

Test Report No.: 60.401.25.0116.01

Rev.: 00

Dated: 2025-03-14



Applicant: Ledragomma S.r.l.

Address: Z. Ind. Via G. De Simon snc 33010 OSOPPO (UD)

Sample Description:

| | |
|----|-----------------------------|
| 1 | ORANGE FLUO STANDARD |
| 2 | ORANGE STANDARD |
| 3 | BLUE TRANSPARENT STANDARD |
| 4 | BLUE STANDARD |
| 5 | YELLOW FLUO STANDARD |
| 6 | YELLOW STANDARD |
| 7 | GREY STANDARD |
| 8 | BLACK STANDARD |
| 9 | WHITE STANDARD |
| 10 | FUCHSIA FLUO STANDARD |
| 11 | RED FLUO STANDARD |
| 12 | RED STANDARD |
| 13 | ACID GREEN STANDARD |
| 14 | GREEN FLUO STANDARD |
| 15 | GREEN TRANSPARENT1 STANDARD |
| 16 | GREEN STANDARD |
| 17 | PURPLE STANDARD |
| 18 | ORANGE MAXAFE |
| 19 | LIGHT BLUE MAXAFE |
| 20 | BLUE MAXAFE |
| 21 | FUCHSIA MAXAFE |
| 22 | YELLOW MAXAFE |
| 23 | GREY MAXAFE |
| 24 | BLACK MAXAFE |
| 25 | WHITE MAXAFE |
| 26 | RED MAXAFE |
| 27 | ACID GREEN MAXAFE |
| 28 | GREEN MAXAFE |
| 29 | PURPLE MAXAFE |
| 30 | PURPLE-BLUE MAXAFE |
| 31 | BIO LIME |
| 32 | BIO SAND |
| 33 | GREY HARD |

Sample Received Date: 2025-03-07

Test Period: From 2025-03-07 to 2025-03-12

Location of Testing: TÜV SÜD Hong Kong Ltd.

Purpose of examination: REACH Regulation (EC) No. 1907/2006
- 247 Substances of Very High Concern (SVHC) analysis based on the
Candidate List published by the European Chemicals Agency (ECHA)



Test result: Refer to following pages

Summary: According to the specified scope and analytical techniques, the concentration of each other SVHCs is <0.1% (w/w) in the component(s) of submitted product(s).

Remarks:

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) The report covers material testing on specified samples
- (4) The tested materials covered by the report were declared by the manufacturer to be used on the models listed in the report
- (5) For the test sample does not have detail materials information provided by client, visually identical materials (e.g. plastic housing, solder points, etc.) will be considered as the same material.
- (6) For those visually identical materials which also been confirmed with manufacturer that the materials are indeed the same materials, same colors, same manufacturing process from same suppliers, the laboratory only select one of the typical materials for testing.
- (7) When a statement of conformity to a specification / standard is provide on test report, decision rule is applied. For detail, please refer to TUV SUD Hong Kong Limited's decision rule statement which is available on TUV SUD Hong Kong Limited's website: <https://www.tuvsud.cn/zh-cn/-/media/regions/zh/cn/images/about-us/decision-rule-tuv-sud-hong-kong-limited.pdf>

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TÜV SÜD Hong Kong Ltd
TÜV SÜD Group

Prepared by:

Cloudy



Cloudy Lai
Project Engineer
HKENE

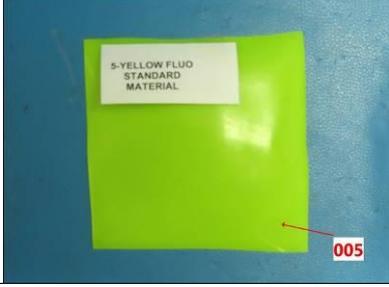
Reviewed by:

Hilda

Hilda Tang
Manager
HKCHEM



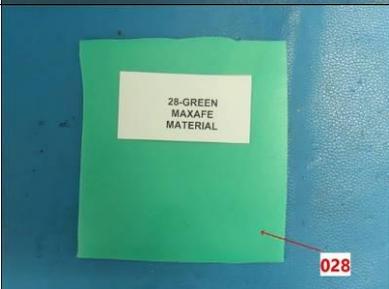
1. Description of the test subject

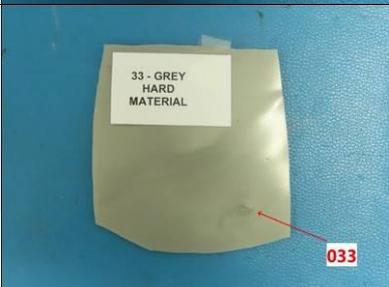
| Test No. | Sample No. | Description | Photograph |
|----------|------------|---|---|
| T1 | 001 | Fluorescent orange soft plastic (sheet (ORANGE FLUO STANDARD MATERIAL)) |  |
| T2 | 002 | Orange soft plastic (sheet (ORANGE STANDARD MATERIAL)) |  |
| T3 | 003 | Translucent blue soft plastic (ball (BLUE TRANSPARENT STANDARD MATERIAL)) |  |
| T4 | 004 | Blue soft plastic (sheet (BLUE STANDARD MATERIAL)) |  |
| T5 | 005 | Fluorescent green soft plastic (sheet (YELLOW FLUO STANDARD MATERIAL)) |  |

| | | | |
|-----|-----|---|---|
| T6 | 006 | Yellow soft plastic (sheet (YELLOW STANDARD MATERIAL)) |  |
| T7 | 007 | Silvery soft plastic (sheet (GREY STANDARD MATERIAL)) |  |
| T8 | 008 | Black soft plastic (sheet (BLACK STANDARD MATERIAL)) |  |
| T9 | 009 | White soft plastic (ball (WHITE STANDARD MATERIAL)) |  |
| T10 | 010 | Fluorescent fuchsia soft plastic (sheet (FUCHSIA FLUO STANDARD MATERIAL)) |  |
| T11 | 011 | Fluorescent red soft plastic (sheet (RED FLUO STANDARD MATERIAL)) |  |

