



康揚企業股份有限公司

KANG YANG HARDWARE ENTERPRISES CO.,LTD.

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ISO 9001

ISO 14001

QC 080000

REACH SVHC Declaration

Customer: Anglia

Please see the attached Part Number list

| Does material/part contain any of the REACH SVHC above 1000 ppm? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
|--|-----------|------------|------------------|----------------|
| If Yes, please list* the substances: | | | | |
| Material | Substance | CAS Number | Proportion (ppm) | Purpose of use |
| | | | | |
| | | | | |
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| Item | CAS Number | EC Number | Chemical Name |
|------|--------------------------|-----------|--|
| 1 | 120-12-7 | 204-371-1 | Anthracene |
| 2 | 101-77-9 | 202-974-4 | 4,4'- Diaminodiphenylmethane (MDA) |
| 3 | 84-74-2 | 201-557-4 | Dibutyl phthalate (DBP) |
| 4 | 7646-79-9 | 231-589-4 | Cobalt dichloride |
| 5 | 1303-28-2 | 215-116-9 | Diarsenic pentaoxide |
| 6 | 1327-53-3 | 215-481-4 | Diarsenic trioxide |
| 7 | 10588-01-9, 7789-12-0 | 234-190-3 | Sodium dichromate |
| 8 | 81-15-2 | 201-329-4 | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) |
| 9 | 117-81-7 | 204-211-0 | Bis (2-ethylhexyl)phthalate (DEHP) |
| 10 | - | - | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified |
| | 134237-50-6 | - | alpha-hexabromocyclododecane |

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| | 134237-51-7 | - | beta-hexabromocyclododecane |
| | 134237-52-8 | - | gamma-hexabromocyclododecane |
| | 25637-99-4 | 247-148-4 | Hexabromocyclododecane (HBCDD) |
| | 3194-55-6 | 221-695-9 | 1,2,5,6,9,10-hexabromocyclodecane |
| 11 | 85535-84-8 | 287-476-5 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) |
| 12 | 56-35-9 | 200-268-0 | Bis(tributyltin) oxide (TBTO) |
| 13 | 7784-40-9 | 232-064-2 | Lead hydrogen arsenate |
| 14 | 15606-95-8 | 427-700-2 | Triethyl arsenate |
| 15 | 85-68-7 | 201-622-7 | Benzyl butyl phthalate (BBP) |
| 16 | 121-14-2 | 204-450-0 | 2,4-dinitrotoluene (2,4-DNT) |
| 17 | 90640-80-5 | 292-602-7 | Anthracene oil |
| 18 | 91995-17-4 | 295-278-5 | Anthracene oil, anthracene paste, distn. lights |
| 19 | 91995-15-2 | 295-275-9 | Anthracene oil, anthracene paste, anthracene fraction |
| 20 | 90640-82-7 | 292-604-8 | Anthracene oil, anthracene-low |
| 21 | 90640-81-6 | 292-603-2 | Anthracene oil, anthracene paste |
| 22 | 84-69-5 | 201-553-2 | Diisobutyl phthalate (DiBP) |
| 23 | 7758-97-6 | 231-846-0 | Lead chromate |
| 24 | 12656-85-8 | 235-759-9 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) |
| 25 | 1344-37-2 | 215-693-7 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) |
| 26 | 1979/6/1 | 201-173-7 | Acrylamide |
| 27 | 115-96-8 | 204-118-5 | Tris(2-chloroethyl) phosphate |
| 28 | 65996-93-2 | 266-028-2 | Pitch, coal tar, high-temp. |
| 29 | 1979/1/6 | 201-167-4 | Trichloroethylene |
| 30 | 10043-35-3 | 233-139-2 | Boric acid |
| | 11113-50-1 | 234-343-4 | Boric acid, crude natural |
| 31 | 12179-04-3, | 215-540-4 | Disodium tetraborate, anhydrous |
| | 1303-96-4, | | |
| | 1330-43-4 | | |
| 32 | 12267-73-1 | 235-541-3 | Tetraboron disodium heptaoxide, hydrate |
| 33 | 7775/11/3 | 231-889-5 | Sodium chromate |
| 34 | 7789-00-6 | 232-140-5 | Potassium chromate |
| 35 | 7789/9/5 | 232-143-1 | Ammonium dichromate |
| 36 | 7778-50-9 | 231-906-6 | Potassium dichromate |
| 37 | 10124-43-3 | 233-334-2 | Cobalt(II) sulphate |
| 38 | 10141-05-6 | 233-402-1 | Cobalt(II) dinitrate |
| 39 | 513-79-1 | 208-169-4 | Cobalt(II) carbonate |
| 40 | 71-48-7 | 200-755-8 | Cobalt(II) diacetate |
| 41 | 109-86-4 | 203-713-7 | 2-methoxyethanol |
| 42 | 110-80-5 | 203-804-1 | 2-ethoxyethanol |
| 43 | 1333-82-0 | 215-607-8 | Chromium trioxide |
| 44 | - | - | Acids generated from chromium trioxide and their oligomers : |
| | 7738-94-5 | 236-881-5 | Dichromic acid |
| | 13530-68-2 | 231-801-5 | Chromic acid |
| | - | - | Oligomers of chromic acid and dichromic acid |
| 45 | 111-15-9 | 203-839-2 | 2-ethoxyethyl acetate |

