



# 國亨化學股份有限公司

## GPPC Chemical Corporation

總公司：台北市敦化北路135號8樓  
Head office: 8F, NO.135, Dunhua N. Road, Taipei 105 Taiwan  
Tel:(88602-2175-4567 Fax:(886)-2-2545-8760

Date issued : Jun 29, 2023

### Certificate of SVHC for Reach

To whom it may concern :

We, GPPC, hereby knowledgeably certify that our HIPS product , Grade Name : **PS-350, PS-333, PS-316, PS-350S, PS-350HF, PS-302, PS-350K** does not contain the following chemicals with REACH concerned SVHC 235 substances ( $\leq 0.1\%$ ) .

| Substance Name                                  | CAS No.       | Substance Name                                              | CAS No.       |
|-------------------------------------------------|---------------|-------------------------------------------------------------|---------------|
| Cobalt dichloride                               | 7646-79-9     | Sodium dichromate, dihydrate                                | 7789-12-0     |
| Diarsenic pentaoxide                            | 1303-28-2     | Diarsenic trioxide                                          | 1327-53-3     |
| Lead hydrogen arsenate                          | 7784-40-9     | Triethyl arsenate                                           | 15606-95-8    |
| Dibutyl phthalate, DBP                          | 84-74-2       | Bis (2-ethyl(hexyl)phthalate), DEHP                         | 117-81-7      |
| Benzyl butyl phthalate , BBP                    | 85-68-7       | Anthracene                                                  | 120-12-7      |
| Bis(tributyltin)oxide                           | 56-35-9       | 5-tert-butyl-2,4,6- trinitro-m-xylene , musk xylene         | 81-15-2       |
| HBCDD, Hexabromocyclododecane                   | 25637-99-4    | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85595-84-8    |
| 4,4'-Diaminodiphenylmethane                     | 101-77-9      | Anthracene oil                                              | 90640-80-5    |
| Anthracene oil, anthracene paste, distn. lights | 91995-17-4    | Anthracene oil, anthracene paste, anthracene fraction       | 91995-15-2    |
| Anthracene oil, anthracene-low                  | 90640-82-7    | Anthracene oil, anthracene paste                            | 90640-81-6    |
| Coal tar pitch, high temperature                | 65996-93-2    | Acryl amide                                                 | 79-06-1       |
| Aluminosilicate, Refractory Ceramic Fibers      | (650-017-008) | Zirconia Aluminosilicate, Refractory Ceramic Fibers         | (650-017-008) |
| 2,4-Dinitrotoluene                              | 121-14-2      | Diisobutyl phthalate                                        | 84-69-5       |
| Lead chromate                                   | 7758-97-6     | Lead chromate molybdate sulphate red                        | 12656-85-8    |
| Lead sulfochromate yellow                       | 1344-37-2     | Tris(2-chloroethyl)phosphate                                | 115-96-8      |
| Trichloroethylene                               | 79-01-6       | Tetraboron disodium heptaoxide, hydrate                     | 12267-73-1    |
| Disodium tetraborate, anhydrous                 | 1330-43-4     | Boric acid                                                  | 10043-35-3    |
|                                                 | 12179-04-3    |                                                             | 11113-50-1    |
|                                                 | 1303-96-4     |                                                             |               |
| Sodium chromate                                 | 7775-11-3     | Potassium chromate                                          | 7789-00-6     |
| Ammonium dichromate                             | 7789-09-5     | Potassium dichromate                                        | 7778-50-9     |
| 1,2,3-Trichlorobenzene                          | 87-61-6       | 1,2,4-Trichlorobenzene                                      | 120-82-1      |