| | | | |
|-----|-----|---|---|
| T12 | 012 | Red soft plastic (sheet (RED STANDARD MATERIAL)) |  |
| T13 | 013 | Light green soft plastic (sheet (ACID GREEN STANDARD MATERIAL)) |  |
| T14 | 014 | Fluorescent green soft plastic (sheet (GREEN FLUO STANDARD MATERIAL)) |  |
| T15 | 015 | Translucent green soft plastic (sheet (GREEN TRANSPARENT1 STANDARD MATERIAL)) |  |
| T16 | 016 | Turquoise soft plastic (sheet (GREEN STANDARD MATERIAL)) |  |
| T17 | 017 | Purple soft plastic (sheet (PURPLE STANDARD MATERIAL)) |  |

| | | | |
|-----|-----|--|---|
| T18 | 018 | Orange soft plastic (sheet (ORANGE MAXAFE MATERIAL)) |  |
| T19 | 019 | Light blue soft plastic (sheet (LIGHT BLUE MAXAFE MATERIAL)) |  |
| T20 | 020 | Blue soft plastic (sheet (BLUE MAXAFE MATERIAL)) |  |
| T21 | 021 | Fuchsia soft plastic (sheet (FUCHSIA MAXAFE MATERIAL)) |  |
| T22 | 022 | Yellow soft plastic (sheet (YELLOW MAXAFE MATERIAL)) |  |
| T23 | 023 | Grey soft plastic (sheet (GREY MAXAFE MATERIAL)) |  |

| | | | |
|-----|-----|---|---|
| T24 | 024 | Black soft plastic (sheet (BLACK MAXAFE MATERIAL)) |  |
| T25 | 025 | Ivory soft plastic (sheet (WHITE MAXAFE MATERIAL)) |  |
| T26 | 026 | Red soft plastic (sheet (RED MAXAFE MATERIAL)) |  |
| T27 | 027 | Light green soft plastic (sheet (ACID GREEN MAXAFE MATERIAL)) |  |
| T28 | 028 | Turquoise soft plastic (sheet (GREEN MAXAFE MATERIAL)) |  |
| T29 | 029 | Purple soft plastic (sheet (PURPLE MAXAFE MATERIAL)) |  |

| | | | |
|-----|-----|--|---|
| T30 | 030 | Purple blue soft plastic (sheet (PURPLE-BLUE MAXAFE MATERIAL)) |  |
| T31 | 031 | Lime green soft plastic (sheet (BIO LIME MATERIAL)) |  |
| T32 | 032 | Sand brown soft plastic (sheet (BIO SAND MATERIAL)) |  |
| T33 | 033 | Grey soft plastic (sheet (GREY HARD MATERIAL)) |  |



2. Test Results

2.1 247 SVHCs Test Result

Test method: Screening test, analyzed based on Liquid Chromatography with Tandem Mass Spectrometry Detection (LC-MS/MS), Gas Chromatography and Mass Spectrometry (GC-MS), headspace GC-MS, Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), UV-Vis spectrophotometer, High Performance Liquid Chromatography-Diode Array Detection (HPLC-DAD) and X-Ray Fluorescence Spectrometer (XRF).

[Reporting limit: 0.01%]

| Test Item(s) | Result [%] | |
|--|---|---|
| | Sample 001+002+003+004+005+ 006+007+008+009 | Sample 010+011+012+013+014+ 015+016+017 |
| Each of 247 substances of very high concern (SVHCs)* | < 0.01 | < 0.01 |

| Test Item(s) | Result [%] | |
|--|---|---|
| | Sample 018+019+020+021+022+ 023+024+025 | Sample 026+027+028+029+030+ 031+032+033 |
| Each of 247 substances of very high concern (SVHCs)* | < 0.01 | < 0.01 |

- Note:
1. “%” denotes percentage by weight
 2. “<” denotes less than
 3. * refer to APPENDIX I for detailed list of SVHCs
 4. As per article 33 of the REACH regulation (EC No. 1907/2006), recipients of article must be provided with information of safe use if any of the tested substances exceeded 0.1% (w/w).

-- END OF TEST REPORT --

APPENDIX I - 247 SUBSTANCES OF VERY HIGH CONCERN (SVHCs)

1. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN OCTOBER 2008 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|--|----------------------------|
| 1 | Anthracene | 120-12-7 | 204-371-1 |
| 2 | 4,4'- Diaminodiphenylmethane (MDA) | 101-77-9 | 202-974-4 |
| 3 | Dibutyl phthalate (DBP) | 84-74-2 | 201-557-4 |
| 4 | Cobalt dichloride* | 7646-79-9 | 231-589-4 |
| 5 | Diarsenic pentaoxide* | 1303-28-2 | 215-116-9 |
| 6 | Diarsenic trioxide* | 1327-53-3 | 215-481-4 |
| 7 | Sodium dichromate* | 7789-12-0 and 10588-01-9 | 234-190-3 |
| 8 | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 201-329-4 |
| 9 | Bis (2-ethylhexyl) phthalate (DEHP) | 117-81-7 | 204-211-0 |
| 10 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-HBCDD, Beta-HBCDD, Gamma-HBCDD | 25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8) | 247-148-4 and 221-695-9 |
| 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP) | 85535-84-8 | 287-476-5 |
| 12 | Bis(tributyltin)oxide (TBTO)* | 56-35-9 | 200-268-0 |
| 13 | Lead hydrogen arsenate* | 7784-40-9 | 232-064-2 |
| 14 | Benzyl butyl phthalate (BBP) | 85-68-7 | 201-622-7 |
| 15 | Triethyl arsenate* | 15606-95-8 | 427-700-2 |



2. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2010 AND MARCH 2010 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|------------|-----------|
| 16 | Anthracene oil [#] | 90640-80-5 | 292-602-7 |
| 17 | Anthracene oil, anthracene paste, distn. lights [#] | 91995-17-4 | 295-278-5 |
| 18 | Anthracene oil, anthracene paste, anthracene fraction [#] | 91995-15-2 | 295-275-9 |
| 19 | Anthracene oil, anthracene-low [#] | 90640-82-7 | 292-604-8 |
| 20 | Anthracene oil, anthracene paste [#] | 90640-81-6 | 292-603-2 |
| 21 | Pitch, coal tar, high temp [#] | 65996-93-2 | 266-028-2 |
| 22 | 2,4-Dinitrotoluene | 121-14-2 | 204-450-0 |
| 23 | Diisobutyl phthalate (DIBP) | 84-69-5 | 201-553-2 |
| 24 | Tris(2-chloroethyl)phosphate | 115-96-8 | 204-118-5 |
| 25 | Lead chromate* | 7758-97-6 | 231-846-0 |
| 26 | Lead sulfochromate yellow (C.I. Pigment Yellow 34)* | 1344-37-2 | 215-693-7 |
| 27 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)* | 12656-85-8 | 235-759-9 |
| 28 | Acrylamide | 79-06-1 | 201-173-7 |

3. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2010 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|--------------------------------------|------------------------|
| 29 | Trichloroethylene | 79-01-6 | 201-167-4 |
| 30 | Boric acid* | 10043-35-3 11113-50-1 | 233-139-2 234-343-4 |
| 31 | Disodium tetraborate, anhydrous* | 1330-43-4 12179-04-3 1303-96-4 | 215-540-4 |
| 32 | Tetraboron disodium heptaoxide, hydrate* | 12267-73-1 | 235-541-3 |
| 33 | Sodium chromate* | 7775-11-3 | 231-889-5 |
| 34 | Potassium chromate* | 7789-00-6 | 232-140-5 |
| 35 | Ammonium dichromate* | 7789-9-5 | 232-143-1 |
| 36 | Potassium dichromate* | 7778-50-9 | 231-906-6 |

4. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2010 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|---|--|
| 37 | Cobalt(II) sulphate* | 10124-43-3 | 233-334-2 |
| 38 | Cobalt(II) dinitrate* | 10141-05-6 | 233-402-1 |
| 39 | Cobalt(II) carbonate* | 513-79-1 | 208-169-4 |
| 40 | Cobalt(II) diacetate* | 71-48-7 | 200-755-8 |
| 41 | 2-Methoxyethanol | 109-86-4 | 203-713-7 |
| 42 | 2-Ethoxyethanol | 110-80-5 | 203-804-1 |
| 43 | Chromium trioxide* | 1333-82-0 | 215-607-8 |
| 44 | Acids generated from chromium trioxide and their oligomers* | 7738-94-5 13530-68-2 not yet assigned | 231-801-5 236-881-5 not yet assigned |

5. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2011 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|---------------------|-----------|
| 45 | 2-Ethoxyethyl acetate (2-EEA) | 111-15-9 | 203-839-2 |
| 46 | Strontium chromate* | 7789-06-2 | 232-142-6 |
| 47 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)# | 68515-42-4 | 271-084-6 |
| 48 | Hydrazine | 7803-57-8, 302-01-2 | 206-114-9 |
| 49 | 1-Methyl-2-pyrrolidone | 872-50-4 | 212-828-1 |
| 50 | 1,2,3-Trichloropropane | 96-18-4 | 202-486-1 |
| 51 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) | 71888-89-6 | 276-158-1 |

6. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2011 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|------------|-----------|
| 52 | 1,2-Dichloroethane | 107-06-2 | 203-458-1 |
| 53 | 2,2'-Dichloro-4,4'-methylenedianiline (MOCA) | 101-14-4 | 202-918-9 |
| 54 | 2-Methoxyaniline, o-Anisidine | 90-04-0 | 201-963-1 |
| 55 | 4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol) | 140-66-9 | 205-426-2 |
| 56 | Aluminosilicate Refractory Ceramic Fibres (RCF) | -- | --- |
| 57 | Arsenic acid* | 7778-39-4 | 231-901-9 |
| 58 | Bis(2-methoxyethyl) ether | 111-96-6 | 203-924-4 |
| 59 | Bis(2-methoxyethyl) phthalate | 117-82-8 | 204-212-6 |
| 60 | Calcium arsenate* | 7778-44-1 | 231-904-5 |
| 61 | Dichromium tris(chromate) * | 24613-89-6 | 246-256-2 |
| 62 | Formaldehyde, oligomeric reaction products with aniline (technical MDA) # | 25214-70-4 | 500-036-1 |
| 63 | Lead diazide* | 13424-46-9 | 236-542-1 |
| 64 | Lead dipicrate* | 6477-64-1 | 229-335-2 |
| 65 | Lead styphnate* | 15245-44-0 | 239-290-0 |
| 66 | N,N-dimethylacetamide (DMAC) | 127-19-5 | 204-826-4 |
| 67 | Pentazinc chromate octahydroxide* | 49663-84-5 | 256-418-0 |
| 68 | Phenolphthalein | 77-09-8 | 201-004-7 |
| 69 | Potassium hydroxyoctaoxodizincatedichromate* | 11103-86-9 | 234-329-8 |
| 70 | Trilead diarsenate* | 3687-31-8 | 222-979-5 |
| 71 | Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) * | -- | --- |

7. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2012 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|------------|-----------|
| 72 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 112-49-2 | 203-977-3 |
| 73 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 110-71-4 | 203-794-9 |
| 74 | Diboron trioxide* | 1303-86-2 | 215-125-8 |
| 75 | Formamide | 75-12-7 | 200-842-0 |
| 76 | Lead(II) bis(methanesulfonate)* | 17570-76-2 | 401-750-5 |
| 77 | 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC) | 2451-62-9 | 219-514-3 |
| 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 |
| 79 | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 90-94-8 | 202-027-5 |
| 80 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1 | 202-959-2 |
| 81 | [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)] | 2580-56-5 | 219-943-6 |
| 82 | [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)] | 548-62-9 | 208-953-6 |
| 83 | 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)] | 561-41-1 | 209-218-2 |
| 84 | α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. 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)] | 6786-83-0 | 229-851-8 |

8. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2012 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|---|---|
| 85 | Bis(pentabromophenyl) ether (DecaBDE) | 1163-19-5 | 214-604-9 |
| 86 | Pentacosafuorotridecanoic acid | 72629-94-8 | 276-745-2 |
| 87 | Tricosafuorododecanoic acid | 307-55-1 | 206-203-2 |
| 88 | Henicosafuoroundecanoic acid | 2058-94-8 | 218-165-4 |
| 89 | Heptacosafuorotetradecanoic acid | 376-06-7 | 206-803-4 |
| 90 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated# | - | - |
| 91 | 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# | - | - |
| 92 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 123-77-3 | 204-650-8 |
| 93 | Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) | 85-42-7 | |
| 94 | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 247-094-1, 243-072-0, 256-356-4, 260-566-1 |
| 95 | Methoxy acetic acid | 625-45-6 | 210-894-6 |
| 96 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 84777-06-0 | 284-032-2 |
| 97 | Diisopentylphthalate (DIPP) | 605-50-5 | 210-088-4 |
| 98 | N-pentyl-isopentylphthalate | 776297-69-9 | - |
| 99 | 1,2-Diethoxyethane | 629-14-1 | 211-076-1 |
| 100 | N,N-dimethylformamide; dimethyl formamide | 68-12-2 | 200-679-5 |
| 101 | Dibutyltin dichloride (DBT) | 683-18-1 | 211-670-0 |
| 102 | Acetic acid, lead salt, basic* | 51404-69-4 | 257-175-3 |
| 103 | Basic lead carbonate (trilead bis(carbonate)dihydroxide)* | 1319-46-6 | 215-290-6 |
| 104 | Lead oxide sulfate (basic lead sulfate)* | 12036-76-9 | 234-853-7 |
| 105 | [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)* | 69011-06-9 | 273-688-5 |
| 106 | Dioxobis(stearato)trilead* | 12578-12-0 | 235-702-8 |
| 107 | Fatty acids, C16-18, lead salts* | 91031-62-8 | 292-966-7 |
| 108 | Lead bis(tetrafluoroborate)* | 13814-96-5 | 237-486-0 |
| 109 | Lead cyanamidate* | 20837-86-9 | 244-073-9 |
| 110 | Lead dinitrate* | 10099-74-8 | 233-245-9 |
| 111 | Lead oxide (lead monoxide)* | 1317-36-8 | 215-267-0 |
| 112 | Lead tetroxide (orange lead)* | 1314-41-6 | 215-235-6 |



| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|-------------|-----------|
| 113 | Lead titanium trioxide* | 12060-00-3 | 235-038-9 |
| 114 | Lead Titanium Zirconium Oxide* | 12626-81-2 | 235-727-4 |
| 115 | Pentalead tetraoxide sulphate* | 12065-90-6 | 235-067-7 |
| 116 | Pyrochlore, antimony lead yellow* | 8012-00-8 | 232-382-1 |
| 117 | Silicic acid, barium salt, lead-doped* | 68784-75-8 | 272-271-5 |
| 118 | Silicic acid, lead salt* | 11120-22-2 | 234-363-3 |
| 119 | Sulfurous acid, lead salt, dibasic* | 62229-08-7 | 263-467-1 |
| 120 | Tetraethyllead* | 78-00-2 | 201-075-4 |
| 121 | Tetralead trioxide sulphate* | 12202-17-4 | 235-380-9 |
| 122 | Trilead dioxide phosphonate* | 12141-20-7 | 235-252-3 |
| 123 | Furan | 110-00-9 | 203-727-3 |
| 124 | Propylene oxide; 1,2-epoxypropane; methyloxirane | 75-56-9 | 200-879-2 |
| 125 | Diethyl sulphate | 64-67-5 | 200-589-6 |
| 126 | Dimethyl sulphate | 77-78-1 | 201-058-1 |
| 127 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 143860-04-2 | 421-150-7 |
| 128 | Dinoseb | 88-85-7 | 201-861-7 |
| 129 | 4,4'-methylenedi-o-toluidine | 838-88-0 | 212-658-8 |
| 130 | 4,4'-oxydianiline and its salts | 101-80-4 | 202-977-0 |
| 131 | 4-Aminoazobenzene; 4-Phenylazoaniline | 60-09-3 | 200-453-6 |
| 132 | 4-methyl-m-phenylenediamine (2,4-toluene-diamine) | 95-80-7 | 202-453-1 |
| 133 | 6-methoxy-m-toluidine (p-cresidine) | 120-71-8 | 204-419-1 |
| 134 | Biphenyl-4-ylamine | 92-67-1 | 202-177-1 |
| 135 | o-aminoazotoluene | 97-56-3 | 202-591-2 |
| 136 | o-Toluidine; 2-Aminotoluene | 95-53-4 | 202-429-0 |
| 137 | N-methylacetamide | 79-16-3 | 201-182-6 |
| 138 | 1-bromopropane; n-propyl bromide | 106-94-5 | 203-445-0 |

9. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2013 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|-----------|-----------|
| 139 | Cadmium | 7440-43-9 | 231-152-8 |
| 140 | Cadmium oxide* | 1306-19-0 | 215-146-2 |
| 141 | Dipentyl phthalate (DPP) | 131-18-0 | 205-017-9 |
| 142 | 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] | - | - |
| 143 | Ammonium pentadecafluorooctanoate (APFO) | 3825-26-1 | 223-320-4 |
| 144 | Pentadecafluorooctanoic acid (PFOA) | 335-67-1 | 206-379-9 |

10. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2013 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|------------|-----------|
| 145 | Cadmium sulphide* | 1306-23-6 | 215-147-8 |
| 146 | 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 |
| 147 | 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 |
| 148 | Dihexyl phthalate | 84-75-3 | 201-559-5 |
| 149 | Imidazolidine-2-thione (2-imidazoline-2-thiol) | 96-45-7 | 202-506-9 |
| 150 | Lead di (acetate) | 301-04-2 | 206-104-4 |
| 151 | Trixylyl phosphate | 25155-23-1 | 246-677-8 |

11. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2014 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|------------|-------------------------|
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 68515-50-4 | 271-093-5 |
| 153 | Cadmium chloride* | 10108-64-2 | 233-296-7 |
| 154 | Sodium perborate, perboric acid, sodium salt* | -- | 239-172-9, 234-390-0 |
| 155 | Sodium peroxometaborate* | 7632-04-4 | 231-556-4 |

12. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2014 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|---------------------------|-----------|
| 156 | Cadmium fluoride* | 7790-79-6 | 232-222-0 |
| 157 | Cadmium sulphate* | 10124-36-4; 31119-53-6 | 233-331-6 |
| 158 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 3846-71-7 | 223-346-6 |
| 159 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 25973-55-1 | 247-384-8 |
| 160 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 15571-58-1 | 239-622-4 |
| 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) | -- | -- |

13. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2015 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|--------------------------|------------------------|
| 162 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 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 68648-93-1 | 271-094-0 272-013-1 |
| 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 isomers of [1] and [2] or any combination thereof | -- | -- |

14. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN DECEMBER 2015 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|---------------------------------------|-----------|
| 164 | 1,3-propanesultone | 1120-71-4 | 214-317-9 |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 3864-99-1 | 223-383-8 |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 36437-37-3 | 253-037-1 |
| 167 | Nitrobenzene | 98-95-3 | 202-716-0 |
| 168 | Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts | 375-95-1; 21049-39-8; 4149-60-4 | 206-801-3 |

15. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2016 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|-------------------------------------|---------|-----------|
| 169 | Benzo[def]chrysene (Benzo[a]pyrene) | 50-32-8 | 200-028-5 |


16. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2017 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|--------------------------------------|-------------------------|
| 170 | 4,4'-isopropylidenediphenol (bisphenol A; BPA) | 80-05-7 | 201-245-8 |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | 335-76-2, 3830-45-3, 3108-42-7 | 206-400-3, 221-470-5 |
| 172 | p-(1,1-dimethylpropyl)phenol | 80-46-6 | 201-280-9 |
| 173 | 4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] | - | - |

17. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JULY 2017 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|---------|--------|
| 174 | Perfluorohexane-1-sulfonic acid and its salts (PFHxS) | - | - |

18. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2018 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|-----------|------------|
| 175 | 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof] | - | - |
| 176 | Benz[a]anthracene | 200-280-6 | 56-55-3 |
| 177 | Cadmium nitrate | 233-710-6 | 10325-94-7 |
| 178 | Cadmium carbonate | 208-168-9 | 513-78-0 |
| 179 | Cadmium hydroxide | 244-168-5 | 21041-95-2 |
| 180 | Chrysene | 205-923-4 | 218-01-9 |
| 181 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear | - | - |

19. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2018 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|------------|-----------|
| 182 | Octamethylcyclotetrasiloxane (D4) | 556-67-2 | 209-136-7 |
| 183 | Decamethylcyclopentasiloxane (D5) | 541-02-6 | 208-764-9 |
| 184 | Dodecamethylcyclohexasiloxane (D6) | 540-97-6 | 208-762-8 |
| 185 | Lead | 7439-92-1 | 231-100-4 |
| 186 | Disodium octaborate | 12008-41-2 | 234-541-0 |
| 187 | Benzo[ghi]perylene | 191-24-2 | 205-883-8 |
| 188 | Terphenyl hydrogenated | 61788-32-7 | 262-967-7 |
| 189 | Ethylenediamine | 107-15-3 | 203-468-6 |
| 190 | Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA) | 552-30-7 | 209-008-0 |
| 191 | Dicyclohexyl phthalate (DCHP) | 84-61-7 | 201-545-9 |

20. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JAN 2019 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|------------|-----------|
| 192 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 6807-17-6 | 401-720-1 |
| 193 | Benzo[k]fluoranthene | 207-08-9 | 205-916-6 |
| 194 | Fluoranthene | 206-44-0 | 205-912-4 |
| 195 | Phenanthrene | 85-01-8 | 201-581-5 |
| 196 | Pyrene | 129-00-0 | 204-927-3 |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2,2,1]heptan-2-one | 15087-24-8 | 239-139-9 |

21. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JULY 2019 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|----------|-----------|
| 198 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) | - | - |
| 199 | 2-methoxyethyl acetate | 110-49-6 | 203-772-9 |
| 200 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) | - | - |
| 201 | 4-tert-butylphenol (PTBP) | 98-54-4 | 202-679-0 |

22. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JAN 2020 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|-------------|-----------|
| 202 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 119313-12-1 | 404-360-3 |
| 203 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 71868-10-5 | 400-600-6 |
| 204 | Diisohexyl phthalate | 71850-09-4 | 276-090-2 |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts | - | - |

23. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2020 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|------------|-----------|
| 206 | 1-vinylimidazole | 1072-63-5 | 214-012-0 |
| 207 | 2-methylimidazole | 693-98-1 | 211-765-7 |
| 208 | Butyl 4-hydroxybenzoate (Butylparaben) | 94-26-8 | 202-318-7 |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin | 22673-19-4 | 245-152-0 |

24. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2021 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|----------|-----------|
| 210 | Bis(2-(2-methoxyethoxy)ethyl) ether | 143-24-8 | 205-594-7 |
| 211 | 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 | - | - |

25. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JULY 2021 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|---|---------------------------------------|
| 212 | 1,4-dioxane | 123-91-1 | 204-661-8 |
| 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 |
| 214 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers | - | - |
| 215 | 4,4'-(1-methylpropylidene)bisphenol; (bisphenol B) | 77-40-7 | 201-025-1 |
| 216 | Glutaral | 111-30-8 | 203-856-5 |
| 217 | 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] [#] | - | - |
| 218 | Orthoboric acid, sodium salt* | 13840-56-7 | 237-560-2 |
| 219 | 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) | - | - |


26. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2022 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|-------------|-----------|
| 220 | (±)-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) | - | - |
| 221 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) | 119-47-1 | 204-327-1 |
| 222 | 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 |
| 223 | tris(2-methoxyethoxy) vinylsilane | 1067-53-4 | 213-934-0 |

27. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2022 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|-----------------------------|----------|-----------|
| 224 | N-(hydroxymethyl)acrylamide | 924-42-5 | 213-103-2 |

28. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2023 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|------------|-----------|
| 225 | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] (BTBPE) | 37853-59-1 | 253-692-3 |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA) | 79-94-7 | 201-236-9 |
| 227 | 4,4'-sulphonyldiphenol (BPS) | 80-09-1 | 201-250-5 |
| 228 | Barium diboron tetraoxide | 13701-59-2 | 237-222-4 |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH) | - | - |
| 230 | Isobutyl 4-hydroxybenzoate | 4247-02-3 | 224-208-8 |
| 231 | Melamine | 108-78-1 | 203-615-4 |
| 232 | Perfluoroheptanoic acid (PFHpA) and its salts | - | - |
| 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 |

29. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2023 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|------------|-----------|
| 234 | Bis(4-chlorophenyl) sulphone (BCPS) | 80-07-09 | 201-247-9 |
| 235 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 75980-60-8 | 278-355-8 |

30. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2024 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|---|-------------|-----------|
| 236 | 2,4,6-tri-tert-butylphenol (2,4,6-TTBP) | 732-26-3 | 211-989-5 |
| 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol | 3147-75-9 | 221-573-5 |
| 238 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one | 119344-86-4 | 438-340-0 |
| 239 | Bumetrizole (UV-326) | 3896-11-5 | 223-445-4 |
| 240 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP) | - | 700-960-7 |

31. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2024 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|---------|-----------|
| 241 | Bis(α,α -dimethylbenzyl) peroxide | 80-43-3 | 201-279-3 |

32. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN NOVEMBER 2024 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|----------------------------|----------|-----------|
| 242 | Triphenyl phosphate (TPhP) | 115-86-6 | 204-112-2 |

33. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JANUARY 2025 BY ECHA

| No. | Substance Name | CAS NO. | EC NO. |
|-----|--|--------------|-----------|
| 243 | 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid | 2156592-54-8 | 701-118-1 |
| 244 | O,O,O-triphenyl phosphorothioate (TPPT) | 597-82-0 | 209-909-9 |
| 245 | Octamethyltrisiloxane | 107-51-7 | 203-497-4 |
| 246 | Perfluamine | 338-83-0 | 206-420-2 |
| 247 | Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives | 192268-65-8 | 421-820-9 |

Note:

- “%” denotes percent by weight
- “<” denotes less than
- “*” denotes the concentration of substance cannot be determined directly but be converted from the concentration of specific heavy metal(s).
- “#” denotes the substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.
- “§” The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.
- As per article 33 of the REACH regulation (EC No. 1907/2006), recipients of product must be provided with information of safe use if any of the tested substances exceeded 0.1% (w/w).



APPENDIX II

1. According to the Article 33 of the Regulation (EC) No 1907/2006(REACH)-Duty to communicate information on substances in articles.

—Any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a Result above 0.1% weight by weight(w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

—On request by a consumer any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a Result above 0.1% weight by weight(w/w) shall provide the consumer with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. The relevant information shall be provided, free of charge, within 45 days of receipt of the request.

2. According to the Article 33 of the Regulation (EC) No 1907/2006(REACH)-Notification of the Substance in Article.

—If a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), EU and EEA producers or importers of articles have to notify ECHA when their article contains a substance on the Candidate List. This obligation applies if the substance is present above 0.1%(w/w) and its quantities in the produced/imported articles are above 1 tonne in total per year.

3. According to the other articles of the Regulation(EC) No 1907/2006(REACH),The relevant obligation for the substance on its own or in preparation.

—**OBLIGATIONS:SUBSTANCES**

From 28 October 2008, EU&EEA suppliers of a substance have to provide a safety data sheet to their customers when the substance is on the Candidate List.

—**OBLIGATIONS:PREPARATIONS**

From 28 October 2008, EU&EEA suppliers of a preparation not classified as dangerous according to Directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the preparation contains at least one substance on the Candidate List and its individual Result is at least 0.1%(w/w) for non gaseous preparations and at least 0.2% by volume for gaseous preparations

General Terms and Conditions

of TÜV SÜD Hong Kong Limited
(hereinafter referred to as *the Company*)



1. General Information and Definitions

- (1.1) In the event that an order for any services is placed, the Client shall accept the General Terms and Conditions. The General Terms and Conditions shall be applicable to all orders resulting contracts and other arrangements, including all offers made or services provided by the Company or any of its fellow subsidiaries. They are not applicable if and as far as they are in conflict with the regulations on services performed on behalf of governments, government bodies or any other public entity, or they are in conflict with mandatory provisions of local law. The Client's placement of orders as well as the conclusion of contracts with the Company shall be regarded as awareness and acceptance of these General Terms and Conditions.
- (1.2) The Company strongly recommends any Client or potential Client to read the full text of these General Terms and Conditions prior to placement of any order to or conclusion of any contract with the Company. The General Terms and Conditions apply exclusively. Any general terms and conditions of the Client which deviate from, conflict with or supplement these General Terms and Conditions will become part of the contract only if and to the extent that the Company has explicitly approved their application. This approval requirement applies in any event and even if the Company for example renders the services to the Client without reservation despite being aware of the client's general terms and conditions of business. Ancillary agreements, promises and other statements made on the part of the Company staff or the experts called upon by them shall be binding only if they are expressly confirmed by the Company in writing. This shall also apply to any modifications of this clause.

