



**Test Report No. 68.413.26.0089.01**

**Rev. 00**

**Dated 2026-05-15**

Applicant: Guangdong Liwang New Energy Co.,Ltd.

Address: No 10, LianTangJiao 2nd Road, TangXia Town, DongGuan City, GuangDong Province, China

Sample Description: Alkaline Zinc-Manganese Dioxide Battery

Tested Model No.: LR6

Ref. Model No.: LR03, LR14, LR20, LR1, LR61, 6LR61, 3LR12

Sample Received Date: 2026-04-24

Test Period: From 2026-04-24 to 2026-05-15

Location of Testing: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch

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

Test Result: Refer to following page(s)

Remark:  
- The result relates only to the items tested.  
- The reference model(s) was declared by client.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
TÜV SÜD Group

Prepared by:

Sophie Fu  
**Project Handler**



Reviewed by:

Scarlett Liang  
**Designated Reviewer**

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Disclaimer Measurement Uncertainty: Unless otherwise agreed upon, pass or fail verdicts are given based on the measured values without consideration of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as pass or fail.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
TÜV SÜD Group  
Building 12 & 13, Zhiheng Wisdomland Business Park,  
Guankou Erlu, Nantou, Nanshan District,  
Shenzhen, Guangdong 518052 China

Tel.: (86) 755 88286998  
Fax: (86) 755 88285299



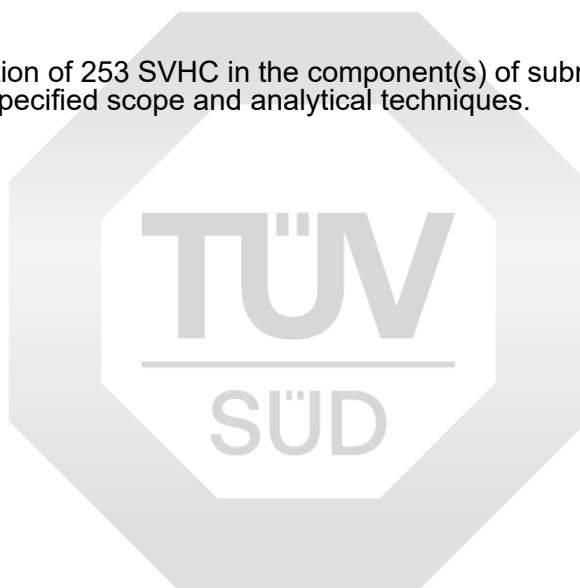
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### SUMMARY OF TEST RESULTS

| No.                                                                                                                                                                                                                     | Test Requested                                                       | Conclusion    | Remarks |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------|---------|
| REACH Regulation (EC) No. 1907/2006<br>– 253 Substances of Very High Concern (SVHC) analysis based on the Candidate List published by the European Chemicals Agency (ECHA) in the component(s) of submitted product(s). |                                                                      |               |         |
| 1.                                                                                                                                                                                                                      | Each applicable items of 253 substances of very high concern (SVHCs) | < 0.1 % (w/w) |         |

Note:

- The concentration of 253 SVHC in the component(s) of submitted product(s) is based on the specified scope and analytical techniques.



1. TESTED SUBJECT DESCRIPTION

| Test No. | Sample No. | Tested Material Description | Photo                                                                               |
|----------|------------|-----------------------------|-------------------------------------------------------------------------------------|
| T1       | 001        | Blue packed battery         |  |



## 2. TEST RESULTS

### 2.1. 253 SUBSTANCES OF VERY HIGH CONCERN (SVHCs) CONTENT TEST

Test method: Screening test. [Reporting limit: 0.010%]

For organic substance(s) analysis, extracted by organic solvent, followed by using Liquid Chromatography with Tandem Mass Spectrometry Detection (LC-MS/MS), Gas Chromatography and Mass Spectrometry (GC-MS), headspace GC-MS, High Performance Liquid Chromatography-Diode Array Detection (HPLC-DAD) and Gas chromatograph and mass selective detector with chemical ionization (GC-ECNI-MS);