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| Substance Name                                                                                                                        | CAS No.                 | Substance Name                                                                  | CAS No.      |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------|--------------|
| 1,3,5-Trichlorobenzene                                                                                                                | 108-70-3                | Cobalt(II) sulfate                                                              | 10124-43-3   |
| Cobalt(II) dinitrate                                                                                                                  | 10141-05-6              | Cobalt(II) carbonate                                                            | 513-79-1     |
| Cobalt(II) (di)acetate                                                                                                                | 71-48-7                 | 2-Methoxyethanol                                                                | 109-86-4     |
| 2-Ethoxyethanol                                                                                                                       | 110-80-5                | Triocichromium                                                                  | 1333-82-0    |
| Acids generated from cromium trioxide and their oligomers: chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid | 7738-94-5<br>13530-68-2 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) | 68515-42-4   |
| 2-ethoxyethyl acetate                                                                                                                 | 111-15-9                | Strontium chromate                                                              | 7789-06-2    |
| Hydrazine                                                                                                                             | 7803-57-8<br>302-01-2   | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)     | 71888-89-6   |
| 1-methyl-2-pyrrolidone                                                                                                                | 872-50-4                | 1,2,3-trichloropropane                                                          | 96-18-4      |
| Dichromium tris(chromate)                                                                                                             | 24613-89-6              | Potassium hydroxyoctaoxodizincatedi-chromate                                    | 11103-86-9   |
| Pentazinc chromate octahydroxide                                                                                                      | 49663-84-5              | Aluminosilicate Refractory Ceramic Fibres (RCF)                                 | 650-017-00-8 |
| Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)                                                                           | 650-017-00-8            | Formaldehyde, oligomeric reaction products with aniline (technical MDA)         | 25214-70-4   |
| Bis(2-methoxyethyl) phthalate                                                                                                         | 117-82-8                | 2-Methoxyaniline; o-Anisidine                                                   | 90-04-0      |
| 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)                                                                              | 140-66-9                | 1,2-Dichloroethane                                                              | 107-06-2     |
| Bis(2-methoxyethyl) ether                                                                                                             | 111-96-6                | Arsenic acid                                                                    | 7778-39-4    |
| Calcium arsenate                                                                                                                      | 7778-44-1               | Trilead diarsenate                                                              | 3687-31-8    |
| N,N-dimethylacetamide (DMAC)                                                                                                          | 127-19-5                | 2,2'-dichloro-4,4'-methylenedianiline (MOCA)                                    | 77-09-8      |
| Phenolphthalein                                                                                                                       | 101-14-4                | Lead azide Lead diazide                                                         | 13424-46-9   |
| Lead styphnate                                                                                                                        | 15245-44-0              | Lead dipicrate                                                                  | 6477-64-1    |
| 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)                                                                                     | 112-49-2                | 1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)                      | 110-71-4     |
| Diboron trioxide                                                                                                                      | 1303-86-2               | Formamide                                                                       | 75-12-7      |
| Lead(II)bis(methanesulfonate)                                                                                                         | 17570-76-2              | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)              | 2451-62-9    |
| 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              | 4,4'-bis(dimethylamino)benzophenone(Michler's ketone)                           | 90-94-8      |





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| Substance Name                                                                                                                            | CAS No.     | Substance Name                                                                                                                  | CAS No.     |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|-------------|
| N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)                                                                            | 101-61-1    | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol                                                                         | 561-41-1    |
| [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) | 2580-56-5   | [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)         | 548-62-9    |
| $\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)                                  | 6786-83-0   | 6-methoxy-m-toluidine (p-cresidine)                                                                                             | 120-71-8    |
| Pyrochlore, antimony lead yellow                                                                                                          | 8012-00-8   | Henicosafuoroundecanoic acid                                                                                                    | 2058-94-8   |
| Hexahydromethylphthalic anhydride                                                                                                         | 25550-51-0  | Cyclohexane-1,2-dicarboxylic anhydride                                                                                          | 85-42-7     |
| Hexahydro-4-methylphthalic anhydrid                                                                                                       | 19438-60-9  | cis-cyclohexane-1,2-dicarboxylic anhydride                                                                                      | 13149-00-3  |
| Hexahydro-1-methylphthalic anhydride                                                                                                      | 48122-14-1  | trans-cyclohexane-1,2-dicarboxylic anhydride                                                                                    | 14166-21-3  |
| Hexahydro-3-methylphthalic anhydride                                                                                                      | 57110-29-9  |                                                                                                                                 |             |
| Dibutyltin dichloride (DBTC)                                                                                                              | 683-18-1    | Lead bis(tetrafluoroborate)                                                                                                     | 13814-96-5  |
| Lead dinitrate                                                                                                                            | 10099-74-8  | Silicic acid, lead salt                                                                                                         | 11120-22-2  |
| 4-Aminoazobenzene                                                                                                                         | 60-09-3     | Lead titanium zirconium oxide                                                                                                   | 12626-81-2  |
| Lead monoxide (lead oxide)                                                                                                                | 1317-36-8   | o-Toluidine                                                                                                                     | 95-53-4     |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                                                        | 143860-04-2 | Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped                                                  | 68784-75-8  |
| Trilead bis(carbonate)dihydroxide                                                                                                         | 1319-46-6   | Furan                                                                                                                           | 110-00-9    |
| N,N-dimethylformamide                                                                                                                     | 68-12-2     | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] | -           |
| 4-Nonylphenol, branched and linear                                                                                                        | -           | 4,4'-methylenedi-o-toluidine                                                                                                    | 838-88-0    |
| Diethyl sulphate                                                                                                                          | 64-67-5     | Dimethyl sulphate                                                                                                               | 77-78-1     |
| Lead oxide sulfate                                                                                                                        | 12036-76-9  | Lead titanium trioxide                                                                                                          | 12060-00-3  |
| Acetic acid, lead salt, basic                                                                                                             | 51404-69-4  | [Phthalato(2-)]dioxotrilead                                                                                                     | 69011-06-9  |
| Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)                                                                            | 1163-19-5   | N-methylacetamide                                                                                                               | 79-16-3     |
| Dinoseb (6-sec-butyl-2,4-dinitrophenol)                                                                                                   | 88-85-7     | 1,2-Diethoxyethane                                                                                                              | 629-14-1    |
| Tetralead trioxide sulphate                                                                                                               | 12202-17-4  | N-pentyl-isopentylphthalate                                                                                                     | 776297-69-9 |
| Dioxobis(stearato)trilead                                                                                                                 | 12578-12-0  | Tetraethyllead                                                                                                                  | 78-00-2     |
| Pentalead tetraoxide sulphate                                                                                                             | 12065-90-6  | Pentacosafuorotridecanoic acid                                                                                                  | 72629-94-8  |
| Tricosafuorododecanoic acid                                                                                                               | 307-55-1    | Heptacosafuorotetradecanoic acid                                                                                                | 376-06-7    |
| 1-bromopropane (n-propyl bromide)                                                                                                         | 106-94-5    | Methoxyacetic acid                                                                                                              | 625-45-6    |