2. Provision of Services

- (2.1) With due care and skill, the Company will provide services according to Client's specific instructions as made available by the Client. In the absence of Client's specific instructions, the following is deemed as instructions given to the Company:
- The terms of any standard specification sheet or standard order form provided by the Company; and/or
 - Any relevant usage, practice or trade custom; and/or
 - Such methods the Company considers technically, operationally and/or on financial grounds appropriate.
- (2.2) No other party is entitled to give any instructions particularly on the scope and type of the services or the reports delivered, or on the resulting certificates (the "Reports of Findings"), unless the Company receives prior written instructions to the contrary from the Client. The Client hereby irrevocably authorizes the Company to deliver Reports of Findings to a third party where so instructed by the Client or, at the Company's discretion, where it implicitly follows from circumstances, trade custom, usage or practice.
- (2.3) The information stated in the Report of Findings is derived from the results of inspection or testing procedures carried out in accordance with the instructions and/or Company's assessment of such results on the basis of any technical standards, trade custom or practice, or other circumstances which should in Company's professional experience be taken into account.
- (2.4) Reports of Findings issued after the testing of samples refer the Company's opinion only on samples under testing and not to the lot from which the samples were drawn.
- (2.5) Client agrees that the Company's sole responsibility is to be present at the time of the third party's intervention and to forward the results, or confirm the occurrence of the intervention, in case Client requests the Company to witness any third party's intervention. Client agrees that the Company will use the test methods for analysis as requested in the request form, and if none is stated in the form, the Company will choose the appropriate test methods for analysis.
- (2.6) The Reports of Findings issued by the Company will reflect the facts as recorded by it at the time of its intervention only and within the limits of the instructions received or, in the absence of such instructions, within the limits of the alternative parameters applied as provided for in Clause 2.1. The Company is under no obligation to refer to, or report upon, any facts or circumstances, which are outside the specific instructions received or alternative parameters applied.
- (2.7) The performance of all or part of the services may be delegated to an agent or subcontractor by the Company. The Client authorizes the Company to disclose all information necessary for such performance to the agent or subcontractor.
- (2.8) Documents reflecting engagements contracted between the Client and third parties or third party documents, e.g. sales contract copies, letters of credit, bills of lading, etc. should be made available to the Company. These are considered to be for information only, and do not extend or restrict the scope of the services or the obligations accepted by the Company.
- (2.9) The Company agrees that, by providing the services to the Client, it neither takes the place of Client or any third party, nor otherwise assumes, abridges, abrogates or undertakes to discharge any duty of the Client to any third party or that of any third party to the Client. Also, it does not release the Client or any third party from any of their obligations.
- (2.10) Depending on the nature of each sample, all samples given to the Company shall be retained for a maximum of 3 months or for such other shorter time period as the nature of the sample permits, and then sent back to Client or otherwise disposed of at the Company's discretion. After that time the Company will not be responsible for the samples. Storage of samples for more than 3 months shall incur a storage fee payable by the Client. If samples are returned to the Client, the Client will be billed a handling and freight fees. Special disposal charges will be billed to the Client if incurred.

3. Client's Obligations

The Client shall:

- ensure that all required supporting documents, information and instructions as submitted are accurate, truthful and complete. These information are to be submitted in a timely not later than 2 working days from the date of which the services are requested by the Client
- ensure to give all necessary access for the Company's representatives to the premises where the services are to be performed and to take all necessary steps to eliminate or remedy any obstacles to, or interruptions in the performance of the services;
- make available any special equipment and personnel necessary for the performance of the services, if required;
- ensure that for the safety and security of working conditions, sites and installations, all necessary measures are taken during the performance of services. In this respect, the Client will not rely on the Company's advice whether required or not;
- inform the Company of any known hazards or dangers, actual or potential, associated with any order, samples, testing or any other service rendered by the Company well in advance. Those are, but are not limited to the presence or risk of radiation, environmental pollution or poisons- toxic or noxious or explosive elements or materials;
- fully exercise all its rights and discharge all its liabilities under any relevant sales or other contract with a third party.

4. Fees and Payment

- All Fees not agreed on between the Company and Client at the time the order is placed or a contract is concluded shall be determined by the Company's Schedule of Fees (which are subject to change). All applicable taxes shall be paid by Client, as far as mandatory laws do not provide otherwise.
- Unless a specific period is established in the invoice, the Client shall pay upon receiving the invoice, but not later than 30 days from the relevant invoice date or within such other period as may be established by the Company in the invoice (the "Due Date").
- The Client shall not be entitled to retain or defer due payment of any sums to the Company on account of any dispute, counter claim or set-off against the Company. The Company reserves the right to retain or defer any due payments if any dispute arises with or it raises any counterclaim against the Client. The Company is entitled to set off due payments against payments of the Client.
- For the collection of unpaid fees, the Company may decide to bring action in any court with competent jurisdiction. The corresponding collection costs, including attorney's fees and related costs, shall be borne by the Client, as far as the mandatory local law does not provide otherwise.
- In case of any unforeseen problems or expenses arise while carrying out the services, the Company informs the Client. In such cases, the Company shall be entitled to charge additional fees to cover extra time and to invoice extra costs necessarily incurred to complete the services.
- If the Company is unable to perform all or parts of the services for any cause whatsoever beyond the Company's control, including the failure by Client to comply with any of its obligations provided for in the foregoing Clause 3, the Company shall nevertheless be entitled to payments of:
 - The amount of all non-refundable expenses incurred by the Company; and
 - A proportion of the agreed fee equal to the proportion of the services actually carried out.

5. Suspension or Termination of Services

In any case mentioned below, the Company shall be entitled to either suspend or terminate the provision of the services immediately and without any liability:

- Failure by the Client to comply with any of its obligations under these General Terms and Conditions and such failure is not remedied within 10 days after a notice of such failure has been delivered to the Client; or
- Any suspension of payment, arrangement with creditors, bankruptcy, insolvency, receivership or cessation of business by Client.

6. Liability and Indemnification

(6.1) Limitation of Liability

- Clients seeking a guarantee against loss or damage should obtain appropriate insurance. The Company is neither an insurer nor a guarantor and disclaims all liability in such capacity.
- Reports of Findings are issued on the basis of the information, documents and/or samples provided by, or on behalf of the Client and solely for the benefit of the Client who is obliged to act on the basis of such Reports of Findings. Neither the Company nor any of its staff, agents or subcontractors shall be liable to the Client nor to any third party for any actions taken or not taken on the basis of such Reports of Findings, or for any incorrect results arising from unclear, erroneous, incomplete, misleading or false information provided to the Company.
- For any delayed, total or partial non-performance of the services arising directly or indirectly from any event beyond the Company's control, including failure by Client to comply with any of its obligations hereunder, the Company shall not be liable.
- The liability of the Company in respect of any claim for loss, damage or expense of any nature and howsoever arising shall in no circumstances exceed a total aggregate sum equal to 10 times the amount of the fee paid in respect of the specific service which gives rise to such claim, and shall in any case not exceed the equivalent of 25,000 EUR in HKD.
- For any indirect or consequential loss (including loss of profits), the Company shall not have any liabilities.
- In case of any claim, the Client must give written notice to the Company within 30 days of discovery of the facts with all necessary documents to justify such claim. In any case, the Company shall be discharged from all liability for all claims for loss, damage or expense unless a lawsuit is brought within three years from:
 - the performance date of the Company for its services which refers to the claim; or
 - the date when the service should have been completed in the event of any alleged non-performance.

