

Susegana (TV), 26/01/2021

**Visottica Industrie Spa Informative Report according to the provisions of European Regulation (EC) No. 1907/2006 (REACH)**

Dear Customer,

since June 1<sup>st</sup> 2007 the **REACH European Regulation (EC) No. 1907/2006** concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals produced or commercialized within the European Community became effective. The aim of this Regulation is to allow the responsible use of chemicals and to this end REACH provides for the registration at the European Community both for new chemicals and for those already existing on the market.

Visottica Industrie Spa, as "manufacturer of articles" (and therefore "downstream user", as defined by Art. 3 clause 13 of REACH Regulation) has no obligation of pre-registration or registration, because the conditions requiring these fulfillments according to Art. 7 of the Regulation (Registration and notification of substances in articles) are not present.

Moreover, Visottica Industrie Spa, with the aim of making the REACH enforcement easier in the private sector establishing some communication standards in the supply chain and in voluntary compliance with Art. 32 and 33 of the same, has arranged for its Customers this Informative Report and the related Technical Datasheets (containing the information extracted from the Safety Data Sheets arranged by suppliers of metal alloys) identifying the chemical composition of alloys used for glasses components.

Visottica Industrie Spa specifies that according to REACH Regulation (EC) No. 1907/2006 and up to the date of revision of this document, the spectacles components produced and/or commercialized included in the catalogue "Comfort for the vision 2019" and "Components for frames 2019":

<https://www.visotticacomotec.com/download/catalogue-products/>

- do not contain chemicals present in the attached "**Candidate List**" of the Substances of Very High Concern (SVHC), above the threshold limit of 0.1%.
- do not contain chemicals that are subjected to authorisation listed in the **Annex XIV** (List of Substances subject to Authorisation);
- can contain chemicals that are subjected to restrictions present in the **Annex XVII** (Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles), and in particular:

- **Nickel (CAS No. 7440-02-0)**, which can be present (6÷65% w/w) in the metal alloys constituting its articles and by those could be released in case of direct and prolonged contact with skin, with standards higher than the restrictions reported at point No. 27 of Annex XVII.

To this end Visottica Industrie Spa reaffirms that the correct use of its components, intended for a professional user for the production of spectacle frames, requires not to put them in direct and prolonged contact with skin if they haven't been covered with appropriate Nickel-free coating guaranteeing a release not exceeding the limits imposed by Annex XVII of REACH Regulation.

Considering the dynamic nature of the Candidate List of SVHC substances, as well as of Annexes XIV and XVII of REACH Regulation No. 1907/2006, Visottica Industrie Spa will keep on monitoring them periodically and informing the downstream users should there be any necessity to use such substances.

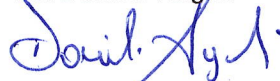
This Informative Report complies with Standards and Regulations in force on the date in which it has been issued. An updated copy of this Informative Report and of the mentioned Technical Datasheets are downloadable from the website [visotticacomotec.com](http://visotticacomotec.com).

Best regards,

**VISOTTICA INDUSTRIE Spa**

Managing Director

Mr. Daniele Angeli



**VISOTTICA INDUSTRIE S.p.A.**

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Attached: Candidate List of SVHC Substances

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Cap. Soc. € 3.452.540 i.v.  
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## Candidate List of Substances of Very High Concern

