

## Certificate of Non-Use of Hazardous Substances

MaxLinear, Inc. certifies that as of the date of this Certificate of Non-Use of Hazardous Substances, the MaxLinear product listed below does not contain hazardous substances above the threshold limits identified in the following pages.

The information contained in this certificate is provided by MaxLinear in good faith to the best of MaxLinear's knowledge. No banned materials are intentionally added to MaxLinear's products.

| Environmental Category & Description |  | Details for:<br>XR28V384IM48-F |
|--------------------------------------|--|--------------------------------|
| <b>RoHS   Exempt</b>                 | If "7a" or "15", then product contains lead but is compliant meeting the requirements of Directive (EU) 2011/65 pursuant to either exemption 7a or 15. See Appendix A. | N                              |
| <b>RoHS</b>                          | If "Y", then product is RoHS compliant meeting the requirements of Directive (EU) 2015/863 with no exemptions taken. See Appendix B.                                   | Y                              |
| <b>Halogen Free</b>                  | If "Y", then product is halogen and lead (Pb) free. Green products meet RoHS requirements plus additional hazardous material restrictions. See Appendix C.             | Y                              |
| <b>REACH</b>                         | If "Y", then product does not use any Substances of Very High Concern (SVHC) under REACH requirements. See Appendix D for a list of these substances.                  | Y                              |

MaxLinear, Inc.  
Quality and Reliability  
Feb 25, 2020

### Appendix A | RoHS with Exemption

| Exemption | Description   |
|-----------|---|
| 7a        | Lead in high melting temperature type solders   |
| 15        | Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages |

### Appendix B | RoHS Directive (EU) 2015/863

| Restricted Substance                  | Allowable Limit<br>(at homogenous material level) |
|---------------------------------------|---|
| Cadmium (Cd)                          | 100 ppm (0.01 weight %)                           |
| Mercury (Hg)                          | 1000 ppm (0.10 weight %)                          |
| Lead (Pb)                             | 1000 ppm (0.10 weight %)                          |
| Hexavalent Chromium (Cr6+)            | 1000 ppm (0.10 weight %)                          |
| Polybrominated biphenyls (PBB)        | 1000 ppm (0.10 weight %)                          |
| Polybrominated diphenyl ethers (PBDE) | 1000 ppm (0.10 weight %)                          |
| Bis (2-Ethylhexyl) phthalate (DEHP)   | 1000 ppm (0.10 weight %)                          |
| Benzyl butyl phthalate (BBP)          | 1000 ppm (0.10 weight %)                          |
| Dibutyl phthalate (DBP)               | 1000 ppm (0.10 weight %)                          |
| Diisobutyl phthalate (DIBP)           | 1000 ppm (0.10 weight %)                          |

### Appendix C | Halogen Free

| Restricted Substance                            | Allowable Limit |                |
|---|-----------------|----------------|
| Bromine (Br)                                    | 900 ppm         | 1500 ppm Total |
| Chlorine (Cl)                                   | 900 ppm         |                |
| Antimony (Sb (Sb <sub>2</sub> O <sub>3</sub> )) | 900 ppm         |                |