For heavy metal(s) analysis, digested by acid, followed by using Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Atomic Absorption Spectrometry (AAS) and Ultraviolet-visible spectrophotometer (UV-Vis).

| Test Item(s)                                                          | Result [%] |
|-----------------------------------------------------------------------|------------|
|                                                                       | Sample 001 |
| Each applicable items of 253 substances of very high concern (SVHCs)* | < 0.010    |

Note:

- “%” denotes percent by weight
- “\*” refer to APPENDIX I for detailed list of SVHCs

## APPENDIX I - 253 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 <sup>§</sup>                                                                                                     | 120-12-7                                                         | 204-371-1               |
| 2   | 4,4'- Diaminodiphenylmethane (MDA) <sup>§</sup>                                                                             | 101-77-9                                                         | 202-974-4               |
| 3   | Dibutyl phthalate (DBP) <sup>§</sup>                                                                                        | 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) <sup>§</sup>                                                             | 81-15-2                                                          | 201-329-4               |
| 9   | Bis (2-ethylhexyl) phthalate (DEHP) <sup>§</sup>                                                                            | 117-81-7                                                         | 204-211-0               |
| 10  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-HBCDD, Beta-HBCDD, Gamma-HBCDD <sup>§</sup> | 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) <sup>§</sup>                                             | 85535-84-8                                                       | 287-476-5               |
| 12  | Bis(tributyltin)oxide (TBTO)* <sup>§</sup>                                                                                  | 56-35-9                                                          | 200-268-0               |
| 13  | Lead hydrogen arsenate*                                                                                                     | 7784-40-9                                                        | 232-064-2               |
| 14  | Benzyl butyl phthalate (BBP) <sup>§</sup>                                                                                   | 85-68-7                                                          | 201-622-7               |
| 15  | Triethyl arsenate*                                                                                                          | 15606-95-8                                                       | 427-700-2               |