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| 46 | 7789/6/2 | 232-142-6 | Strontium chromate |
| 47 | 68515-42-4 | 271-084-6 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) |
| 48 | 302-01-2, | 206-114-9 | Hydrazine |
| | 7803-57-8 | | |
| 49 | 872-50-4 | 212-828-1 | 1-Methyl-2-pyrrolidone (NMP) |
| 50 | 96-18-4 | 202-486-1 | 1,2,3-trichloropropane |
| 51 | 71888-89-6 | 276-158-1 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) |
| 52 | 24613-89-6 | 246-356-2 | Dichromium tris(chromate) |
| 53 | 11103-86-9 | 234-329-8 | Potassium hydroxyoctaoxodizincatedichromate |
| 54 | 49663-84-5 | 256-418-0 | Pentazinc chromate octahydroxide |
| 55 | - | 650-017-00-8 | Aluminosilicate Refractory Ceramic Fibres (RCF) |
| 56 | - | 650-017-00-8 | Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) |
| 57 | 25214-70-4 | 500-036-1 | Formaldehyde, oligomeric reaction products with aniline (technical MDA) |
| 58 | 117-82-8 | 204-212-6 | Bis(2-methoxyethyl) phthalate (DMEP, BMEP) |
| 59 | 90-04-0 | 201-963-1 | 2-Methoxyaniline, o-Anisidine |
| 60 | 140-66-9 | 205-426-2 | 4-(1,1,3,3-tetramethylbutyl)phenol |
| 61 | 107-06-2 | 203-458-1 | 1,2-dichloroethane |
| 62 | 111-96-6 | 203-924-4 | Bis(2-methoxyethyl) ether |
| 63 | 7778-39-4 | 231-901-9 | Arsenic acid |
| 64 | 7778-44-1 | 231-904-5 | Calcium arsenate |
| 65 | 3687-31-8 | 222-979-5 | Trilead diarsenate |
| 66 | 127-19-5 | 204-826-4 | N,N-dimethylacetamide (DMAC) |
| 67 | 101-14-4 | 202-918-9 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA) |
| 68 | 1977/9/8 | 201-004-7 | Phenolphthalein |
| 69 | 13424-46-9 | 236-542-1 | Lead diazide, Lead azide |
| 70 | 15245-44-0 | 239-290-0 | Lead styphnate |
| 71 | 6477-64-1 | 229-335-2 | Lead dipicrate |
| 72 | 112-49-2 | 203-977-3 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme) |
| 73 | 110-71-4 | 203-794-9 | 1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME) |
| 74 | 1303-86-2 | 215-125-8 | Diboron trioxide |
| 75 | 1975/12/7 | 200-842-0 | Formamide |
| 76 | 17570-76-2 | 401-750-5 | Lead(II) bis(methanesulfonate) |
| 77 | 2451-62-9 | 219-514-3 | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) |
| 78 | 59653-74-6 | 423-400-0 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC) |
| 79 | 90-94-8 | 202-027-5 | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) |
| 80 | 101-61-1 | 202-959-2 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) |
| 81 | 2580-56-5 | 219-943-6 | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) |
| | | | with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) |
| 82 | 548-62-9 | 208-953-6 | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) |
| | | | with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) |
| 83 | 561-41-1 | 209-218-2 | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol |
| | | | with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) |
| 84 | 6786-83-0 | 229-851-8 | α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. |

