

Quality&Environment

Fagor Electrónica Semiconductores

9INFORMATION STATEMENT

Subject: REACH Regulation

Fagor Electrónica will fulfil the requirements to implement the European regulation EC 1907/2006 “REACH”.

Fagor Electrónica as downstream user is in contact with their suppliers to assure that all substances concerned are registered or have been pre-registered according to the REACH requirements.

Also we will make the appropriate notifications to our customers regarding substances of very high concern (SVHC) contained in our products, according to the Candidate list.

At present all of our products and packaging materials:

- Don't contain any of the substances included in the Candidate list of substances of very high concern, issued by European Chemical Agency (ECHA), with exception of Lead, which may be contained in some products (please see note * below Table).
- Fulfil the restrictions for banned substances according to Annex XVII of EC1907/2006 regulation

January 24th, 2024



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Environment and Health&Safety Director
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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|-------------------------------------------------------------|-------------|-----------|---------------------------|
| 1 | Anthracene | 120-12-7 | 204-371-1 | 28-Oct-08 |
| 2 | 4,4'- Diaminodiphenylmethane | 101-77-9 | 202-974-4 | 28-Oct-08 |
| 3 | Dibutylphthalate | 84-74-2 | 201-557-4 | 28-Oct-08 |
| 4 | Cobaltdichloride | 7646-79-9 | 231-589-4 | 28-Oct-08 |
| 5 | Diarsenicpentaoxide | 1303-28-2 | 215-116-9 | 28-Oct-08 |
| 6 | Diarsenictrioxide | 1327-53-3 | 215-481-4 | 28-Oct-08 |
| 7 | Sodiumdichromate (Dihydrate) | 7789-12-0 | 234-190-3 | 28-Oct-08 |
| | Sodiumdichromate (Anhydrous) | 10588-01-9 | 234-190-3 | 28-Oct-08 |
| 8 | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 201-329-4 | 28-Oct-08 |
| 9 | Bis (2-ethyl(hexyl)phthalate) (DEHP) | 117-81-7 | 204-211-0 | 28-Oct-08 |
| 10 | Hexabromocyclododecane (HBCDD) | 25637-99-4 | 247-148-4 | 28-Oct-08 |
| | 1,2,5,6,9,10-Hexabromocyclododecane | 3194-55-6 | 221-695-9 | 28-Oct-08 |
| | α - HBCDD | 134237-51-6 | 221-695-9 | 28-Oct-08 |
| | β -HBCDD | 134237-50-7 | 221-695-9 | 28-Oct-08 |
| | γ -HBCDD | 134237-52-8 | 221-695-9 | 28-Oct-08 |
| 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 287-476-5 | 28-Oct-08 |
| 12 | Bis(tributyltin)oxide | 56-35-9 | 200-268-0 | 28-Oct-08 |

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| 13 | Lead hydrogenarsenate | 7784-40-9 | 232-064-2 | 28-Oct-08 |
| 14 | Benzybutylphthalate | 85-68-7 | 201-622-7 | 28-Oct-08 |
| 15 | Triethylarsenate | 15606-95-8 | 427-700-2 | 28-Oct-08 |
| 16 | Anthraceneoil | 90640-80-5 | 292-602-7 | 13-Jan-10 |
| 17 | Anthracene oil, anthracene paste, distn. Lights | 91995-17-4 | 295-278-5 | 13-Jan-10 |
| 18 | Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | 295-275-9 | 13-Jan-10 |
| 19 | Anthraceneoil, anthracene-low | 90640-82-7 | 292-604-8 | 13-Jan-10 |
| 20 | Anthraceneoil, anthracene paste | 90640-81-6 | 292-603-2 | 13-Jan-10 |
| 21 | Coal tar pitch, high temperature | 65996-93-2 | 266-028-2 | 13-Jan-10 |
| 22 | 2,4-Dinitrotoluene | 121-14-2 | 204-450-0 | 13-Jan-10 |
| 23 | Diisobutylphthalate | 84-69-5 | 201-553-2 | 13-Jan-10 |
| 24 | Lead chromate | 7758-97-6 | 231-846-0 | 13-Jan-10 |
| 25 | Lead chromate molybdatesulphate red (C.I. Pigment Red 104) | 12656-85-8 | 235-759-9 | 13-Jan-10 |
| 26 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 1344-37-2 | 215-693-7 | 13-Jan-10 |
| 27 | Tris(2-chloroethyl)phosphate | 115-96-8 | 204-118-5 | 13-Jan-10 |
| 28 | Acrylamide | 79-06-1 | 201-173-7 | 30-Mar-10 |
| 29 | Trichloroethylene | 79-01-6 | 201-167-4 | 18-Jun-10 |