**Appendix D | REACH 201 (Threshold Limit 1000ppm (0.1% w/w))**

| Date of Inclusion: July 16, 2019    |  | EC Number              | CAS Number                          |
|-------------------------------------|--|------------------------|-------------------------------------|
| 201                                 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides   | -                      | -                                   |
| 200                                 | 2-methoxyethyl acetate   | 203-772-9              | 110-49-6                            |
| 199                                 | 4-tert-butylphenol   | 202-679-0              | 98-54-4                             |
| 198                                 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥0.1% w/w of 4-nonylphenol, branched and linear (4-NP)  | -                      | -                                   |
| Date of Inclusion: January 15, 2019 |  | EC Number              | CAS Number                          |
| 197                                 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one  | 239-139-9              | 15087-24-8                          |
| 196                                 | Pyrene   | 204-927-3              | 129-00-0                            |
| 195                                 | Phenanthrene   | 201-581-5              | 85-01-8                             |
| 194                                 | Fluoranthene   | 205-912-4              | 206-44-0                            |
| 193                                 | Benzo[k]fluoranthene   | 205-916-6              | 207-08-9                            |
| 192                                 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane  | 401-720-1              | 6807-17-6                           |
| Date of Inclusion: Jun 27, 2018     |  | EC Number              | CAS Number                          |
| 191                                 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride   | 209-008-0              | 552-30-7                            |
| 190                                 | Benzo[ghi]perylene   | 205-883-8              | 191-24-2                            |
| 189                                 | Decamethylcyclopentasiloxane   | 208-764-9              | 541-02-6                            |
| 188                                 | Dicyclohexyl phthalate   | 201-545-9              | 84-61-7                             |
| 187                                 | Disodium octaborate  | 234-541-0              | 12008-41-2                          |
| 186                                 | Dodecamethylcyclohexasiloxane  | 234-541-0              | 540-97-6                            |
| 185                                 | Ethylenediamine  | 208-762-8              | 107-15-3                            |
| 184                                 | Lead NOTE: Does not exceed threshold levels specified in RoHS Directive (EU) 2015/863  | 203-468-6              | 7439-92-1                           |
| 183                                 | Octamethylcyclotetrasiloxane   | 231-100-4              | 556-67-2                            |
| 182                                 | Terphenyl, hydrogenated  | 209-136-7              | 61788-32-7                          |
| Date of Inclusion: Jan 15, 2018     |  | EC Number              | CAS Number                          |
| 181                                 | Benz[a]anthracene  | 200-280-6              | 56-55-3<br>1718-53-2                |
| 180                                 | Cadmium carbonate  | 208-168-9              | 513-78-0                            |
| 179                                 | Cadmium hydroxide  | 244-168-5              | 21041-95-2                          |
| 178                                 | Cadmium nitrate  | 233-710-6              | 10022-68-1<br>10325-94-7            |
| 177                                 | Chrysene   | 205-923-4              | 218-01-9<br>1719-03-5               |
| 176                                 | Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™")  | -                      | -                                   |
| 175                                 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)  | -                      | -                                   |
| Date of Inclusion: Jul 07, 2017     |  | EC Number              | CAS Number                          |
| 174                                 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS)   | 206-587-1              | 355-46-4                            |
| Date of Inclusion: Dec 19, 2016     |  | EC Number              | CAS Number                          |
| 173                                 | p-(1,1-dimethylpropyl)phenol   | 201-280-9              | 80-46-6                             |
| 172                                 | 4-heptylphenol, branched and linear  | -                      | -                                   |
| 171                                 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts   | 206-400-3<br>221-470-5 | 335-76-2<br>3830-45-3<br>3108-42-7  |
| 170                                 | 4,4'-isopropylidenediphenol (bisphenol A)  | 201-245-8              | 80-5-7                              |
| Date of Inclusion: Jun 20, 2016     |  | EC Number              | CAS Number                          |
| 169                                 | Benzo[def]chrysene (Benzo[a]pyrene)  | 200-028-5              | 50-32-8                             |
| Date of Inclusion: Dec 17, 2015     |  | EC Number              | CAS Number                          |
| 168                                 | 1,3-propanesultone   | 214-317-9              | 1120-71-4                           |
| 167                                 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)   | 223-383-8              | 3864-99-1                           |
| 166                                 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)   | 253-037-1              | 36437-37-3                          |
| 165                                 | Nitrobenzene   | 202-716-0              | 98-95-3                             |
| 164                                 | Perfluorononan-1-ic-acid and its sodium and ammonium salts   | 206-801-3              | 4149-60-4<br>375-95-1<br>21049-39-8 |
| Date of Inclusion: Jun 15, 2015     |  | EC Number              | CAS Number                          |
| 163                                 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥0.3% of dihexyl phthalate (EC No. 201-559-5)   | 272-013-1<br>271-094-0 | 68648-93-1<br>68515-51-5            |
| 162                                 | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]                    | -                      | -                                   |
| Date of Inclusion: Dec 17, 2014     |  | EC Number              | CAS Number                          |
| 161                                 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)   | 247-384-8              | 25973-55-1                          |
| 160                                 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)   | 223-346-6              | 3846-71-7                           |
| 159                                 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)   | 239-622-4              | 15571-58-1                          |
| 158                                 | Cadmium fluoride   | 232-222-0              | 7790-79-6                           |
| 157                                 | 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) | -                      | -                                   |
| 156                                 | Cadmium sulphate   | 233-331-6              | 10124-36-4<br>31119-53-6            |
| Date of Inclusion: Jun 16, 2014     |  | EC Number              | CAS Number                          |
| 155                                 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear   | 271-093-5              | 68515-50-4                          |
| 154                                 | Sodium perborate, perboric acid, sodium salt   | 234-390-0<br>239-172-9 | 11138-47-9<br>15120-21-5            |
| 153                                 | Sodium peroxometaborate  | 231-556-4              | 7632-04-4                           |
| 152                                 | Cadmium chloride   | 233-296-7              | 10108-64-2                          |
| Date of Inclusion: Dec 16, 2013     |  | EC Number              | CAS Number                          |
| 151                                 | Cadmium sulphide   | 215-147-8              | 1306-23-6                           |