- (6.2) Indemnification:** Against all claims (actual or threatened) by any third party for loss, damage or expenses of whatsoever nature including all legal expenses and related costs and howsoever arising relating to the performance, purported performance or non-performance of any services, the Client shall guarantee, hold harmless and indemnify the Company and its officers, employees, agents or subcontractors.

7. Obligation of Confidentiality, Copyright, Data Privacy Protection

- The Company shall be authorized to copy and make file copies of written documents, which have been made available to it for review and which are important for processing the order.
- In as far as expert opinions, test results, calculations and other documents or work products that are protected by copyright (hereinafter referred to as "Work") are prepared within the scope of contractual performance, including in electronic form and drafts, the Company shall grant the Client a simple, non-transferable and non-licensable right to use, insofar as this is necessary and in accordance with the contractually presupposed purpose. Other rights of the Work shall not be granted or transferred; in particular, the Client may use any such Work only in complete and otherwise unchanged form. In particular, any publication or duplication for marketing purposes shall require the Company's prior consent in writing.
- The Company and its staff which may be called in shall not disclose or use trade and business matters about which they have gained knowledge during the performance of their work without proper authorization, or unless instructed by a court or authorized body (e.g. regulatory authority, accreditation body or certification scheme owner) or otherwise legally required.
- For all nonpublic personal information, protected health information, other personal information, and personal data as each of those terms is defined in or by application of each respective privacy regulations under Governing Law (collectively, the "Personal Data"), the Client confirms that the Personal Data has been collected and processed and that consents required to provide the Personal Data to the Company have been obtained in accordance with the privacy regulations under Governing Law; and the Company shall only store, process, transfer and use the Clients' Personal Data for the proper implementation of orders, contracts and for its own purposes and shall observe the applicable privacy regulations. To this end, the Company will also use automated data processing systems.

The Client shall indemnify, defend and the Company harmless from and against any and all claims, liabilities, losses, reasonable expenses (including reasonable attorneys' fees), fines, penalties and/or damages actually incurred by or asserted against the Company in connection with the processing of the personal data as stipulated in 7.4.

8. Force Majeure

In the event that either party is unable to perform its obligations to the other party in whole or in part or not in a timely manner due to an unusual and unforeseeable event beyond the control of that party (force majeure event), the affected obligations of the party relying on the force majeure event shall be suspended for as long as the force majeure event and its consequences persists; any obligations of the other party to provide consideration during this time shall lapse. Claims of the other party, in particular claims for damages, shall not arise in this respect. The party invoking force majeure shall, however, be obliged to inform the other party without delay in text form of the event, the suspended performance obligations and the expected duration of the suspension of the performance obligations. The same shall apply if, by observing a reasonable duty of care, the party invoking force majeure recognizes, whilst the performance obligations are suspended, that the notified probable duration of the suspension will change significantly. If the force majeure event lasts longer than six months from the first information to the other party, both parties shall be entitled to withdraw from the contract. The right of withdrawal shall be replaced by a right of termination for continued obligations.

9. Export control and embargoes

- The Company does not have the obligation to provide services in due time to the extent that and for as long as such provision of services would result in violations of export control and embargo restrictions. In such a case, the Company agrees to notify the Client without undue delay about the fact that services may not be provided (impediment to performance).
- In the event that the Company is prevented from timely provision of services because permits, licenses or other official procedures imposed by restrictions under export control and embargo law need to be obtained, the delivery and completion deadlines agreed by the Company and the Client with binding effect shall be adequately extended by the duration of the delay caused thereby. In such a case, the Company agrees to notify the Client without undue delay in textual form about the delay.
- Where the impediment to performance pursuant to Section 9.1 or the delay pursuant to Section 9.2 lasts longer than six months beyond the date of initial notification of the Client by the Company, either party has the right to rescind the contract. In case of contracts for the performance of continuing obligations, either party has the right to terminate the contract instead. The Client may not assert any additional claims

based on Sections 9.1 and 9.2, including, but not limited to, claims for damages.

- (9.4) The Client has the obligation to observe the export control and embargo law restrictions, as applicable and in effect at the time, when making use of or passing on services provided by Company. The Client has the obligation to obtain any permits or licenses that may have to be obtained from the competent authorities, if and where necessary. In case of a violation of export control and embargo restrictions by the Client, the Company has the right to rescind the contract. In case of contracts for the performance of continuing obligations, the Company has the right to terminate the contract instead
- (9.5) To the extent requested to do so, the Client has the obligation to provide the Company, without undue delay, with any and all information on the intended use, final recipient and end use of the services to be provided by the Company.
- (9.6) The Client agrees to indemnify the Company to the full extent against any and all claims that may be asserted against the Company by authorities or other third parties on the grounds of intentional or negligent violations of export control and embargo restrictions by the Client and undertakes to indemnify the Company for and against any and all losses sustained, damage suffered and expenses incurred as a result.

10. Miscellaneous

- (10.1) The validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired, even if any one or more provisions of these General Conditions are found to be illegal or unenforceable in any respect.
- (10.2) Client shall not directly or indirectly entice, encourage or make any offer to Company's employees to leave their employment with the Company, during the course of providing the services and for a period of one year thereafter.
- (10.3) Use of the Company's corporate name or registered marks for advertising purposes is not permitted without the Company's prior written authorization.

11. Governing Law, Jurisdiction and Dispute Settlement

- (11.1) Unless specifically agreed otherwise, all disputes arising out of or in connection with contractual relationship(s) hereunder shall be governed by the applicable laws and regulations of the Hong Kong S.A.R Region.
- (11.2) Place of performance for any obligation arising out of this contract shall be Hong Kong, the Place of the Company unless otherwise expressly agreed by the parties.

12. Languages

In the event of any discrepancy between the English and the Chinese version of these General Terms and Conditions, the English version shall prevail.