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|--------|---------------------------------------|------------|-----------|---------------------------|
| 30 | Boricacid | 10043-35-3 | 233-139-2 | 18-Jun-10 |
| | | 11113-50-1 | 234-343-4 | 18-Jun-10 |
| 31 | Disodiumtetraborate, anhydrous | 1330-43-4 | 215-540-4 | 18-Jun-10 |
| | | 12179-04-3 | | 18-Jun-10 |
| | | 1303-96-4 | | 18-Jun-10 |
| 32 | Tetraborondisodiumheptaoxide, hydrate | 12267-73-1 | 235-541-3 | 18-Jun-10 |
| 33 | Sodiumchromate | 7775-11-3 | 231-889-5 | 18-Jun-10 |
| 34 | Potassiumchromate | 7789-00-6 | 232-140-5 | 18-Jun-10 |
| 35 | Ammoniumdichromate | 7789-09-5 | 232-143-1 | 18-Jun-10 |
| 36 | Potassiumdichromate | 7778-50-9 | 231-906-6 | 18-Jun-10 |
| 37 | Cobalt(II) sulphate | 10124-43-3 | 233-334-2 | 15-Dec-10 |
| 38 | Cobalt(II) dinitrate | 10141-05-6 | 233-402-1 | 15-Dec-10 |
| 39 | Cobalt(II) carbonate | 513-79-1 | 208-169-4 | 15-Dec-10 |
| 40 | Cobalt(II) diacetate | 71-48-7 | 200-755-8 | 15-Dec-10 |
| 41 | 2-Methoxyethanol | 109-86-4 | 203-713-7 | 15-Dec-10 |
| 42 | 2-Ethoxyethanol | 110-80-5 | 203-804-1 | 15-Dec-10 |
| 43 | Chromiumtrioxide | 1333-82-0 | 215-607-8 | 15-Dec-10 |

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| 44 | Acids generated from chromium trioxide and their oligomers: | | | 15-Dec-10 |
| | Chromicacid | 7738-94-5 | 231-801-5 | 15-Dec-10 |
| | Dichromicacid | 13530-68-2 | 236-881-5 | 15-Dec-10 |
| | Oligomers of chromic acid and dichromic acid | - | - | 15-Dec-10 |
| 45 | 2-ethoxyethyl acetate | 111-15-9 | 203-839-2 | 20-Jun-11 |
| 46 | strontiumchromate | 7789-06-2 | 232-142-6 | 20-Jun-11 |
| 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) | 68515-42-4 | 271-084-6 | 20-Jun-11 |
| 48 | Hydrazine | 302-01-2 / 7803-57-8 | 206-114-9 | 20-Jun-11 |
| 49 | 1-methyl-2-pyrrolidone | 872-50-4 | 212-828-1 | 20-Jun-11 |
| 50 | 1,2,3-trichloropropane | 96-18-4 | 202-486-1 | 20-Jun-11 |
| 51 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) | 71888-89-6 | 276-158-1 | 20-Jun-11 |
| 52 | Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight | | | 19-Dec-11 |