|  |   |                  |                   |
|--|---|------------------|-------------------|
| 150                                    | 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         |
| 149                                    | Dihexyl phthalate   | 201-559-5        | 84-75-3           |
| 148                                    | Imidazolidine-2-thione; (2-imidazoline-2-thiol)   | 202-506-9        | 96-45-7           |
| 147                                    | Trixylyl phosphate  | 246-677-8        | 25155-23-1        |
| 146                                    | 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          |
| 145                                    | Lead di(acetate)  | 206-104-4        | 301-04-2          |
| <b>Date of Inclusion: Jun 20, 2013</b> |   | <b>EC Number</b> | <b>CAS Number</b> |
| 144                                    | Cadmium   | 231-152-8        | 7440-43-9         |
| 143                                    | Ammonium pentadecafluorooctanoate (APFO)  | 223-320-4        | 3825-26-1         |
| 142                                    | Pentadecafluorooctanoic acid (PFOA)   | 206-397-9        | 335-67-1          |
| 141                                    | Dipentyl phthalate (DPP)  | 205-017-9        | 131-18-0          |
| 140                                    | 4-Nonylphenol, branched and linear, ethoxylated   | -                | -                 |
| 139                                    | Cadmium oxide   | 215-146-2        | 1306-19-0         |
| <b>Date of Inclusion: Dec 19, 2012</b> |   | <b>EC Number</b> | <b>CAS Number</b> |
| 138                                    | Trilead dioxide phosphonate   | 235-252-2        | 12141-20-7        |
| 137                                    | Trilead bis(carbonate)dihydroxide   | 215-290-6        | 1319-46-6         |
| 136                                    | Tricosafuorododecanoic acid   | 206-203-2        | 307-55-1          |
| 135                                    | Tetralead trioxide sulphate   | 235-380-9        | 12202-17-4        |
| 134                                    | Tetraethyllead  | 201-075-4        | 78-00-2           |
| 133                                    | Sulfurous acid, lead salt, dibasic  | 263-467-1        | 62229-08-7        |
| 132                                    | Silicic acid, lead salt   | 234-363-3        | 11120-22-2        |
| 131                                    | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped  | 272-271-5        | 68784-75-8        |
| 130                                    | Pyrochlore, antimony lead yellow  | 232-382-1        | 8012-00-8         |
| 129                                    | Pentalead tetraoxide sulphate   | 235-067-7        | 12065-90-6        |
| 128                                    | Pentacosafuorotridecanoic acid  | 276-745-2        | 72629-94-8        |
| 127                                    | Orange lead (lead tetroxide)  | 215-235-6        | 1314-41-6         |
| 126                                    | o-Toluidine   | 202-429-0        | 95-53-4           |
| 125                                    | o-aminoazotoluene   | 202-591-2        | 97-56-3           |
| 124                                    | N-pentyl-isopentylphthalate   | -                | 776297-69-9       |
| 123                                    | N-methylacetamide   | 201-182-6        | 79-16-3           |
| 122                                    | N,N-dimethylformamide   | 200-679-5        | 68-12-2           |
| 121                                    | Methyloxirane (Propylene oxide)   | 200-879-2        | 75-56-9           |
| 120                                    | Methoxyacetic acid  | 210-894-6        | 625-45-6          |
| 119                                    | Lead titanium zirconium oxide   | 235-727-4        | 12626-81-2        |
| 118                                    | Lead titanium trioxide  | 235-038-9        | 12060-00-3        |
| 117                                    | Lead oxide sulfate  | 234-853-7        | 12036-76-9        |
| 116                                    | Lead monoxide (lead oxide)  | 215-267-0        | 1317-36-8         |
| 115                                    | Lead dinitrate  | 233-245-9        | 10099-74-8        |
| 114                                    | Lead cyanamidate  | 244-073-9        | 20837-86-9        |
