------|
| 417 | Diocetyl tin dilaurate                                                                                                                                                              | 222-883-3 | 3648-18-8    | 19-Jan-2021       |
| 418 | 1,4-dioxane                                                                                                                                                                         | 204-661-8 | 123-91-1     | 08-Jul-2021       |
| 419 | 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)         | -         | -            | 08-Jul-2021       |
| 420 | 2,2-bis(bromomethyl)propane-1,3-diol (BMP)                                                                                                                                          | 221-967-7 | 3296-90-0    | 08-Jul-2021       |
| 421 | 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)                                                                                                                                | 253-057-0 | 36483-57-5   | 08-Jul-2021       |
| 422 | 2,3-dibromo-1-propanol (2,3-DBPA)                                                                                                                                                   | 202-480-9 | 96-13-9      | 08-Jul-2021       |
| 423 | 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)                                                                                                                                     | -         | 1522-92-5    | 08-Jul-2021       |
| 424 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers                                                                                                              | -         | -            | 08-Jul-2021       |
| 425 | 2-(4-tert-butylbenzyl)propionaldehyde                                                                                                                                               | 201-289-8 | 80-54-6      | 08-Jul-2021       |
| 426 | (2S)-3-(4-tert-butylphenyl)-2-methylpropanal                                                                                                                                        | -         | 75166-30-2   | 08-Jul-2021       |
| 427 | (2R)-3-(4-tert-butylphenyl)-2-methylpropanal                                                                                                                                        | -         | 75166-31-3   | 08-Jul-2021       |
| 428 | 4,4'-(1-methylpropylidene)bisphenol                                                                                                                                                 | 201-025-1 | 77-40-7      | 08-Jul-2021       |
| 429 | glutaral                                                                                                                                                                            | 203-856-5 | 111-30-8     | 08-Jul-2021       |
| 430 | Medium-chain chlorinated paraffins (MCCP)                                                                                                                                           | -         | -            | 08-Jul-2021       |
| 431 | Alkanes, C14-16, chloro                                                                                                                                                             | -         | 1372804-76-6 | 08-Jul-2021       |
| 432 | Alkanes, C14-17, chloro                                                                                                                                                             | 287-477-0 | 85535-85-9   | 08-Jul-2021       |
| 433 | di-, tri- and tetrachlorotetradecane                                                                                                                                                | -         | -            | 08-Jul-2021       |
| 434 | Tetradecane, chloro derivs.                                                                                                                                                         | -         | 198840-65-2  | 08-Jul-2021       |
| 435 | orthoboric acid, sodium salt                                                                                                                                                        | -         | -            | 08-Jul-2021       |
| 436 | Boric acid, sodium salt                                                                                                                                                             | 215-604-1 | 1333-73-9    | 08-Jul-2021       |
| 437 | Orthoboric acid, sodium salt                                                                                                                                                        | 237-560-2 | 13840-56-7   | 08-Jul-2021       |
| 438 | boric acid (H3BO3), sodium salt, hydrate                                                                                                                                            | -         | 25747-83-5   | 08-Jul-2021       |
| 439 | boric acid (H3BO3), sodium salt (1:1)                                                                                                                                               | -         | 14890-53-0   | 08-Jul-2021       |
| 440 | Boric acid (H3BO3), disodium salt                                                                                                                                                   | -         | 22454-04-2   | 08-Jul-2021       |
| 441 | Trisodium orthoborate                                                                                                                                                               | 238-253-6 | 14312-40-4   | 08-Jul-2021       |
| 442 | Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) | -         | -            | 08-Jul-2021       |
| 443 | Phenol, dodecyl-, branched                                                                                                                                                          | 310-154-3 | 121158-58-5  | 08-Jul-2021       |
| 444 | Phenol, (tetrapropenyl) derivatives                                                                                                                                                 | -         | 74499-35-7   | 08-Jul-2021       |
| 445 | Phenol, tetrapropylene-                                                                                                                                                             | -         | 57427-55-1   | 08-Jul-2021       |
| 446 | Phenol, 4-dodecyl, branched                                                                                                                                                         | -         | 210555-94-5  | 08-Jul-2021       |
| 447 | 4-isododecylphenol                                                                                                                                                                  | -         | 27459-10-5   | 08-Jul-2021       |
| 448 | Phenol, 4-isododecyl-                                                                                                                                                               | -         | 27147-75-7   | 08-Jul-2021       |
| 449 | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one                                                                                                         | -         | -            | 17-Jan-2022       |