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| 53 | Calciumarsenate | 7778-44-1 | 231-904-5 | 19-Dec-11 |
| 54 | Bis(2-methoxyethyl) ether | 111-96-6 | 203-924-4 | 19-Dec-11 |
| 55 | Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight | | | 19-Dec-11 |
| 56 | Potassiumhydroxyoctaoxidizincatedichromate | 11103-86-9 | 234-329-8 | 19-Dec-11 |
| 57 | Lead dipicrate | 6477-64-1 | 229-335-2 | 19-Dec-11 |
| 58 | N,N-dimethylacetamide | 127-19-5 | 204-826-4 | 19-Dec-11 |
| 59 | Arsenicacid | 7778-39-4 | 231-901-9 | 19-Dec-11 |
| 60 | 2-Methoxyaniline; o-Anisidine | 90-04-0 | 201-963-1 | 19-Dec-11 |
| 61 | Trileaddiarsenate | 3687-31-8 | 222-979-5 | 19-Dec-11 |
| 62 | 1,2-dichloroethane | 107-06-2 | 203-458-1 | 19-Dec-11 |
| 63 | Pentazincchromateoctahydroxide | 49663-84-5 | 256-418-0 | 19-Dec-11 |
| 64 | 4-(1,1,3,3-tetramethylbutyl)phenol | 140-66-9 | 205-426-2 | 19-Dec-11 |

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| 65 | Formaldehyde, oligomeric reaction products with aniline | 25214-70-4 | 500-036-1 | 19-Dec-11 |
| 66 | Bis(2-methoxyethyl) phthalate | 117-82-8 | 204-212-6 | 19-Dec-11 |
| 67 | Lead diazide, Lead azide | 13424-46-9 | 236-542-1 | 19-Dec-11 |
| 68 | Lead styphnate | 15245-44-0 | 239-290-0 | 19-Dec-11 |
| 69 | 2,2'-dichloro-4,4'-methylenedianiline | 101-14-4 | 202-918-9 | 19-Dec-11 |
| 70 | Phenolphthalein | 77-09-8 | 201-004-7 | 19-Dec-11 |
| 71 | Dichromium tris(chromate) | 24613-89-6 | 246-356-2 | 19-Dec-11 |
| 72 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 | 203-977-3 | 18-Jun-12 |
| 73 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 203-794-9 | 18-Jun-12 |
| 74 | Diborontrioxide | 1303-86-2 | 215-125-8 | 18-Jun-12 |
| 75 | Formamide | 75-12-7 | 200-842-0 | 18-Jun-12 |
| 76 | Lead(II) bis(methanesulfonate) | 17570-76-2 | 401-750-5 | 18-Jun-12 |
| 77 | 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC) | 2451-62-9 | 219-514-3 | 18-Jun-12 |
| 78 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC) | 59653-74-6 | 423-400-0 | 18-Jun-12 |
| 79 | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 90-94-8 | 202-027-5 | 18-Jun-12 |
| 80 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 202-959-2 | 18-Jun-12 |
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| 81 | [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)] | 2580-56-5 | 219-943-6 | 18-Jun-12 |
| 82 | [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)] | 548-62-9 | 208-953-6 | 18-Jun-12 |
| 83 | 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)] | 561-41-1 | 209-218-2 | 18-Jun-12 |
| 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)] | 6786-83-0 | 229-851-8 | 18-Jun-12 |
| 85 | Pyrochlore, antimony lead yellow | 8012-00-8 | 232-382-1 | 19-Dec-12 |
| 86 | 6-methoxy-m-toluidine (p-cresidine) | 120-71-8 | 204-419-1 | 19-Dec-12 |
| 87 | Henicosaflluoroundecanoic acid | 2058-94-8 | 218-165-4 | 19-Dec-12 |
| 88 | Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry] | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 247-094-1, 243-072-0, 256-356-4, 260-566-1 | 19-Dec-12 |
| 89 | 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] | 85-42-7, 13149-00-3, 14166-21-3 | 201-604-9, 236-086-3, 238-009-9 | 19-Dec-12 |
| 90 | Dibutyltindichloride (DBTC) | 683-18-1 | 211-670-0 | 19-Dec-12 |