|    | Substance identification                                                                                                                                                                                                    |                                                                            | Date of inclusion    | Reason for inclusion                                                                                                            |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------|
|    | Substance name                                                                                                                                                                                                              | EC (CAS No.)                                                               |                      |                                                                                                                                 |
| 1  | Anthracene                                                                                                                                                                                                                  | 204-371-1                                                                  | 28.10.08             | PBT (art. 57d)                                                                                                                  |
| 2  | 4,4'-Diaminodiphenylmethane (MDA)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                             | 202-974-4                                                                  | 28.10.08             | Carcinogenic (art. 57a)                                                                                                         |
| 3  | Dibutyl phthalate (DBP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                       | 201-557-4                                                                  | 28.10.08             | Toxic for reproduction (art. 57c)                                                                                               |
| 4  | Cobalt dichloride                                                                                                                                                                                                           | 231-589-4                                                                  | 28.10.08<br>20.06.11 | Carcinogenic and toxic for reproduction (art. 57a and c)                                                                        |
| 5  | Diarsenic pentaoxide<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                          | 215-116-9                                                                  | 28.10.08             | Carcinogenic (art. 57a)                                                                                                         |
| 6  | Diarsenic trioxide<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                            | 215-481-4                                                                  | 28.10.08             | Carcinogenic (art. 57a)                                                                                                         |
| 7  | Sodium dichromate<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                             | 234-190-3<br>(7789-12-0 and 10588-01-9)                                    | 28.10.08             | Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c)                                                      |
| 8  | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                            | 201-329-4                                                                  | 28.10.08             | vPvB (art. 57e)                                                                                                                 |
| 9  | Bis (2-ethylhexyl)phthalate (DEHP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                            | 204-211-0                                                                  | 28.10.08<br>17.12.14 | Toxic for reproduction (art. 57c);<br>Equivalent level of concern having probable serious effects to the environment (art. 57f) |
| 10 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:<br>α-hexabromocyclododecane<br>β-hexabromocyclododecane<br>γ-hexabromocyclododecane<br>(added to Annex XIV – Substances subject to Authorization) | 247-148-4 and 221-695-9<br>(134237-50-6)<br>(134237-51-7)<br>(134237-52-8) | 28.10.08             | PBT (art. 57d)                                                                                                                  |
| 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)                                                                                                                                                                 | 287-476-5                                                                  | 28.10.08             | PBT and vPvB (art. 57d - e)                                                                                                     |
| 12 | Bis(tributyltin)oxide (TBTO)                                                                                                                                                                                                | 200-268-0                                                                  | 28.10.08             | PBT (art. 57d)                                                                                                                  |
| 13 | Lead hydrogen arsenate                                                                                                                                                                                                      | 232-064-2                                                                  | 28.10.08             | Carcinogenic and toxic for reproduction (art. 57a and c)                                                                        |
| 14 | Benzyl butyl phthalate (BBP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                  | 201-622-7                                                                  | 28.10.08             | Toxic for reproduction (art. 57c)                                                                                               |
| 15 | Triethyl arsenate                                                                                                                                                                                                           | 427-700-2                                                                  | 28.10.08             | Carcinogenic (art. 57a)                                                                                                         |
| 16 | 2,4-Dinitrotoluene<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                            | 204-450-0                                                                  | 13.01.10             | Carcinogenic (art. 57a)                                                                                                         |
| 17 | Anthracene oil<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                | 292-602-7                                                                  | 13.01.10             | Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57d, 57e)                                                                      |
| 18 | Anthracene oil, anthracene paste, anthracene fraction                                                                                                                                                                       | 295-275-9                                                                  | 13.01.10             | Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57d, 57e)                                                                      |
| 19 | Anthracene oil, anthracene-low                                                                                                                                                                                              | 292-604-8                                                                  | 13.01.10             | Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57b, 57d, 57e)                                                                 |
| 20 | Anthracene oil, anthracene paste                                                                                                                                                                                            | 292-603-2                                                                  | 13.01.10             | Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57b, 57d, 57e)                                                                 |
| 21 | Anthracene oil, anthracene paste, distn. lights                                                                                                                                                                             | 295-278-5                                                                  | 13.01.10             | Carcinogenic, mutagenic, PBT and vPvB (art. 57a, 57b, 57d, 57e)                                                                 |
| 22 | Diisobutyl phthalate (DIBP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                   | 201-553-2                                                                  | 13.01.10             | Toxic for reproduction (art. 57c)                                                                                               |