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**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 <sup>#§</sup>                                             | 90640-80-5 | 292-602-7 |
| 17  | Anthracene oil, anthracene paste, distn. lights <sup>#§</sup>            | 91995-17-4 | 295-278-5 |
| 18  | Anthracene oil, anthracene paste, anthracene fraction <sup>#§</sup>      | 91995-15-2 | 295-275-9 |
| 19  | Anthracene oil, anthracene-low <sup>#§</sup>                             | 90640-82-7 | 292-604-8 |
| 20  | Anthracene oil, anthracene paste <sup>#§</sup>                           | 90640-81-6 | 292-603-2 |
| 21  | Pitch, coal tar, high temp <sup>#§</sup>                                 | 65996-93-2 | 266-028-2 |
| 22  | 2,4-Dinitrotoluene <sup>§</sup>                                          | 121-14-2   | 204-450-0 |
| 23  | Diisobutyl phthalate (DIBP) <sup>§</sup>                                 | 84-69-5    | 201-553-2 |
| 24  | Tris(2-chloroethyl)phosphate <sup>§</sup>                                | 115-96-8   | 204-118-5 |
| 25  | Lead chromate <sup>*</sup>                                               | 7758-97-6  | 231-846-0 |
| 26  | Lead sulfochromate yellow (C.I. Pigment Yellow 34) <sup>*</sup>          | 1344-37-2  | 215-693-7 |
| 27  | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) <sup>*</sup> | 12656-85-8 | 235-759-9 |
| 28  | Acrylamide <sup>§</sup>                                                  | 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 <sup>§</sup>           | 79-01-6                              | 201-167-4              |
| 30  | Boric acid*                              | 10043-35-3<br>11113-50-1             | 233-139-2<br>234-343-4 |
| 31  | Disodium tetraborate, anhydrous*         | 1330-43-4<br>12179-04-3<br>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 <sup>§</sup>                               | 109-86-4                                    | 203-713-7                                  |
| 42  | 2-Ethoxyethanol <sup>§</sup>                                | 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<br>13530-68-2<br>not yet assigned | 231-801-5<br>236-881-5<br>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) <sup>§</sup>                                                   | 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) <sup>§</sup> | 68515-42-4          | 271-084-6 |
| 48  | Hydrazine <sup>§</sup>                                                                       | 7803-57-8, 302-01-2 | 206-114-9 |
| 49  | 1-Methyl-2-pyrrolidone <sup>§</sup>                                                          | 872-50-4            | 212-828-1 |
| 50  | 1,2,3-Trichloropropane <sup>§</sup>                                                          | 96-18-4             | 202-486-1 |
| 51  | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) <sup>§</sup>     | 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 <sup>§</sup>                                                       | 107-06-2   | 203-458-1 |
| 53  | 2,2'-Dichloro-4,4'-methylenedianiline (MOCA) <sup>§</sup>                             | 101-14-4   | 202-918-9 |
| 54  | 2-Methoxyaniline, o-Anisidine <sup>§</sup>                                            | 90-04-0    | 201-963-1 |
| 55  | 4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol) <sup>§</sup>                 | 140-66-9   | 205-426-2 |
| 56  | Aluminosilicate Refractory Ceramic Fibres (RCF) <sup>§</sup>                          | --         | ---       |
| 57  | Arsenic acid*                                                                         | 7778-39-4  | 231-901-9 |
| 58  | Bis(2-methoxyethyl) ether <sup>§</sup>                                                | 111-96-6   | 203-924-4 |
| 59  | Bis(2-methoxyethyl) phthalate <sup>§</sup>                                            | 117-82-8   | 204-212-6 |
| 60  | Calcium arsenate*                                                                     | 7778-44-1  | 231-904-5 |
| 61  | Dichromium tris(chromate) *                                                           | 24613-89-6 | 246-356-2 |
| 62  | Formaldehyde, oligomeric reaction products with aniline (technical MDA) <sup>#§</sup> | 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) <sup>§</sup>                                             | 127-19-5   | 204-826-4 |
| 67  | Pentazinc chromate octahydroxide*                                                     | 49663-84-5 | 256-418-0 |
| 68  | Phenolphthalein <sup>§</sup>                                                          | 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) <sup>§</sup>                                                                                                                                                                                   | 112-49-2   | 203-977-3 |
| 73  | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) <sup>§</sup>                                                                                                                                                                         | 110-71-4   | 203-794-9 |
| 74  | Diboron trioxide*                                                                                                                                                                                                                                | 1303-86-2  | 215-125-8 |
| 75  | Formamide <sup>§</sup>                                                                                                                                                                                                                           | 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) <sup>§</sup>                                                                                                                                                            | 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) <sup>§</sup>                                                                                                                                             | 59653-74-6 | 423-400-0 |
| 79  | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) <sup>§</sup>                                                                                                                                                                              | 90-94-8    | 202-027-5 |
| 80  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) <sup>§</sup>                                                                                                                                                                      | 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 ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] <sup>§</sup> | 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 ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] <sup>§</sup>                   | 548-62-9   | 208-953-6 |
| 83  | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] <sup>§</sup>                                                                                   | 561-41-1   | 209-218-2 |
| 84  | α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] <sup>§</sup>                                               | 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) <sup>§</sup>                                                                                                                         | 1163-19-5                                      | 214-604-9                                  |
| 86  | Pentacosafuorotridecanoic acid <sup>§</sup>                                                                                                                                | 72629-94-8                                     | 276-745-2                                  |
| 87  | Tricosafuorododecanoic acid <sup>§</sup>                                                                                                                                   | 307-55-1                                       | 206-203-2                                  |
| 88  | Henicosafuoroundecanoic acid <sup>§</sup>                                                                                                                                  | 2058-94-8                                      | 218-165-4                                  |
| 89  | Heptacosafuorotetradecanoic acid <sup>§</sup>                                                                                                                              | 376-06-7                                       | 206-803-4                                  |
| 90  | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <sup>#§</sup>                                                                                                              | -                                              | -                                          |
| 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 <sup>#§</sup> | -                                              | -                                          |
| 92  | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) <sup>§</sup>                                                                                                             | 123-77-3                                       | 204-650-8                                  |
| 93  | Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) <sup>§</sup>                                                                                   | 85-42-7                                        | -                                          |
| 94  | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride <sup>§</sup>           | 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 <sup>§</sup>                                                                                                                                           | 625-45-6                                       | 210-894-6                                  |
| 96  | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear <sup>§</sup>                                                                                              | 84777-06-0                                     | 284-032-2                                  |
| 97  | Diisopentylphthalate (DIPP) <sup>§</sup>                                                                                                                                   | 605-50-5                                       | 210-088-4                                  |
| 98  | N-pentyl-isopentylphthalate <sup>§</sup>                                                                                                                                   | 776297-69-9                                    | -                                          |
| 99  | 1,2-Diethoxyethane <sup>§</sup>                                                                                                                                            | 629-14-1                                       | 211-076-1                                  |
| 100 | N,N-dimethylformamide; dimethyl formamide <sup>§</sup>                                                                                                                     | 68-12-2                                        | 200-679-5                                  |
| 101 | Dibutyltin dichloride (DBT) <sup>§</sup>                                                                                                                                   | 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 cyanamate*                                                                                                                                                            | 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                                  |
| 113 | Lead titanium trioxide*                                                                                                                                                    | 12060-00-3                                     | 235-038-9                                  |
| 114 | Lead Titanium Zirconium Oxide*                                                                                                                                             | 12626-81-2                                     | 235-727-4                                  |