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| 91 | Lead bis(tetrafluoroborate) | 13814-96-5 | 237-486-0 | 19-Dec-12 |
| 92 | Lead dinitrate | 10099-74-8 | 233-245-9 | 19-Dec-12 |
| 93 | Silicicacid, lead salt | 11120-22-2 | 234-363-3 | 19-Dec-12 |
| 94 | 4-Aminoazobenzene | 60-09-3 | 200-453-6 | 19-Dec-12 |
| 95 | Lead titaniumzirconium oxide | 12626-81-2 | 235-727-4 | 19-Dec-12 |
| 96 | Lead monoxide (lead oxide) | 1317-36-8 | 215-267-0 | 19-Dec-12 |
| 97 | o-Toluidine | 95-53-4 | 202-429-0 | 19-Dec-12 |
| 98 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 421-150-7 | 19-Dec-12 |
| 99 | Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] | 68784-75-8 | 272-271-5 | 19-Dec-12 |
| 100 | Trilead bis(carbonate)dihydroxide | 1319-46-6 | 215-290-6 | 19-Dec-12 |
| 101 | Furan | 110-00-9 | 203-727-3 | 19-Dec-12 |
| 102 | N,N-dimethylformamide | 68-12-2 | 200-679-5 | 19-Dec-12 |
| 103 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] | - | - | 19-Dec-12 |
| 104 | 4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] | - | - | 19-Dec-12 |

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|--------|----------------------------------------------------------------|-------------|-----------|---------------------------|
| 105 | 4,4'-methylenedi-o-toluidine | 838-88-0 | 212-658-8 | 19-Dec-12 |
| 106 | Diethylsulphate | 64-67-5 | 200-589-6 | 19-Dec-12 |
| 107 | Dimethylsulphate | 77-78-1 | 201-058-1 | 19-Dec-12 |
| 108 | Lead oxide sulfate | 12036-76-9 | 234-853-7 | 19-Dec-12 |
| 109 | Lead titaniumtrioxide | 12060-00-3 | 235-038-9 | 19-Dec-12 |
| 110 | Acetic acid, lead salt, basic | 51404-69-4 | 257-175-3 | 19-Dec-12 |
| 111 | [Phthalato(2-)]dioxotrilead | 69011-06-9 | 273-688-5 | 19-Dec-12 |
| 112 | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) | 1163-19-5 | 214-604-9 | 19-Dec-12 |
| 113 | N-methylacetamide | 79-16-3 | 201-182-6 | 19-Dec-12 |
| 114 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 88-85-7 | 201-861-7 | 19-Dec-12 |
| 115 | 1,2-Diethoxyethane | 629-14-1 | 211-076-1 | 19-Dec-12 |
| 116 | Tetraleadtrioxidesulphate | 12202-17-4 | 235-380-9 | 19-Dec-12 |
| 117 | N-pentyl-isopentylphthalate | 776297-69-9 | - | 19-Dec-12 |
| 118 | Dioxobis(stearato)trilead | 12578-12-0 | 235-702-8 | 19-Dec-12 |
| 119 | Tetraethyllead | 78-00-2 | 201-075-4 | 19-Dec-12 |
| 120 | Pentaleadtetraoxidesulphate | 12065-90-6 | 235-067-7 | 19-Dec-12 |
| 121 | Pentacosafuorotridecanoicacid | 72629-94-8 | 276-745-2 | 19-Dec-12 |