| 113                                    | Lead bis(tetrafluoroborate)   | 237-486-0        | 13814-96-5        |
| 112                                    | Hexahydromethylphthalic anhydride   | 243-072-0        | 19438-60-9        |
|  |   | 260-566-1        | 57110-29-9        |
|  |   | 256-356-4        | 48122-14-1        |
|  |   | 247-094-1        | 25550-51-0        |
| 111                                    | Heptacosafuorotetradecanoic acid  | 206-803-4        | 376-06-7          |
| 110                                    | Henicosafuoroundecanoic acid  | 218-165-4        | 2058-94-8         |
| 109                                    | Furan   | 203-727-3        | 110-00-9          |
| 108                                    | Fatty acids, C16-18, lead salts   | 292-966-7        | 91031-62-8        |
| 107                                    | Dioxobis(stearato)trilead   | 235-702-8        | 12578-12-0        |
| 106                                    | Dinoseb (6-sec-butyl-2,4-dinitrophenol)   | 201-861-7        | 88-85-7           |
| 105                                    | Dimethyl sulphate   | 201-058-1        | 77-78-1           |
| 104                                    | Diisopentylphthalate  | 210-088-4        | 605-50-5          |
| 103                                    | Diethyl sulphate  | 200-589-6        | 64-67-5           |
| 102                                    | Dibutyltin dichloride (DBTC)  | 211-670-0        | 683-18-1          |
| 101                                    | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))   | 204-650-8        | 123-77-3          |
| 100                                    | Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry] | 201-604-9        | 13149-00-3        |
|  |   | 236-086-3        | 85-42-7           |
|  |   | 238-009-9        | 14166-21-3        |
| 99                                     | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)  | 214-604-9        | 1163-19-5         |
| 98                                     | Biphenyl-4-ylamine  | 202-177-1        | 92-67-1           |
| 97                                     | Acetic acid, lead salt, basic   | 257-175-3        | 51404-69-4        |
| 96                                     | [Phthalato(2-)]dioxotrilead   | 273-688-5        | 69011-06-9        |
| 95                                     | 6-methoxy-m-toluidine (p-cresidine)   | 204-419-1        | 120-71-8          |
| 94                                     | 4-Nonylphenol, branched and linear  | -                | -                 |
| 93                                     | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)   | 202-453-1        | 95-80-7           |
| 92                                     | 4-Aminoazobenzene   | 200-453-6        | 60-09-3           |
| 91                                     | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated   | -                | -                 |
| 90                                     | 4,4'-oxydianiline and its salts   | 202-977-0        | 101-80-4          |
| 89                                     | 4,4'-methylenedio-toluidine   | 212-658-8        | 838-88-0          |
| 88                                     | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine  | 421-150-7        | 143860-04-2       |
| 87                                     | 1-bromopropane (n-propyl bromide)   | 203-445-0        | 106-94-5          |
| 86                                     | 1,2-Diethoxyethane  | 211-076-1        | 629-14-1          |
| 85                                     | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear  | 284-032-2        | 84777-06-0        |
| <b>Date of Inclusion: Jun 18, 2012</b> |   | <b>EC Number</b> | <b>CAS Number</b> |
| 84                                     | α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]  | 229-851-8        | 6786-83-0         |
| 83                                     | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)  | 202-959-2        | 101-61-1          |
| 82                                     | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)   | 423-400-0        | 59653-74-6        |
| 81                                     | Diboron trioxide  | 215-125-8        | 1303-86-2         |
| 80                                     | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)   | 203-977-3        | 112-49-2          |