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| Substance Name                                                                                                                                                                                                                                                                                                                      | CAS No.    | Substance Name                                                                                                                                                                                                                                                     | CAS No.                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 4-methyl-m-phenylenediamine (toluene-2,4-diamine)                                                                                                                                                                                                                                                                                   | 95-80-7    | Methyloxirane (Propylene oxide)                                                                                                                                                                                                                                    | 75-56-9                  |
| Trilead dioxide phosphonate                                                                                                                                                                                                                                                                                                         | 12141-20-7 | o-aminoazotoluene                                                                                                                                                                                                                                                  | 97-56-3                  |
| 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear                                                                                                                                                                                                                                                                    | 84777-06-0 | 4,4'-oxydianiline and its salts                                                                                                                                                                                                                                    | 101-80-4                 |
| Orange lead (lead tetroxide)                                                                                                                                                                                                                                                                                                        | 1314-41-6  | Biphenyl-4-ylamine                                                                                                                                                                                                                                                 | 92-67-1                  |
| Diisopentylphthalate                                                                                                                                                                                                                                                                                                                | 605-50-5   | Fatty acids, C16-18, lead salts                                                                                                                                                                                                                                    | 91031-62-8               |
| Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))                                                                                                                                                                                                                                                                                   | 123-77-3   | Sulfurous acid, lead salt, dibasic                                                                                                                                                                                                                                 | 62229-08-7               |
| Lead cyanamidate                                                                                                                                                                                                                                                                                                                    | 20837-86-9 | Cadmium                                                                                                                                                                                                                                                            | 7440-43-9                |
| Cadmium oxide                                                                                                                                                                                                                                                                                                                       | 1306-19-0  | Dipentyl phthalate (DPP)                                                                                                                                                                                                                                           | 131-18-0                 |
| Ammonium pentadecafluorooctanoate (APFO)                                                                                                                                                                                                                                                                                            | 3825-26-1  | Pentadecafluorooctanoic acid (PFOA)                                                                                                                                                                                                                                | 335-67-1                 |
| 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] | -          | 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                |
| Cadmium sulphide                                                                                                                                                                                                                                                                                                                    | 1306-23-6  | Diethyl phthalate                                                                                                                                                                                                                                                  | 84-75-3                  |
| Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)                                                                                                                                                                                                                         | 573-58-0   | Imidazolidine-2-thione (2-imidazoline-2-thiol)                                                                                                                                                                                                                     | 96-45-7                  |
| Lead di(acetate)                                                                                                                                                                                                                                                                                                                    | 301-04-2   | Triethyl phosphate                                                                                                                                                                                                                                                 | 25155-23-1               |
| Cadmium chloride                                                                                                                                                                                                                                                                                                                    | 10108-64-2 | 1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear                                                                                                                                                                                                   | 68515-50-4               |
| Sodium peroxometaborate                                                                                                                                                                                                                                                                                                             | 7632-04-4  | Sodium perborate; perboric acid, sodium salt                                                                                                                                                                                                                       | -                        |
| Cadmium fluoride                                                                                                                                                                                                                                                                                                                    | 7790-79-6  | Cadmium sulphate                                                                                                                                                                                                                                                   | 10124-36-43<br>1119-53-6 |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                                                                                                                                                                                                                | 3846-71-7  | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                                                                                                                                                           | 25973-55-1               |
| 2-ethylhexyl<br>10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)                                                                                                                                                                                                                                           | 15571-58-1 | Reaction mass of 2-ethylhexyl<br>10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl<br>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) | -                        |