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| 122 | Tricosafuorododecanoicacid | 307-55-1 | 206-203-2 | 19-Dec-12 |
| 123 | Heptacosafuorotetradecanoicacid | 376-06-7 | 206-803-4 | 19-Dec-12 |
| 124 | 1-bromopropane (n-propylbromide) | 106-94-5 | 203-445-0 | 19-Dec-12 |
| 125 | Methoxyaceticacid | 625-45-6 | 210-894-6 | 19-Dec-12 |
| 126 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 95-80-7 | 202-453-1 | 19-Dec-12 |
| 127 | Methyloxirane (Propylene oxide) | 75-56-9 | 200-879-2 | 19-Dec-12 |
| 128 | Trileaddioxidephosphonate | 12141-20-7 | 235-252-2 | 19-Dec-12 |
| 129 | o-aminoazotoluene | 97-56-3 | 202-591-2 | 19-Dec-12 |
| 130 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 284-032-2 | 19-Dec-12 |
| 131 | 4,4'-oxydianiline and its salts | 101-80-4 | 202-977-0 | 19-Dec-12 |
| 132 | Orange lead (lead tetroxide) | 1314-41-6 | 215-235-6 | 19-Dec-12 |
| 133 | Biphenyl-4-ylamine | 92-67-1 | 202-177-1 | 19-Dec-12 |
| 134 | Diisopentylphthalate | 605-50-5 | 210-088-4 | 19-Dec-12 |
| 135 | Fatty acids, C16-18, lead salts | 91031-62-8 | 292-966-7 | 19-Dec-12 |
| 136 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 204-650-8 | 19-Dec-12 |
| 137 | Sulfurous acid, lead salt, dibasic | 62229-08-7 | 263-467-1 | 19-Dec-12 |
| 138 | Lead cyanamidate | 20837-86-9 | 244-073-9 | 19-Dec-12 |
| 139 | Cadmium | 3825-26-1 | 231-152-8 | 20-Jun-13 |

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| 140 | Ammoniumpentadecafluorooctanoate (APFO) | 335-67-1 | 223-320-4 | 20-Jun-13 |
| 141 | Pentadecafluorooctanoicacid (PFOA) | 131-18-0 | 206-397-9 | 20-Jun-13 |
| 142 | Dipentylphthalate (DPP) | | 205-017-9 | 20-Jun-13 |
| 143 | 4-Nonylphenol, branched and linear, ethoxylated <i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]</i> | 1306-19-0 | | 20-Jun-13 |
| 144 | Cadmium oxide | 1306-23-6 | 215-146-2 | 20-Jun-13 |
| 145 | Cadmiumsulphide | | 215-147-8 | 16-Dec-13 |
| 146 | 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) | 1937-37-7 | 217-710-3 | 16-Dec-13 |
| 147 | Dihexylphthalate | 84-75-3 | 201-559-5 | 16-Dec-13 |
| 148 | Imidazolidine-2-thione; (2-imidazoline-2-thiol) | 96-45-7 | 202-506-9 | 16-Dec-13 |
| 149 | Trixylylphosphate | 25155-23-1 | 246-677-8 | 16-Dec-13 |
| 150 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) | 573-58-0 | 209-358-4 | 16-Dec-13 |
| 151 | Lead di(acetate) | 301-04-2 | 206-104-4 | 16-Dec-13 |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexylphthalate (DIHP)) | 68515-50-4 | 271-093-5 | 16-Jun-14 |
| 153 | Sodium perborate; perboric acid, sodium salt | -- | 239-172-9/ 234-390-0 | 16-Jun-14 |
| 154 | Sodium peroxometaborate | 7632-04-4 | 231-556-4 | 16-Jun-14 |