| No. | Substance Name                                                  | CAS NO.     | EC NO.    |
|-----|-----------------------------------------------------------------|-------------|-----------|
| 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  | 235-252-2 |
| 123 | Furan <sup>§</sup>                                              | 110-00-9    | 203-727-3 |
| 124 | Propylene oxide; 1,2-epoxypropane; methyloxirane <sup>§</sup>   | 75-56-9     | 200-879-2 |
| 125 | Diethyl sulphate <sup>§</sup>                                   | 64-67-5     | 200-589-6 |
| 126 | Dimethyl sulphate <sup>§</sup>                                  | 77-78-1     | 201-058-1 |
| 127 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine <sup>§</sup> | 143860-04-2 | 421-150-7 |
| 128 | Dinoseb <sup>§</sup>                                            | 88-85-7     | 201-861-7 |
| 129 | 4,4'-methylenedi-o-toluidine <sup>§</sup>                       | 838-88-0    | 212-658-8 |
| 130 | 4,4'-oxydianiline and its salts <sup>§</sup>                    | 101-80-4    | 202-977-0 |
| 131 | 4-Aminoazobenzene; 4-Phenylazoaniline <sup>§</sup>              | 60-09-3     | 200-453-6 |
| 132 | 4-methyl-m-phenylenediamine (2,4-toluene-diamine) <sup>§</sup>  | 95-80-7     | 202-453-1 |
| 133 | 6-methoxy-m-toluidine (p-cresidine) <sup>§</sup>                | 120-71-8    | 204-419-1 |
| 134 | Biphenyl-4-ylamine <sup>§</sup>                                 | 92-67-1     | 202-177-1 |
| 135 | o-aminoazotoluene <sup>§</sup>                                  | 97-56-3     | 202-591-2 |
| 136 | o-Toluidine; 2-Aminotoluene <sup>§</sup>                        | 95-53-4     | 202-429-0 |
| 137 | N-methylacetamide <sup>§</sup>                                  | 79-16-3     | 201-182-6 |
| 138 | 1-bromopropane; n-propyl bromide <sup>§</sup>                   | 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) <sup>§</sup>                                                                                                                                                                                                                                                                                                            | 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] <sup>§</sup> | -         | -         |
| 143 | Ammonium pentadecafluorooctanoate (APFO) <sup>§</sup>                                                                                                                                                                                                                                                                                            | 3825-26-1 | 223-320-4 |
| 144 | Pentadecafluorooctanoic acid (PFOA) <sup>§</sup>                                                                                                                                                                                                                                                                                                 | 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) <sup>§</sup>                                             | 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) <sup>§</sup> | 1937-37-7  | 217-710-3 |
| 148 | Di-n-hexyl phthalate <sup>§</sup>                                                                                                                                    | 84-75-3    | 201-559-5 |
| 149 | Imidazolidine-2-thione (2-imidazoline-2-thiol) <sup>§</sup>                                                                                                          | 96-45-7    | 202-506-9 |
| 150 | Lead di (acetate)*                                                                                                                                                   | 301-04-2   | 206-104-4 |
| 151 | Trixylyl phosphate <sup>§</sup>                                                                                                                                      | 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 <sup>§</sup> | 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;<br>31119-53-6 | 233-331-6 |
| 158 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) <sup>§</sup>                                                                                                                                                                                                         | 3846-71-7                 | 223-346-6 |
| 159 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) <sup>§</sup>                                                                                                                                                                                                     | 25973-55-1                | 247-384-8 |
| 160 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) <sup>§</sup>                                                                                                                                                                       | 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) <sup>§</sup> | --                        | --        |