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| | | | Solvent Blue 4) |
| | | | with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) |
| 85 | 1163-19-5 | 214-604-9 | Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) |
| 86 | 72629-94-8 | 276-745-2 | Pentacosaf fluorotridecanoic acid (PFTrDA) |
| 87 | 307-55-1 | 206-203-2 | Tricosaf fluorododecanoic acid (PFDoA) |
| 88 | 2058-94-8 | 218-165-4 | Henicosaf fluoroundecanoic acid (PFUdA) |
| 89 | 376-06-7 | 206-803-4 | Heptacosaf fluorotetradecanoic acid (PFTeDA) |
| 90 | 123-77-3 | 204-650-8 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) |
| 91 | - | - | Cyclohexane-1,2-dicarboxylic anhydride |
| | | | all possible combinations of the cis- and trans-isomers |
| | 13149-00-3 | 236-086-3 | cis-cyclohexane-1,2-dicarboxylic anhydride |
| | 14166-21-3 | 238-009-9 | trans-cyclohexane-1,2-dicarboxylic anhydride |
| | 85-42-7 | 201-604-9 | Cyclohexane-1,2-dicarboxylic anhydride |
| 92 | - | - | Hexahydromethylphthalic anhydride |
| | | | including cis- and trans- stereo isomeric forms and all possible combinations of the isomers |
| | 48122-14-1 | 256-356-4 | Hexahydro-1-methylphthalic anhydride |
| | 25550-51-0 | 247-094-1 | Hexahydromethylphthalic anhydride |
| | 19438-60-9 | 243-072-0 | Hexahydro-4-methylphthalic anhydride |
| | 57110-29-9 | 260-566-1 | Hexahydro-3-methylphthalic anhydride |
| 93 | - | - | 4-Nonylphenol, branched and linear, ethoxylated |
| | | | substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof |
| 94 | - | - | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated |
| | | | covering well-defined substances and UVCB substances, polymers and homologues |
| 95 | 625-45-6 | 210-894-6 | Methoxyacetic acid |
| 96 | 1968/12/2 | 200-679-5 | N,N-dimethylformamide (DMFA) |
| 97 | 683-18-1 | 211-670-0 | Dibutyltin dichloride (DBTC) |
| 98 | 1317-36-8 | 215-267-0 | Lead monoxide (lead oxide) |
| 99 | 1314-41-6 | 215-235-6 | Orange lead (lead tetroxide) |
| 100 | 13814-96-5 | 237-486-0 | Lead bis(tetrafluoroborate) |
| 101 | 1319-46-6 | 215-290-6 | Trilead bis(carbonate) dihydroxide |
| 102 | 12060-00-3 | 235-038-9 | Lead titanium trioxide |
| 103 | 12626-81-2 | 235-727-4 | Lead titanium zirconium oxide |
| 104 | 11120-22-2 | 234-363-3 | Silicic acid, lead salt |
| 105 | 68784-75-8 | 272-271-5 | Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped |
| 106 | 106-94-5 | 203-445-0 | 1-bromopropane (n-propyl bromide) |
| 107 | 75-56-9 | 200-879-2 | Methyloxirane (Propylene oxide) |
| 108 | 84777-06-0 | 284-032-2 | 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear (PiPP) |
| 109 | 605-50-5 | 210-088-4 | Diisopentyl phthalate (DiPP) |
| 110 | 776297-69-9 | - | N-pentyl-isopentylphthalate (PiPP) |
| 111 | 629-14-1 | 211-076-1 | 1,2-diethoxyethane |
| 112 | 51404-69-4 | 257-175-3 | Acetic acid, lead salt, basic |
| 113 | 12036-76-9 | 234-853-7 | Lead oxide sulfate |