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| 155 | Cadmium chloride | 10108-64-2 | 233-296-7 | 16-Jun-14 |
| 156 | Cadmium sulphate | 10124-36-4,31119-53-6 | 233-331-6 | 17-Dec-14 |
| 157 | Cadmium fluoride | 7790-79-6 | 232-222-0 | 17-Dec-14 |
| 158 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 247-384-8 | 17-Dec-14 |
| 159 | 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-14 |
| 160 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 239-622-4 | 17-Dec-14 |
| 161 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 223-346-6 | 17-Dec-14 |
| 162 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5) | 68515-51-5 68648-93-1 | 271-094-0 272-013-1 | 15-Jun-15 |
| 163 | 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) | -- | -- | 15-Jun-15 |
| 164 | 1,3-propanesultone | 1120-71-4 | 214-317-9 | 17-dec-15 |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | 223-383-8 | 17-dec-15 |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 36437-37-3 | 253-037-1 | 17-dec-15 |
| 167 | Nitrobenzene | 98-95-3 | 202-716-0 | 17-dec-15 |

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------|---------------------------|
| 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 375-95-1 21049-39-8 4149-60-4 | 206-801-3 | 17-dec-15 |
| 169 | Benzo[def]chrysene | 50-32-8 | 200-028-5 | 20-jun-16 |
| 170 | p-(1,1-dimethylpropyl)phenol | 80-46-6 | 201-280-9 | 12-jan-17 |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts. Nonadecafluorodecanoic acid Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt | 335-76-2 3108-42-7 3830-45-3 | 206-400-3 221-470-5 -- | 12-jan-17 |
| 172 | 4-Heptylphenol, branched and linear | -- | -- | 12-jan-17 |
| 173 | 4,4'-isopropylidenediphenol | 80-05-7 | 201-245-8 | 12-jan-17 |
| 174 | Perfluorohexane-1-sulphonic acid and its salts | -- | -- | 07-jul-17 |
| 175 | Benz[a]anthracene | 56-55-3 1718-53-2 | 200-280-6 | 15-Jan-18 |
| 176 | Cadmium carbonate | 208-168-9 | 513-78-0 | 15-Jan-18 |
| 177 | Cadmium hydroxide | 244-168-5 | 21041-95-2 | 15-Jan-18 |
| 178 | Cadmium nitrate | 233-710-6 | 10022-68-1, 10325-94-7 | 15-Jan-18 |
| 179 | Chrysene | 205-923-4 | 218-01-9, 1719-03-5 | 15-Jan-18 |
| 180 | Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) <i>covering any of its individual anti- and syn-isomers or any combination thereof</i> | -- | -- | 15-Jan-18 |

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------|---------------------------|
| 181 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl) | -- | -- | 15-Jan-18 |
| 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride | 552-30-7 | 209-008-0 | 27-Jun-18 |
| 183 | Benzo[ghi]perylene | 191-24-2 | 205-883-8 | 27-Jun-18 |
| 184 | Decamethylcyclopentasiloxane | 541-02-6 | 208-764-9 | 27-Jun-18 |
| 185 | Dicyclohexyl phthalate | 84-61-7 | 201-545-9 | 27-Jun-18 |
| 186 | Disodium octaborate | 12008-41-2 | 234-541-0 | 27-Jun-18 |
| 187 | Dodecamethylcyclohexasiloxane | 540-97-6 | 208-762-8 | 27-Jun-18 |
| 188 | Ethylenediamine | 107-15-3 | 203-468-6 | 27-Jun-18 |
| 189 | Lead (*) | 7439-92-1 | 231-100-4 | 27-Jun-18 |
| 190 | Octamethylcyclotetrasiloxane | 556-67-2 | 209-136-7 | 27-Jun-18 |
| 191 | Terphenyl, hydrogenated | 61788-32-7 | 262-967-7 | 27-Jun-18 |
| 192 | Pyrene | 129-00-0 1718-52-1 | 204-927-3 | 15-Jan-19 |
| 193 | Phenanthrene | 85-01-8 | 201-581-5 | 15-Jan-19 |
| 194 | Fluoranthene | 206-44-0 93951-69-0 | 205-912-4 | 15-Jan-19 |

(*) Lead, which was added to the REACH Annex XIV as a Substance of Very High Concern(SVHC) on June 27th, 2018, can be present in some of our products. In such cases the lead is RoHS exempted with 7a (lead in high melting temperature type die attach solders) or 7c (lead in glass or ceramic). If present, Lead is listed in a material declaration.