## 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 ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5) <sup>§</sup>                                                     | 68515-51-5<br>68648-93-1 | 271-094-0<br>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] <sup>§</sup> | --                       | --                     |

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

| No. | Substance Name                                                                                                                          | CAS NO.                               | EC NO.    |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------|
| 164 | 1,3-propanesultone <sup>§</sup>                                                                                                         | 1120-71-4                             | 214-317-9 |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) <sup>§</sup>                                                             | 3864-99-1                             | 223-383-8 |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) <sup>§</sup>                                                       | 36437-37-3                            | 253-037-1 |
| 167 | Nitrobenzene <sup>§</sup>                                                                                                               | 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-heptadecafluorononanoic acid and its sodium and ammonium salts) <sup>§</sup> | 375-95-1;<br>21049-39-8;<br>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) <sup>§</sup> | 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) <sup>§</sup>                                                                                                                                                                                                                                                    | 80-05-7                              | 201-245-8               |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts <sup>§</sup>                                                                                                                                                                                                                              | 335-76-2,<br>3830-45-3,<br>3108-42-7 | 206-400-3,<br>221-470-5 |
| 172 | p-(1,1-dimethylpropyl)phenol <sup>§</sup>                                                                                                                                                                                                                                                                      | 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] <sup>§</sup> | -                                    | -                       |

**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) <sup>§</sup> | -       | -      |

**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] <sup>§</sup> | -         | -          |
| 176 | Benz[a]anthracene <sup>§</sup>                                                                                                                                                                                        | 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 <sup>§</sup>                                                                                                                                                                                                 | 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] <sup>§</sup>                                | -         | -          |

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

| No. | Substance Name                                                                            | CAS NO.    | EC NO.    |
|-----|-------------------------------------------------------------------------------------------|------------|-----------|
| 182 | Octamethylcyclotetrasiloxane (D4) <sup>§</sup>                                            | 556-67-2   | 209-136-7 |
| 183 | Decamethylcyclopentasiloxane (D5) <sup>§</sup>                                            | 541-02-6   | 208-764-9 |
| 184 | Dodecamethylcyclohexasiloxane (D6) <sup>§</sup>                                           | 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 <sup>§</sup>                                                           | 191-24-2   | 205-883-8 |
| 188 | Terphenyl hydrogenated <sup>§</sup>                                                       | 61788-32-7 | 262-967-7 |
| 189 | Ethylenediamine <sup>§</sup>                                                              | 107-15-3   | 203-468-6 |
| 190 | Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA) <sup>§</sup> | 552-30-7   | 209-008-0 |
| 191 | Dicyclohexyl phthalate (DCHP) <sup>§</sup>                                                | 84-61-7    | 201-545-9 |

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

| No. | Substance Name                                                             | CAS NO.    | EC NO.    |
|-----|----------------------------------------------------------------------------|------------|-----------|
| 192 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane <sup>§</sup>                     | 6807-17-6  | 401-720-1 |
| 193 | Benzo[k]fluoranthene <sup>§</sup>                                          | 207-08-9   | 205-916-6 |
| 194 | Fluoranthene <sup>§</sup>                                                  | 206-44-0   | 205-912-4 |
| 195 | Phenanthrene <sup>§</sup>                                                  | 85-01-8    | 201-581-5 |
| 196 | Pyrene <sup>§</sup>                                                        | 129-00-0   | 204-927-3 |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2,2,1]heptan-2-one <sup>§</sup> | 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) <sup>§</sup> | -        | -         |
| 199 | 2-methoxyethyl acetate <sup>§</sup>                                                                                                                                      | 110-49-6 | 203-772-9 |
| 200 | Tris(4-nonylphenyl, branched and linear) phosphite <sup>§</sup>                                                                                                          | -        | -         |
| 201 | 4-tert-butylphenol (PTBP) <sup>§</sup>                                                                                                                                   | 98-54-4  | 202-679-0 |