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| 23 | Lead chromate<br>(added to Annex XIV – Substances subject to Authorization)                                                                   | 231-846-0                   | 13.01.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 24 | Lead chromate molybdate sulphate red<br>(C.I. Pigment Red 104)<br>(added to Annex XIV – Substances subject to Authorization)                  | 235-759-9                   | 13.01.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 25 | Lead sulfochromate yellow<br>(C.I. Pigment Yellow 34)<br>(added to Annex XIV – Substances subject to Authorization)                           | 215-693-7                   | 13.01.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 26 | Tris(2-chloroethyl)phosphate<br>(added to Annex XIV – Substances subject to Authorization)                                                    | 204-118-5                   | 13.01.10 | Toxic for reproduction (art. 57c)                                          |
| 27 | Coal tar pitch, high temperature<br>(added to Annex XIV – Substances subject to Authorization)                                                | 266-028-2                   | 13.01.10 | Carcinogenic, PBT and vPvB (art. 57a, 57d and 57e)                         |
| 28 | Acrylamide                                                                                                                                    | 201-173-7                   | 30.03.10 | Carcinogenic and mutagenic (art. 57a and 57b)                              |
| 29 | Boric acid                                                                                                                                    | 233-139-2<br>234-343-4      | 18.06.10 | Toxic for reproduction (art. 57c)                                          |
| 30 | Ammonium dichromate<br>(added to Annex XIV – Substances subject to Authorization)                                                             | 232-143-1                   | 18.06.10 | Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c) |
| 31 | Disodium tetraborate, anhydrous                                                                                                               | 215-540-4                   | 18.06.10 | Toxic for reproduction (art. 57c)                                          |
| 32 | Potassium chromate<br>(added to Annex XIV – Substances subject to Authorization)                                                              | 232-140-5                   | 18.06.10 | Carcinogenic and mutagenic (art. 57a and 57b)                              |
| 33 | Potassium dichromate<br>(added to Annex XIV – Substances subject to Authorization)                                                            | 231-906-6                   | 18.06.10 | Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c) |
| 34 | Sodium chromate<br>(added to Annex XIV – Substances subject to Authorization)                                                                 | 231-889-5                   | 18.06.10 | Carcinogenic, mutagenic and toxic for reproduction (art. 57a, 57b and 57c) |
| 35 | Tetraboron disodium heptaoxide, hydrate                                                                                                       | 235-541-3                   | 18.06.10 | Toxic for reproduction (art. 57c)                                          |
| 36 | Trichloroethylene<br>(added to Annex XIV – Substances subject to Authorization)                                                               | 201-167-4                   | 18.06.10 | Carcinogenic (art. 57a)                                                    |
| 37 | 2-Ethoxyethanol                                                                                                                               | 203-804-1                   | 15.12.10 | Toxic for reproduction (art. 57c)                                          |
| 38 | 2-Methoxyethanol                                                                                                                              | 203-713-7                   | 15.12.10 | Toxic for reproduction (art. 57c)                                          |
| 39 | Chromic acid<br>Dichromic acid<br>Oligomers of chromic and dichromic acid<br>(added to Annex XIV – Substances subject to Authorization)       | 231-801-5<br>236-881-5<br>- | 15.12.10 | Carcinogenic (art. 57a)                                                    |
| 40 | Chromium trioxide<br>(added to Annex XIV – Substances subject to Authorization)                                                               | 215-607-8                   | 15.12.10 | Carcinogenic and mutagenic (art. 57a and 57b)                              |
| 41 | Cobalt(II) carbonate                                                                                                                          | 208-169-4                   | 15.12.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 42 | Cobalt(II) diacetate                                                                                                                          | 200-755-8                   | 15.12.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 43 | Cobalt(II) dinitrate                                                                                                                          | 233-402-1                   | 15.12.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 44 | Cobalt(II) sulphate                                                                                                                           | 233-334-2                   | 15.12.10 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 45 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)<br>(added to Annex XIV – Substances subject to Authorization)     | 276-158-1                   | 20.06.11 | Toxic for reproduction (art. 57c)                                          |
| 46 | 1,2,3-Trichloropropane                                                                                                                        | 202-486-1                   | 20.06.11 | Carcinogenic and toxic for reproduction (art. 57a and c)                   |
| 47 | 1-Methyl-2-pyrrolidone                                                                                                                        | 212-828-1                   | 20.06.11 | Toxic for reproduction (art. 57c)                                          |
| 48 | Hydrazine                                                                                                                                     | 206-114-9                   | 20.06.11 | Carcinogenic (art. 57a)                                                    |
| 49 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)<br>(added to Annex XIV – Substances subject to Authorization) | 271-084-6                   | 20.06.11 | Toxic for reproduction (art. 57c)                                          |
| 50 | Strontium chromate<br>(added to Annex XIV – Substances subject to Authorization)                                                              | 232-142-6                   | 20.06.11 | Carcinogenic (art. 57a)                                                    |
| 51 | 2-Ethoxyethyl acetate                                                                                                                         | 203-839-2                   | 20.06.11 | Toxic for reproduction (art. 57c)                                          |