|  |   |                        |                                      |
|--|---|------------------------|--------------------------------------|
| 79                                     | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]   | 209-218-2              | 561-41-1                             |
| 78                                     | Lead(II) bis(methanesulfonate)  | 401-750-5              | 17570-76-2                           |
| 77                                     | Formamide   | 200-842-0              | 75-12-7                              |
| 76                                     | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]                  | 208-953-6              | 548-62-9                             |
| 75                                     | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)   | 203-794-9              | 110-71-4                             |
| 74                                     | [4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 219-943-6              | 2580-56-5                            |
| 73                                     | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)  | 219-514-3              | 2451-62-9                            |
| 72                                     | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)  | 202-027-5              | 90-94-8                              |
| <b>Date of Inclusion: Dec 19, 2011</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 71                                     | 4-(1,1,3,3-tetramethylbutyl)phenol  | 205-426-2              | 140-66-9                             |
| 70                                     | N,N-dimethylacetamide   | 204-826-4              | 127-19-5                             |
| 69                                     | Phenolphthalein   | 201-004-7              | 77-09-8                              |
| 68                                     | Lead diazide, Lead azide  | 236-542-1              | 13424-46-9                           |
| 67                                     | Lead dipicrate  | 229-335-2              | 6477-64-1                            |
| 66                                     | 1,2-dichloroethane  | 203-458-1              | 107-06-2                             |
| 65                                     | Calcium arsenate  | 231-904-5              | 7778-44-1                            |
| 64                                     | Dichromium tris(chromate)   | 246-356-2              | 24613-89-6                           |
| 63                                     | 2-Methoxyaniline; o-Anisidine   | 201-963-1              | 90-04-0                              |
| 62                                     | Pentazinc chromate octahydroxide  | 256-418-0              | 49663-84-5                           |
| 61                                     | Arsenic acid  | 231-901-9              | 7778-39-4                            |
| 60                                     | Potassium hydroxyoctaoxidizincatedichromate   | 234-329-8              | 11103-86-9                           |
| 59                                     | Formaldehyde, oligomeric reaction products with aniline   | 500-036-1              | 25214-70-4                           |
| 58                                     | Lead styphnate  | 239-290-0              | 15245-44-0                           |
| 57                                     | Trilead diarsenate  | 222-979-5              | 3687-31-8                            |
| 56                                     | Zirconia Aluminosilicate Refractory Ceramic Fibres  | -                      | -                                    |
| 55                                     | Bis(2-methoxyethyl) phthalate   | 204-212-6              | 117-82-8                             |
| 54                                     | Aluminosilicate Refractory Ceramic Fibres   | -                      | -                                    |
| 53                                     | Bis(2-methoxyethyl) ether   | 203-924-4              | 111-96-6                             |
| 52                                     | 2,2'-dichloro-4,4'-methylenedianiline   | 202-918-9              | 101-14-4                             |
| 51                                     | Cobalt dichloride   | 231-589-4              | 7646-79-9                            |
| <b>Date of Inclusion: Jun 20, 2011</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 50                                     | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich  | 276-158-1              | 71888-89-6                           |
| 49                                     | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters   | 271-084-6              | 68515-42-4                           |
| 48                                     | Strontium chromate  | 232-142-6              | 7789-06-2                            |
| 47                                     | 1-Methyl-2-pyrrolidone  | 212-828-1              | 872-50-4                             |
| 46                                     | 1,2,3-Trichloropropane  | 202-486-1              | 96-18-4                              |
| 45                                     | 2-Ethoxyethyl acetate   | 203-839-2              | 111-15-9                             |
| 44                                     | Hydrazine   | 206-114-9              | 302-01-2<br>7803-57-8                |
| <b>Date of Inclusion: Dec 15, 2010</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 43                                     | Cobalt(II) diacetate  | 200-755-8              | 71-48-7                              |
| 42                                     | Cobalt(II) sulphate   | 233-334-2              | 10124-43-3                           |
| 41                                     | 2-Ethoxyethanol   | 203-804-1              | 110-80-5                             |
| 40                                     | Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.   | 231-801-5<br>236-881-5 | 13530-68-2<br>7738-94-5              |
| 39                                     | 2-Methoxyethanol  | 203-713-7              | 109-86-4                             |
| 38                                     | Chromium trioxide   | 215-607-8              | 1333-82-0                            |
| 37                                     | Cobalt(II) carbonate  | 208-169-4              | 513-79-1                             |
| 36                                     | Cobalt(II) dinitrate  | 233-402-1              | 10141-05-6                           |
| <b>Date of Inclusion: Jun 18, 2010</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 35                                     | Trichloroethylene   | 201-167-4              | 79-01-6                              |
| 34                                     | Potassium dichromate  | 231-906-6              | 7778-50-9                            |
| 33                                     | Tetraboron disodium heptaoxide, hydrate   | 235-541-3              | 12267-73-1                           |
| 32                                     | Ammonium dichromate   | 232-143-1              | 7789-09-5                            |
| 31                                     | Boric acid  | 233-139-2<br>234-343-4 | 11113-50-1<br>10043-35-3             |
| 30                                     | Sodium chromate   | 231-889-5              | 7775-11-3                            |
| 29                                     | Disodium tetraborate, anhydrous   | 215-540-4              | 12179-04-3<br>1303-96-4<br>1330-43-4 |
| 28                                     | Potassium chromate  | 232-140-5              | 7789-00-6                            |
| <b>Date of Inclusion: Mar 30, 2010</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 27                                     | Acrylamide  | 201-173-7              | 79-06-1                              |
| <b>Date of Inclusion: Jan 13, 2010</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 26                                     | Lead sulfochromate yellow (C.I. Pigment Yellow 34)  | 215-693-7              | 1344-37-2                            |
| 25                                     | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)   | 235-759-9              | 12656-85-8                           |
| 24                                     | Anthracene oil  | 292-602-7              | 90640-80-5                           |
| 23                                     | 2,4-Dinitrotoluene  | 204-450-0              | 121-14-2                             |
| 22                                     | Anthracene oil, anthracene paste, anthracene fraction   | 295-275-9              | 91995-15-2                           |
| 21                                     | Anthracene oil, anthracene-low  | 292-604-8              | 90640-82-7                           |
| 20                                     | Tris(2-chloroethyl)phosphate  | 204-118-5              | 115-96-8                             |
| 19                                     | Diisobutyl phthalate  | 201-553-2              | 84-69-5                              |
| 18                                     | Lead chromate   | 231-846-0              | 7758-97-6                            |
| 17                                     | Anthracene oil, anthracene paste  | 292-603-2              | 90640-81-6                           |
| 16                                     | Pitch, coal tar, high temp.   | 266-028-2              | 65996-93-2                           |
| 15                                     | Anthracene oil, anthracene paste, distn. lights   | 295-278-5              | 91995-17-4                           |
| <b>Date of Inclusion: Oct 28, 2008</b> |   | <b>EC Number</b>       | <b>CAS Number</b>                    |
| 14                                     | Lead hydrogen arsenate  | 232-064-2              | 7784-40-9                            |