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

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

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

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

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

| No. | Substance Name                                                                                                                                                                                             | CAS NO.                                  | EC NO.                          |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------|
| 212 | 1,4-dioxane <sup>§</sup>                                                                                                                                                                                   | 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) <sup>§</sup>                   | 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 <sup>§</sup>                                                                                                                        | -                                        | -                               |
| 215 | 4,4'-(1-methylpropylidene)bisphenol; (bisphenol B) <sup>§</sup>                                                                                                                                            | 77-40-7                                  | 201-025-1                       |
| 216 | Glutaral <sup>§</sup>                                                                                                                                                                                      | 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] <sup>§</sup>           | -                                        | -                               |
| 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) <sup>§</sup> | -                                        | -                               |

**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) <sup>§</sup>          | -           | -         |
| 221 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) <sup>§</sup>                                                                                                             | 119-47-1    | 204-327-1 |
| 222 | 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 <sup>§</sup> | 255881-94-8 | 401-850-9 |
| 223 | Tris(2-methoxyethoxy)vinylsilane <sup>§</sup>                                                                                                                                | 1067-53-4   | 213-934-0 |

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

| No. | Substance Name                           | CAS NO.  | EC NO.    |
|-----|------------------------------------------|----------|-----------|
| 224 | N-(hydroxymethyl)acrylamide <sup>§</sup> | 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) <sup>§</sup>                                                                                              | 37853-59-1 | 253-692-3 |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA) <sup>§</sup>                                                                                                      | 79-94-7    | 201-236-9 |
| 227 | 4,4'-sulphonyldiphenol (BPS) <sup>§</sup>                                                                                                                                  | 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) <sup>§</sup>                                               | -          | -         |
| 230 | Isobutyl 4-hydroxybenzoate <sup>§</sup>                                                                                                                                    | 4247-02-3  | 224-208-8 |
| 231 | Melamine <sup>§</sup>                                                                                                                                                      | 108-78-1   | 203-615-4 |
| 232 | Perfluoroheptanoic acid (PFHpA) and its salts <sup>§</sup>                                                                                                                 | -          | -         |
| 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 <sup>§</sup> | -          | 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) <sup>§</sup>             | 80-07-9    | 201-247-9 |
| 235 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide <sup>§</sup> | 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) <sup>§</sup>                                               | 732-26-3    | 211-989-5 |
| 237 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol <sup>§</sup>                           | 3147-75-9   | 221-573-5 |
| 238 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one <sup>§</sup>  | 119344-86-4 | 438-340-0 |
| 239 | Bumetrizole (UV-326) <sup>§</sup>                                                                  | 3896-11-5   | 223-445-4 |
| 240 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP) <sup>§</sup> | -           | 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 <sup>§</sup> | 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) <sup>§</sup> | 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 <sup>§</sup>  | 2156592-54-8 | 701-118-1 |
| 244 | O,O,O-triphenyl phosphorothioate <sup>§</sup>                                                   | 597-82-0     | 209-909-9 |
| 245 | Octamethyltrisiloxane <sup>§</sup>                                                              | 107-51-7     | 203-497-4 |
| 246 | Perfluamine <sup>§</sup>                                                                        | 338-83-0     | 206-420-2 |
| 247 | Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives <sup>§</sup> | 192268-65-8  | 421-820-9 |