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| Substance Name                                                                                                                                                                                                         | CAS No.                             | Substance Name                                                                                                                                                                                                                                                                                                      | CAS No.    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters;<br>1,2-benzenedicarboxylic acid, mixed decyl and hexyl<br>and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC<br>No. 201-559-5)                         | 68515-51-5                          | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-<br>methyl-1,3-dioxane [1].                                                                                                                                                                                                                                        | -          |
|                                                                                                                                                                                                                        | 68648-93-1                          | 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-<br>methyl-1,3-dioxane [2] [covering any of the<br>individual stereoisomers of [1] and [2] or any<br>combination thereof]                                                                                                                                          |            |
| Nitrobenzene                                                                                                                                                                                                           | 98-95-3                             | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phen<br>ol (UV-327)                                                                                                                                                                                                                                                  | 386-99-1   |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phe<br>nol (UV-350)                                                                                                                                               | 36437-37-3                          | 1,3-propanesultone                                                                                                                                                                                                                                                                                                  | 1120-71-4  |
| Perfluorononan-1-oic-acid and its sodium and<br>ammonium salts                                                                                                                                                         | 375-95-1<br>21049-39-8<br>4149-60-4 | Benzo[def]chrysene<br>(Benzo[a]pyrene)                                                                                                                                                                                                                                                                              | 50-32-8    |
| 4,4'-isopropylidenediphenol (bisphenol A)                                                                                                                                                                              | 80-05-7                             | 4-Heptylphenol, branched and linear [substances<br>with a linear and/or branched alkyl chain with a<br>carbon number of 7 covalently bound<br>predominantly in position 4 to phenol, covering<br>also UVCB- and well-defined substances which<br>include any of the individual isomers or a<br>combination thereof] | -          |
| Nonadecafluorodecanoic acid (PFDA) and its sodium<br>and ammonium salts                                                                                                                                                | 3108-42-7<br>335-76-2<br>3830-45-3  | p-(1,1-dimethylpropyl) phenol =<br>4-tert-pentylphenol (PTAP)                                                                                                                                                                                                                                                       | 80-46-6    |
| Perfluorohexane-1-sulphonic acid and its salts (PFHxS)                                                                                                                                                                 | 355-46-4                            | Chrysene                                                                                                                                                                                                                                                                                                            | 218-01-9   |
| Benz[a]anthracene                                                                                                                                                                                                      | 56-55-3                             | Cadmium nitrate                                                                                                                                                                                                                                                                                                     | 10325-94-7 |
| Cadmium hydroxide                                                                                                                                                                                                      | 21041-95-2                          | Cadmium carbonate                                                                                                                                                                                                                                                                                                   | 513-78-0   |
| 1,6,7,8,9,14,15,16,17,17,18,18-<br>Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octade<br>ca-7,15-diene ("Dechlorane Plus"™) [covering any of<br>its individual anti- and syn-isomers or any combination<br>thereof] | -                                   | Reaction products of<br>1,3,4-thiadiazolidine-2,5-dithione, formaldehyde<br>and 4-heptylphenol, branched and linear (RP-HP)<br>[with $\geq 0.1\%$ w/w 4-heptylphenol, branched and<br>linear                                                                                                                        | -          |
| Benzo[ghi]perylene                                                                                                                                                                                                     | 191-24-2                            | Octamethylcyclotetrasiloxane (D4)                                                                                                                                                                                                                                                                                   | 556-67-2   |
| Decamethylcyclopentasiloxane (D5)                                                                                                                                                                                      | 541-02-6                            | Dodecamethylcyclohexasiloxane (D6)                                                                                                                                                                                                                                                                                  | 540-97-6   |
| Disodium octaborate                                                                                                                                                                                                    | 12008-41-2                          | Ethylenediamine                                                                                                                                                                                                                                                                                                     | 107-15-3   |
| Lead                                                                                                                                                                                                                   | 7439-92-1                           | Terphenyl hydrogenated                                                                                                                                                                                                                                                                                              | 61788-32-7 |
| Dicyclohexyl phthalate (DCHP)                                                                                                                                                                                          | 84-61-7                             | Benzene-1,2,4-tricarboxylic acid 1,2-anhydride<br>(trimellitic anhydride) (TMA)                                                                                                                                                                                                                                     | 552-30-7   |
| 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                                                                                                                              | 6807-17-6                           | Benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                | 207-08-9   |