|    |   |                        |  |
|----|---|------------------------|--|
| 13 | Benzyl butyl phthalate (BBP)  | 201-622-7              | 85-68-7  |
| 12 | Bis (2-ethylhexyl)phthalate (DEHP)  | 204-211-0              | 117-81-7   |
| 11 | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)  | 201-329-4              | 81-15-2  |
| 10 | Diarsenic trioxide  | 215-481-4              | 1327-53-3  |
| 9  | Bis(tributyltin)oxide (TBTO)  | 200-268-0              | 56-35-9  |
| 8  | Triethyl arsenate   | 427-700-2              | 15606-95-8   |
| 7  | Diarsenic pentaoxide  | 215-116-9              | 1303-28-2  |
| 6  | Sodium dichromate   | 234-190-3              | 10588-01-9<br>7789-12-0  |
| 5  | Dibutyl phthalate (DBP)   | 201-557-4              | 84-74-2  |
| 4  | 4,4'- Diaminodiphenylmethane (MDA)  | 202-974-4              | 101-77-9   |
| 3  | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)   | 287-476-5              | 85535-84-8   |
| 2  | Anthracene  | 204-371-1              | 120-12-7   |
| 1  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane | 247-148-4<br>221-695-9 | 25637-99-4<br>134237-52-8<br>3194-55-6<br>134237-50-6<br>134237-51-7 |