| No. | Substance name                                                                                                                                                | EC No.    | CAS No.      | Date of inclusion |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------|
|     | covering any of the individual isomers and/or combinations thereof (4-MBC)                                                                                    |           |              |                   |
| 450 | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one                                                                                   | 253-242-6 | 36861-47-9   | 17-Jan-2022       |
| 451 | (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                        | -         | 1782069-81-1 | 17-Jan-2022       |
| 452 | (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                  | -         | 95342-41-9   | 17-Jan-2022       |
| 453 | (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                  | -         | 852541-30-1  | 17-Jan-2022       |
| 454 | (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                  | -         | 852541-21-0  | 17-Jan-2022       |
| 455 | (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                     | -         | 741687-98-9  | 17-Jan-2022       |
| 456 | (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                  | -         | 852541-25-4  | 17-Jan-2022       |
| 457 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol                                                                                                                  | 204-327-1 | 119-47-1     | 17-Jan-2022       |
| 458 | 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           | 401-850-9 | 255881-94-8  | 17-Jan-2022       |
| 459 | tris(2-methoxyethoxy)vinylsilane                                                                                                                              | 213-934-0 | 1067-53-4    | 17-Jan-2022       |
| 460 | N-(hydroxymethyl)acrylamide                                                                                                                                   | 213-103-2 | 924-42-5     | 10-Jun-2022       |
| 461 | 1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene]                                                                                                        | 253-692-3 | 37853-59-1   | 17-Jan-2023       |
| 462 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                                                                                              | 201-236-9 | 79-94-7      | 17-Jan-2023       |
| 463 | 4,4'-sulphonyldiphenol                                                                                                                                        | 201-250-5 | 80-09-1      | 17-Jan-2023       |
| 464 | Barium diboron tetraoxide                                                                                                                                     | 237-222-4 | 13701-59-2   | 17-Jan-2023       |
| 465 | bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof                                                      | -         | -            | 17-Jan-2023       |
| 466 | Bis(2-ethylhexyl) tetrabromophthalate                                                                                                                         | 247-426-5 | 26040-51-7   | 17-Jan-2023       |
| 467 | Isobutyl 4-hydroxybenzoate                                                                                                                                    | 224-208-8 | 4247-02-3    | 17-Jan-2023       |
| 468 | Melamine                                                                                                                                                      | 203-615-4 | 108-78-1     | 17-Jan-2023       |
| 469 | Perfluoroheptanoic acid and its salts                                                                                                                         | -         | -            | 17-Jan-2023       |
| 470 | Ammonium perfluoroheptanoate                                                                                                                                  | 228-098-2 | 6130-43-4    | 17-Jan-2023       |
| 471 | potassium perfluoroheptanoate                                                                                                                                 | -         | 21049-36-5   | 17-Jan-2023       |
| 472 | Perfluoroheptanoic acid                                                                                                                                       | 206-798-9 | 375-85-9     | 17-Jan-2023       |
| 473 | Sodium perfluoroheptanoate                                                                                                                                    | 243-518-4 | 20109-59-5   | 17-Jan-2023       |
| 474 | 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 | 473-390-7 | -            | 17-Jan-2023       |
| 475 | diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide                                                                                                               | 278-355-8 | 75980-60-8   | 14-June-2023      |

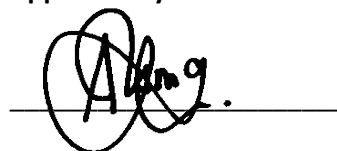
| No. | Substance name                                                                                                                                                                                                                                                                                      | EC No.    | CAS No.      | Date of inclusion |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------|
| 476 | bis(4-chlorophenyl) sulphone                                                                                                                                                                                                                                                                        | 201-247-9 | 80-07-9      | 14-June-2023      |
| 477 | 2,4,6-tri-tert-butylphenol                                                                                                                                                                                                                                                                          | 211-989-5 | 732-26-3     | 23-Jan-2024       |
| 478 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)                                                                                                                                                                                                                                | 221-573-5 | 3147-75-9    | 23-Jan-2024       |
| 479 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one                                                                                                                                                                                                                | 438-340-0 | 119344-86-4  | 23-Jan-2024       |
| 480 | Bumetrizole (UV-326)                                                                                                                                                                                                                                                                                | 223-445-4 | 3896-11-5    | 23-Jan-2024       |
| 481 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol                                                                                                                                                                                                                      | 700-960-7 | -            | 23-Jan-2024       |
| 482 | Bis(a,a-dimethylbenzyl) peroxide                                                                                                                                                                                                                                                                    | 201-279-3 | 80-43-3      | 27-Jun-2024       |
| 483 | Triphenyl phosphate                                                                                                                                                                                                                                                                                 | 204-112-2 | 115-86-6     | 07-Nov-2024       |
| 484 | 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid                                                                                                                                                                                                                   | 701-118-1 | 2156592-54-8 | 21-Jan-2025       |
| 485 | O,O,O-triphenyl phosphorothioate                                                                                                                                                                                                                                                                    | 209-909-9 | 597-82-0     | 21-Jan-2025       |
| 486 | Octamethyltrisiloxane                                                                                                                                                                                                                                                                               | 203-497-4 | 107-51-7     | 21-Jan-2025       |
| 487 | Perfluamine                                                                                                                                                                                                                                                                                         | 206-420-2 | 338-83-0     | 21-Jan-2025       |
| 488 | reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives                                                                                                                                                                                                                  | 421-820-9 | 192268-65-8  | 21-Jan-2025       |
| 489 | tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-{2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazanyl]-5-methoxyphenyl)diazanyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) | 466-490-7 | -            | 25-Jun-2025       |
| 490 | decamethyltetrasiloxane                                                                                                                                                                                                                                                                             | 205-491-7 | 141-62-8     | 25-Jun-2025       |
| 491 | 1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane                                                                                                                                                                                                                                        | 241-867-7 | 17928-28-8   | 25-Jun-2025       |

Prepared By:



Fatin Syahirah Asmadi  
Executive – Regulatory Affairs  
Date: 14<sup>th</sup> October 2025

Approved By:



Nor Akmar Yusoff  
Manager - Regulatory Affairs  
Date: 14<sup>th</sup> October 2025