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| Substance Name                                                                                                                                                                      | CAS No.     | Substance Name                                                                                                                                                                                             | CAS No.     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Fluoranthene                                                                                                                                                                        | 206-44-0    | Phenanthrene                                                                                                                                                                                               | 85-01-8     |
| Pyrene                                                                                                                                                                              | 129-00-0    | 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)                                                                                                                     | 15087-24-8  |
| Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)                                                        | -           | 4-tert-butylphenol                                                                                                                                                                                         | 98-54-4     |
| 2-methoxyethyl acetate                                                                                                                                                              | 110-49-6    | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof                                                 | -           |
| Diisohexyl phthalate                                                                                                                                                                | 71850-09-4  | 2-benzyl-2-dimethylamino-4'-morpholinobutyroph enone                                                                                                                                                       | 119313-12-1 |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                                                                                            | 71868-10-5  | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                                                                         | -           |
| 1-vinylimidazole                                                                                                                                                                    | 1072-63-5   | 2-methylimidazole                                                                                                                                                                                          | 693-98-1    |
| butyl 4-hydroxybenzoate                                                                                                                                                             | 94-26-8     | Dibutylbis(pentane-2,4-dionato-O,O')tin                                                                                                                                                                    | 22673-19-4  |
| Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                                                                                  | 143-24-8    | Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety | -           |
| 2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers                                                                                                             | -           | Orthoboric acid, sodium salt                                                                                                                                                                               | 13840-56-7  |
| 2,2-bis(bromomethyl) propane 1,3-diol (BMP)                                                                                                                                         | 3296-90-0   | Glutaral                                                                                                                                                                                                   | 111-30-8    |
| 2,2-dimethylpropan-1-ol, tribromo derivative /                                                                                                                                      | 36483-57-5/ |                                                                                                                                                                                                            |             |
| 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)                                                                                                                                     | 1522-92-5   |                                                                                                                                                                                                            |             |
| 2,3-dibromo-1-propanol (2,3-DBPA)                                                                                                                                                   | 96-13-9     |                                                                                                                                                                                                            |             |
| Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] | -           | Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)              | -           |





# 國亨化學股份有限公司

## GPPC Chemical Corporation

總公司：台北市敦化北路135號8樓

Head office: 8F, NO.135, Dunhua N. Road, Taipei 105 Taiwan

Tel: (886)02-2175-4567 Fax: (886)-2-2545-8760

| Substance Name                                                                                                                                                   | CAS No.                                           | Substance Name                                                                                                                                                      | CAS No.    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1,4-dioxane                                                                                                                                                      | 123-91-1                                          | 4,4'-(1-methylpropylidene) bisphenol; (bisphenol B)                                                                                                                 | 77-40-7    |
| (±)-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)           |                                                   | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol                                                                                                                        | 119-47-1   |
| S-(tricyclo(5.2.1.0 <sup>2,6</sup> )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                                       | tris(2-methoxyethoxy)vinylsilane                                                                                                                                    | 1067-53-4  |
| N-(hydroxymethyl)acrylamide                                                                                                                                      | 924-42-5                                          | reaction mass of<br>2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and<br>2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine |            |
| Perfluoroheptanoic acid and its salts:<br>Ammonium perfluoroheptanoate<br>potassium perfluoroheptanoate<br>Perfluoroheptanoic acid<br>Sodium perfluoroheptanoate | 6130-43-4<br>21049-36-5<br>375-85-9<br>20109-59-5 | Melamine                                                                                                                                                            | 108-78-1   |
| Isobutyl 4-hydroxybenzoate                                                                                                                                       | 4247-02-3                                         | bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof<br>Bis(2-ethylhexyl) tetrabromophthalate                   | 26040-51-7 |
| Barium diboron tetraoxide                                                                                                                                        | 13701-59-2                                        | 4,4'-sulphonyldiphenol                                                                                                                                              | 80-09-1    |
| 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                                                                                                 | 79-94-7                                           | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]                                                                                                            | 37853-59-1 |
| Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide                                                                                                                 | 75980-60-8                                        | Bis(4-chlorophenyl) sulphone                                                                                                                                        | 80-07-9    |

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Yi-Shine Lin

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