### 34. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN JUNE 2025 BY ECHA

| No. | Substance Name                                                                                                                                                                                                                                                                                                   | CAS NO.    | EC NO.    |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|
| 248 | 1,1,1,3,5,5,5- heptamethyl-3-[(trimethylsilyl) oxy]trisiloxane (M3T) <sup>§</sup>                                                                                                                                                                                                                                | 17928-28-8 | 241-867-7 |
| 249 | Decamethyltetrasiloxane (L4) <sup>§</sup>                                                                                                                                                                                                                                                                        | 141-62-8   | 205-491-7 |
| 250 | Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-{2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl]amino}-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl]diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51) <sup>§</sup> | -          | 466-490-7 |

### 35. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN NOVEMBER 2025 BY ECHA

| No. | Substance Name                                                    | CAS NO.    | EC NO.    |
|-----|-------------------------------------------------------------------|------------|-----------|
| 251 | 1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE) <sup>§</sup> | 84852-53-9 | 284-366-9 |

### 36. REACH SVHCS ON THE CANDIDATE LIST, PUBLISHED IN FEBRUARY 2026 BY ECHA

| No. | Substance Name                                                                                 | CAS NO.  | EC NO.    |
|-----|------------------------------------------------------------------------------------------------|----------|-----------|
| 252 | 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (BPAF) and its salts <sup>§</sup> | -        | -         |
| 253 | n-hexane <sup>§</sup>                                                                          | 110-54-3 | 203-777-6 |

Note:

- “\*” 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.
- “§” denotes not applicable for metallic/ceramic/glass materials.
- 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

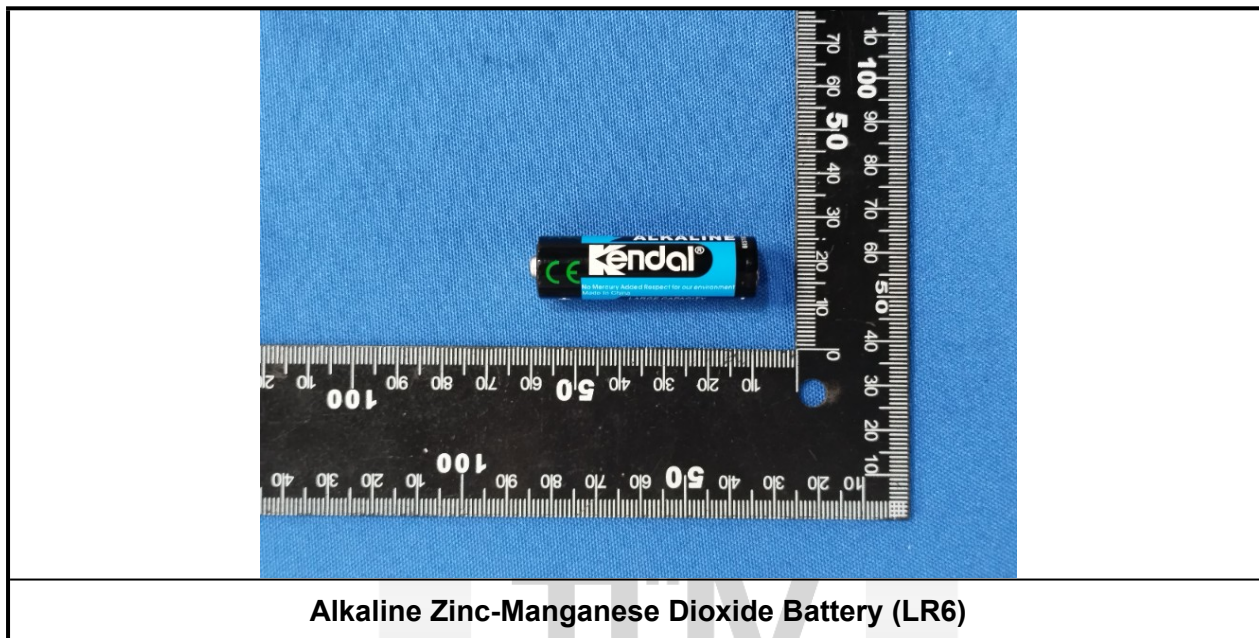
From 28 October 2008, EU&EEA suppliers of a substance have to provide a safety data sheet to their customers when the substance is on the Candidate List.

#### —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.

### APPENDIX III

Photos of submitted products



-----End of Report-----