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| 114 | 69011-06-9 | 273-688-5 | [Phthalato(2-)]dioxotrilead |
| 115 | 12578-12-0 | 235-702-8 | Dioxobis(stearato)trilead |
| 116 | 91031-62-8 | 292-966-7 | Fatty acids, C16-18, lead salts |
| 117 | 20837-86-9 | 244-073-9 | Lead cyanamidate |
| 118 | 10099-74-8 | 233-245-9 | Lead dinitrate |
| 119 | 12065-90-6 | 235-067-7 | Pentalead tetraoxide sulphate |
| 120 | 8012-00-8 | 232-382-1 | Pyrochlore, antimony lead yellow (C.I. Pigment Yellow 41) |
| 121 | 62229-08-7 | 263-467-1 | Sulfurous acid, lead salt, dibasic |
| 122 | 78-00-2 | 201-075-4 | Tetraethyllead |
| 123 | 12202-17-4 | 235-380-9 | Tetralead trioxide sulphate |
| 124 | 12141-20-7 | 235-252-2 | Trilead dioxide phosphonate |
| 125 | 110-00-9 | 203-727-3 | Furan |
| 126 | 64-67-5 | 200-589-6 | Diethyl sulphate |
| 127 | 77-78-1 | 201-058-1 | Dimethyl sulphate |
| 128 | 143860-04-2 | 421-150-7 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine |
| 129 | 88-85-7 | 201-861-7 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) |
| 130 | 838-88-0 | 212-658-8 | 4,4'-methylenedi-o-toluidine |
| 131 | 101-80-4 | 202-977-0 | 4,4'-oxydianiline and its salts |
| 132 | 1960/9/3 | 200-453-6 | 4-aminoazobenzene |
| 133 | 95-80-7 | 202-453-1 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) |
| 134 | 120-71-8 | 204-419-1 | 6-methoxy-m-toluidine (p-cresidine) |
| 135 | 92-67-1 | 202-177-1 | Biphenyl-4-ylamine |
| 136 | 97-56-3 | 202-591-2 | o-aminoazotoluene |
| 137 | 95-53-4 | 202-429-0 | o-toluidine |
| 138 | 79-16-3 | 201-182-6 | N-methylacetamide |
| 139 | 7440-43-9 | 231-152-8 | Cadmium |
| 140 | 1306-19-0 | 215-146-2 | Cadmium oxide |
| 141 | 3825-26-1 | 223-320-4 | Ammonium pentadecafluorooctanoate (APFO) |
| 142 | 335-67-1 | 206-397-9 | Pentadecafluorooctanoic acid (PFOA) |
| 143 | 131-18-0 | 205-017-9 | Dipentyl phthalate (DPP) |
| 144 | - | - | 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 |
| 145 | 1306-23-6 | 215-147-8 | Cadmium sulphide |
| 146 | 84-75-3 | 201-559-5 | Dihexyl phthalate |
| 147 | 573-58-0 | 209-358-4 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) |
| 148 | 1937-37-7 | 217-710-3 | 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) |
| 149 | 96-45-7 | 202-506-9 | Imidazolidine-2-thione (2-imidazoline-2-thiol) |
| 150 | 301-04-2 | 206-104-4 | Lead di(acetate) |
| 151 | 25155-23-1 | 246-677-8 | Trixylyl phosphate |
| 152 | 68515-50-4 | 271-093-5 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear |
| 153 | 11138-47-9 | 234-390-0 | Perboric acid, sodium salt |
| | 15120-21-5 | 239-172-9 | Sodium perborate |
| 154 | 7632/4/4 | 231-556-4 | Sodium peroxometaborate |