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------------------|
| 195 | Benzo[k]fluoranthene | 207-08-9 | 205-916-6 | 15-Jan-19 |
| 196 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 6807-17-6 | 401-720-1 | 15-Jan-19 |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one <i>3-benzylidene camphor; 3-BC</i> | 15087-24-8 | 239-139-9 | 15-Jan-19 |
| 198 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides | -- | -- | 16-Jul-19 |
| 199 | 2-methoxyethyl acetate | 203-772-9 | 110-49-6 | 16-Jul-19 |
| 200 | 4-tert-butylphenol | 202-679-0 | 98-54-4 | 16-Jul-19 |
| 201 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) | -- | -- | 16-Jul-19 |
| 202 | Perfluorobutane sulfonic acid (PFBS) and its salts | -- | -- | 16-Jan-20 |
| 203 | Diisohexyl phthalate | 71850-09-4 | 276-090-2 | 16-Jan-20 |
| 204 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5 | 400-600-6 | 16-Jan-20 |
| 205 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 119313-12-1 | 404-360-3 | 16-Jan-20 |
| 206 | Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | 245-152-0 | 25-Jun-20 |
| 207 | Butyl 4-hydroxybenzoate | 94-26-8 | 202-318-7 | 25-Jun-20 |
| 208 | 2-methylimidazole | 693-98-1 | 211-765-7 | 25-Jun-20 |
| 209 | 1-vinylimidazole | 1072-63-5 | 214-012-0 | 25-Jun-20 |
| 210 | Bis(2-(2-methoxyethoxy)ethyl)ether | 143-24-8 | 205-594-7 | 19-Jan-21 |

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------|---------------------------|
| 211 | Diocetyl tin 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 <i>diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC n°: - número CAS.: -</i> <i>Stannane, dioctyl-, bis(coco acyloxy) derivs. EC n°: 293-901-5 número CAS.: 91648-39-4</i> <i>Diocetyl tin dilaurate EC n°: 222-883-3 número CAS.: 36</i> | -- | -- | 19-Jan-21 |
| 212 | 1,4-dioxane | 123-91-1 | 204-661-8 | 08-Jul-21 |
| 213 | 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) | 3296-90-0, 36483-57-5, 1522-92-5, 96-13-9 | 221-967-7, 253-057-0, 202-480-9 -- | 08-Jul-21 |
| 214 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers <i>(2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC n°: - número CAS.: 75166-31-3;</i> <i>2-(4-tert-butylbenzyl)propionaldehyde EC n°: 201-289-8 número CAS.: 80-54-6;</i> <i>(2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC n°: - número CAS.: 75166-30-2</i> | -- | -- | 08-Jul-21 |
| 215 | 4,4'-(1-methylpropylidene)bisphenol | 77-40-7 | 201-025-1 | 08-Jul-21 |
| 216 | glutaral | 111-30-8 | 203-856-5 | 08-Jul-21 |
| 217 | Medium-chain chlorinated paraffins (MCCP) <i>UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17</i> | 1372804-76-6, 85535-85-9, --, 198840-65-2 | --, 287-477-0, 950-299-5, -- | 08-Jul-21 |
| 218 | orthoboric acid, sodium salt: <i>boric acid (H3BO3), sodium salt, hydrate EC n°: - número CAS.: 25747-83-5</i> <i>Boric acid (H3BO3), disodium salt EC n°: - número CAS.: 22454-04-2</i> <i>Trisodium orthoborate EC n°: 238-253-6 número CAS.: 14312-40-4</i> <i>Boric acid, sodium salt EC n°: 215-604-1 número CAS.: 1333-73-9</i> <i>Orthoboric acid, sodium salt EC n°: 237-560-2 número CAS.: 13840-56-7</i> <i>Boric acid (H3BO3), sodium salt (1:1) EC n°: - número CAS.: 14890-53-0</i> | -- | -- | 08-Jul-21 |