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| 155 | 10108-64-2 | 233-296-7 | Cadmium chloride |
| 156 | 7790-79-6 | 232-222-0 | Cadmium fluoride |
| 157 | 10124-36-4, | 233-331-6 | Cadmium sulphate |
| | 31119-53-6 | | |
| 158 | 3846-71-7 | 223-346-6 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) |
| 159 | 25973-55-1 | 247-384-8 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) |
| 160 | 15571-58-1 | 239-622-4 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) |
| 161 | - | - | 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) |
| 162 | 68648-93-1 | 272-013-1 | 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5) |
| | 68515-51-5 | 271-094-0 | 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5) |
| 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 |
| 164 | 98-95-3 | 202-716-0 | Nitrobenzene |
| 165 | 3864-99-1 | 223-383-8 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) |
| 166 | 36437-37-3 | 253-037-1 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) |
| 167 | 1120-71-4 | 214-317-9 | 1,3-propanesultone |
| 168 | - | - | Perfluorononan-1-oic-acid and its sodium and ammonium salts |
| | 375-95-1 | 206-801-3 | Perfluorononan-1-oic-acid |
| | 21049-39-8 | - | Sodium salts of perfluorononan-1-oic-acid |
| | 4149-60-4 | - | Ammonium salts of perfluorononan-1-oic-acid |
| 169 | 50-32-8 | 200-028-5 | Benzo[def]chrysene (Benzo[a]pyrene) |
| 170 | 1980/5/7 | 201-245-8 | 4,4'-isopropylidenediphenol (Bisphenol A; BPA) |
| 171 | - | - | 4-heptylphenol, branched and linear (4-HPbl) |
| 172 | - | - | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts |
| | 335-76-2 | 206-400-3 | Nonadecafluorodecanoic acid |
| | 3830-45-3 | - | Decanoic acid, nonadecafluoro-, sodium salt |
| | 3108-42-7 | 221-470-5 | Ammonium nonadecafluorodecanoate |
| 173 | 80-46-6 | 201-280-9 | p-(1,1-dimethylpropyl)phenol (PTAP) |
| 174 | 355-46-4 | 206-587-1 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS) |
| 175 | - | - | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) |
| 176 | 218-01-9, 1719-03-5 | 205-923-4 | Chrysene |
| 177 | 10022-68-1, 10325-94-7 | 233-710-6 | Cadmium nitrate |
| 178 | 21041-95-2 | 244-168-5 | Cadmium hydroxide |
| 179 | 513-78-0 | 208-168-9 | Cadmium carbonate |
| 180 | 56-55-3, 1718- 53-2 | 200-280-6 | Benz[a]anthracene |
| 181 | - | - | Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof) |
| 182 | 61788-32-7 | 262-967-7 | Terphenyl, hydrogenated |
| 183 | 556-67-2 | 209-136-7 | Octamethylcyclotetrasiloxane (D4) |