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------------------|
| 219 | Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) <i>Phenol, 4-dodecyl, branched EC n°: - número CAS.: 210555-94-5</i> <i>4-isododecylphenol EC n°: - número CAS.: 27459-10-5</i> <i>Phenol, 4-isododecyl- EC n°: - número CAS.: 27147-75-7</i> <i>Phenol, dodecyl-, branched EC n°: 310-154-3 número CAS.: 121158-58-5</i> <i>Phenol, (tetrapropenyl) derivatives EC n°: - número CAS.: 74499-35-7</i> <i>Phenol, tetrapropylene- EC n°: - número CAS.: 57427-55-1</i> | -- | -- | 08-Jul-21 |
| 220 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol | 119-47-1 | 204-327-1 | 17-Jan-22 |
| 221 | tris(2-methoxyethoxy)vinylsilane | 1067-53-4 | 213-934-0 | 17-Jan-22 |
| 222 | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one (<i>individual isomers and/or combinations thereof (4-MBC)</i>) | -- | -- | 17-Jan-22 |
| 223 | 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 | 255881-94-8 | 401-850-9 | 17-Jan-22 |
| 224 | N-(hydroxymethyl)acrylamide | 924-42-5 | 213-103-2 | 10-Jun-22 |
| 225 | 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] | 37853-59-1 | 253-692-3 | 17-Jan-23 |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol | 79-94-7 | 201-236-9 | 17-Jan-23 |
| 227 | 4,4'-sulphonyldiphenol | 80-09-1 | 201-250-5 | 17-Jan-23 |
| 228 | Barium diboron tetraoxide | 13701-59-2 | 237-222-4 | 17-Jan-23 |

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------------------|
| 229 | bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof <i>Bis(2-ethylhexyl) tetrabromophthalate EC n°: 247-426-5 número CAS.: 26040-51-7</i> | -- | -- | 17-Jan-23 |
| 230 | Isobutyl 4-hydroxybenzoate | 4247-02-3 | 224-208-8 | 17-Jan-23 |
| 231 | Melamine | 108-78-1 | 203-615-4 | 17-Jan-23 |
| 232 | Perfluoroheptanoic acid and its salts <i>Ammonium perfluoroheptanoate EC n°: 228-098-2 número CAS.: 6130-43-4</i> <i>potassium perfluoroheptanoate EC n°: - número CAS.: 21049-36-5</i> <i>Perfluoroheptanoic acid EC n°: 206-798-9 número CAS.: 375-85-9</i> <i>Sodium perfluoroheptanoate EC n°: 243-518-4 número CAS.: 20109-59-5</i> | -- | -- | 17-Jan-23 |
| 233 | 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-23 |
| 234 | bis(4-chlorophenyl) sulphone | 80-07-9 | 201-247-9 | 14-Jun-23 |
| 235 | diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 | 278-355-8 | 14-Jun-23 |
| 236 | 2,4,6-tri-tert-butylphenol | 732-26-3 | 211-989-5 | 23-Jan-24 |
| 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) | 3147-75-9 | 221-573-5 | 23-Jan-24 |
| 238 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one | 119344-86-4 | 438-340-0 | 23-Jan-24 |

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| S. No. | Substance of Very High Concern (SVHC) | CAS # | EC Number | Date of inclusion by ECHA |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|---------------------------|
| 239 | Bumetrizole (UV-326) | 3896-11-5 | 223-445-4 | 23-Jan-24 |
| 240 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol <i>Phenol, methylstyrenated EC n°: 270-966-8 número CAS.: 68512-30-1</i> | -- | 700-960-7 | 23-Jan-24 |