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| 184 | 7439-92-1 | 231-100-4 | Lead |
| 185 | 107-15-3 | 203-468-6 | Ethylenediamine (EDA) |
| 186 | 540-97-6 | 208-762-8 | Dodecamethylcyclohexasiloxane (D6) |
| 187 | 12008-41-2 | 234-541-0 | Disodium octaborate |
| 188 | 84-61-7 | 201-545-9 | Dicyclohexyl phthalate (DCHP) |
| 189 | 541-02-6 | 208-764-9 | Decamethylcyclopentasiloxane (D5) |
| 190 | 191-24-2 | 205-883-8 | Benzo[ghi]perylene |
| 191 | 552-30-7 | 209-008-0 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA) |
| 192 | 6807-17-6 | 401-720-1 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane |
| 193 | 207-08-9 | 205-916-6 | Benzo[k]fluoranthene |
| 194 | 206-44-0 | 205-912-4 | Fluoranthene |
| 195 | 1985/1/8 | 201-581-5 | Phenanthrene |
| 196 | 129-00-0 | 204-927-3 | Pyrene |
| 197 | 15087-24-8 | 239-139-9 | 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) |
| 196 | 129-00-0 | 204-927-3 | Pyrene |
| 197 | 15087-24-8 | 239-139-9 | 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3- benzylidene camphor) |
| 198 | - | - | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4- nonylphenol, branched and linear (4- NP) |
| 199 | 98-54-4 | 203-772-9 | 4-tert-butylphenol |
| 200 | 110-49-6 | 202-679-0 | 2-methoxyethyl acetate |
| 201 | - | - | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof |
| 202 | 71850-09-4 | 276-090-2 | Diisohexylphthalate |
| 203 | 119313-12-1 | 404-360-3 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone |
| 204 | 71868-10-5 | 400-600-6 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one |
| 205 | | | Perfluorobutane sulfonic acid(PFBS) and its salts |
| 206 | 1072-63-5 | 214-012-0 | 1-vinylimidazole |
| 207 | 693-98-1 | 211-765-7 | 2-methylimidazole |
| 208 | 94-26-8 | 202-318-7 | butyl 4-hydroxybenzoate |
| 209 | 22673-19-4 | 245-152-0 | Dibutylbis(pentane-2,4-dionato-O,O')tin |
| 210 | 205-594-7 | 143-24-8 | Bis(2-(2-methoxyethoxy)ethyl)ether |
| 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 |
| 212 | - | - | Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) |
| | 310-154-3 | 121158-58-5 | Phenol, dodecyl-, branched |
| | - | 74499-35-7 | Phenol, (tetrapropenyl) derivatives |
| | - | 210555-94-5 | Phenol, 4-dodecyl, branched |
| | - | 27459-10-5 | 4-isododecylphenol |
| | - | 57427-55-1 | Phenol, tetrapropylene- |
| | - | 27147-75-7 | Phenol, 4-isododecyl- |
| 213 | - | - | orthoboric acid, sodium salt |

| | | | |
|-----|------------|--------------|---|
| | - | 25747-83-5 | boric acid (H3BO3), sodium salt, hydrate |
| | - | 22454-04-2 | Boric acid (H3BO3), disodium salt |
| | 238-253-6 | 14312-40-4 | Trisodium orthoborate |
| | 215-604-1 | 1333-73-9 | Boric acid, sodium salt |
| | 237-560-2 | 13840-56-7 | Orthoboric acid, sodium salt |
| | - | 14890-53-0 | Boric acid (H3BO3), sodium salt (1:1) |
| 214 | - | - | Medium-chain chlorinated paraffins (MCCP) |
| | - | 1372804-76-6 | Alkanes, C14-16, chloro |
| | 287-477-0 | 85535-85-9 | Alkanes, C14-17, chloro |
| | 950-299-5 | - | di-, tri- and tetrachlorotetradecane |
| | - | 198840-65-2 | Tetradecane, chloro derivs. |
| 215 | 203-856-5 | 111-30-8 | glutaral |
| 216 | 201-025-1 | 77-40-7 | 4,4'-(1-methylpropylidene)bisphenol |
| 217 | - | - | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers |
| | - | 75166-31-3 | (2R)-3-(4-tert-butylphenyl)-2-methylpropanal |
| | 201-289-8 | 80-54-6 | 2-(4-tert-butylbenzyl)propionaldehyde |
| | - | 75166-30-2 | (2S)-3-(4-tert-butylphenyl)-2-methylpropanal |
| 218 | - | - | 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) |
| | 253-057-0 | 36483-57-5 | 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) |
| | - | 1522-92-5 | 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) |
| | 221-967-7 | 3296-90-0 | 2,2-bis(bromomethyl)propane-1,3-diol (BMP) |
| | 202-480-9 | 96-13-9 | 2,3-dibromo-1-propanol (2,3-DBPA) |
| 219 | 204-661-8 | 123-91-1 | 1,4-dioxane |
| 220 | 213-934-0 | 1067-53-4 | tris(2-methoxyethoxy)vinylsilane |
| 221 | 401-850-9 | 255881-94-8 | S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate |
| 222 | 204-327-1 | 119-47-1 | 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC) |
| 223 | - | - | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) |
| | - | 1782069-81-1 | (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one |
| | - | 95342-41-9 | (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one |
| | - | 852541-25-4 | (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one |
| | 253-242-6 | 36861-47-9 | (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one |
| | - | 741687-98-9 | (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one |
| | - | 852541-30-1 | (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one |
| | - | 852541-21-0 | (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one |
| 224 | 924-42-5 | 213-103-2 | N-(hydroxymethyl)acrylamide |
| 225 | - | 473-390-7 | 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 |
| 226 | 6130-43-4 | 228-098-2 | Perfluoroheptanoic acid and its salts Ammonium perfluoroheptanoate |
| | 21049-36-5 | | potassium perfluoroheptanoate |
| | 375-85-9 | 206-798-9 | Perfluoroheptanoic acid |
| | 20109-59-5 | 243-518-4 | Sodium perfluoroheptanoate |
| 227 | 108-78-1 | 203-615-4 | Melamine |
| 228 | 4247-02-3 | 224-208-8 | Isobutyl 4-hydroxybenzoate |

| | | | |
|-----|-------------|-----------|--|
| 229 | 26040-51-7 | 247-426-5 | bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate |
| 230 | 13701-59-2 | 237-222-4 | Barium diboron tetraoxide |
| 231 | 80-09-1 | 201-250-5 | 4,4'-sulphonyldiphenol |
| 232 | 79-94-7 | 201-236-9 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol |
| 233 | 37853-59-1 | 253-692-3 | 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] |
| 234 | 80-07-9 | 201-247-9 | Bis(4-chlorophenyl) Sulfone 、(BCPS) |
| 235 | 75980-60-8 | 278-355-8 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine Oxide 、(TPO) |
| 236 | - | 700-960-7 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC No.: 270-966-8 CAS No.: 68512-30-1 |
| 237 | 3896-11-5 | 223-445-4 | Bumetrizole (UV-326) |
| 238 | 119344-86-4 | 438-340-0 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one |
| 239 | 3147-75-9 | 221-573-5 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) |
| 240 | 732-26-3 | 211-989-5 | 2,4,6-tri-tert-butylphenol |
| 241 | 80-43-3 | 201-279-3 | Bis(α,α -dimethylbenzyl) peroxide |

No REACH substance(<0.1 wt% (1000ppm)) of 1-31 public very high concern materials in the List overleaf are intentionally added.



Signature: Leo Wu

Issued Date: September 19, 2024

Name (print) : Leo Wu

Title : Q.A Department / Section Chief

List by product number as below :

| | | | |
|------------|-------------|----------------|-----------|
| | | | |
| MNCF500 | 3-12 | 471809 | YJ-100 |
| 491513 | 3-15 | TP-AC-IS-TO220 | YJ-100(B) |
| MNCF101 | 3-4 | LEDS-5 | YJ-295 |
| 491520 | 3-5 | LEM-88 | YJ-80(B) |
| MVD1-250FN | 3-6 | M2-10N | |
| 491201 | 4-10 | M3-6N | |
| 471730 | 4-15 | MSP-12 | |
| 471849 | 4-3 | PC1108 | |
| 471851 | 4-8 | PC250 | |
| 471856 | ASS-10(3M) | PTV1-12 | |
| 471824 | ASS-6(3M) | PTV2-12 | |
| MCB1-1108 | BS-19 | RF-004 | |
| 492209 | BS-9 | RF10-2 | |
| MCB1-250 | BSS-6(3M) | RF8-1.4 | |
| 492211 | CM-19S(3M) | RVS1-4 | |
| MVP1-12 | E0508(W)#@ | SF-006 | |
| 491305 | E1008(R) | SVS1-4 | |
| MVP2-12 | FDFD1-250#@ | SVS2-4 | |
| 491310 | FF-7 | TEST-1(R) | |
| MVR1-S4 | HP-6 | TO-220 | |
| 491102 | JSS-9.5 | TO-220A | |
| MVF1-S4 | LCS-8 | TO-3P | |
| 491142 | LED-19* | TP-10 | |
| MVF2-S4 | LEDH-4 | TW-5 | |
| 491152 | LEDH-5 | WCC-2 | |
| MPT1-R | LEDH-7.5 | | |
| 492051 | LEDS-13 | | |