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| 52 | <b>Zirconia Aluminosilicate Refractory Ceramic Fibres</b><br><i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions:</i><br>a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges<br>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)<br>c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight | -         | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 53 | Calcium arsenate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 231-904-5 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 54 | Bis(2-methoxyethyl) ether<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 203-924-4 | 19.12.11 | Toxic for reproduction (art. 57c)                                                         |
| 55 | Potassium hydroxyoctaoxodizincatedichromate<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 234-329-8 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 56 | Lead dipicrate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 229-335-2 | 19.12.11 | Toxic for reproduction (art. 57c)                                                         |
| 57 | N,N-dimethylacetamide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 204-826-4 | 19.12.11 | Toxic for reproduction (art. 57c)                                                         |
| 58 | <b>Aluminosilicate Refractory Ceramic Fibres</b><br><i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions:</i><br>a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges<br>b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)<br>c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight                     | -         | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 59 | Arsenic acid<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 231-901-9 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 60 | 2-Methoxyaniline; o-Anisidine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 201-963-1 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 61 | Trilead diarsenate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 222-979-5 | 19.12.11 | Carcinogenic and toxic for reproduction (art. 57a and c)                                  |
| 62 | 1,2-dichloroethane (EDC)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 203-458-1 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 63 | Pentazinc chromate octahydroxide<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 256-418-0 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 64 | Formaldehyde, oligomeric reaction products with aniline<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 500-036-1 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 65 | Bis(2-methoxyethyl) phthalate (DMEP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 204-212-6 | 19.12.11 | Toxic for reproduction (art. 57c)                                                         |
| 66 | 4-(1,1,3,3-tetramethylbutyl)phenol<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 205-426-2 | 19.12.11 | Equivalent level of concern having probable serious effects to the environment (art. 57f) |
| 67 | Lead diazide, Lead azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 236-542-1 | 19.12.11 | Toxic for reproduction (art. 57c)                                                         |
| 68 | Phenolphthalein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 201-004-7 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 69 | Dichromium tris(chromate)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 246-356-2 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 70 | Lead styphnate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 239-290-0 | 19.12.11 | Toxic for reproduction (art. 57c)                                                         |
| 71 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 202-918-9 | 19.12.11 | Carcinogenic (art. 57a)                                                                   |
| 72 | [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride<br>(C.I. Basic Violet 3)<br><i>[with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 208-953-6 | 18.06.12 | Carcinogenic (art. 57a)                                                                   |
| 73 | α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol<br>(C.I. Solvent Blue 4)<br><i>[with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 229-851-8 | 18.06.12 | Carcinogenic (art. 57a)                                                                   |
| 74 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline<br>(Michler's base)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 202-959-2 | 18.06.12 | Carcinogenic (art. 57a)                                                                   |
| 75 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 423-400-0 | 18.06.12 | Mutagenic (art. 57b)                                                                      |

|     |                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |          |                                                                                           |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------|-------------------------------------------------------------------------------------------|
| 76  | Diboron trioxide                                                                                                                                                                                                                                                                                                                                                                    | 215-125-8                                           | 18.06.12 | Toxic for reproduction (art. 57c)                                                         |
| 77  | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)                                                                                                                                                                                                                                                                                                                                   | 203-977-3                                           | 18.06.12 | Toxic for reproduction (art. 57c)                                                         |
| 78  | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol<br><i>[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]</i>                                                                                                                                                                                                                         | 209-218-2                                           | 18.06.12 | Carcinogenic (art. 57a)                                                                   |
| 79  | Lead(II) bis(methanesulfonate)                                                                                                                                                                                                                                                                                                                                                      | 401-750-5                                           | 18.06.12 | Toxic for reproduction (art. 57c)                                                         |
| 80  | Formamide                                                                                                                                                                                                                                                                                                                                                                           | 200-842-0                                           | 18.06.12 | Toxic for reproduction (art. 57c)                                                         |
| 81  | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride<br>(C.I. Basic Blue 26)<br><i>[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]</i>                                                                                                                                    | 219-943-6                                           | 18.06.12 | Carcinogenic (art. 57a)                                                                   |
| 82  | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)                                                                                                                                                                                                                                                                                                                         | 203-794-9                                           | 18.06.12 | Toxic for reproduction (art. 57c)                                                         |
| 83  | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)                                                                                                                                                                                                                                                                                                                  | 219-514-3                                           | 18.06.12 | Mutagenic (art. 57b)                                                                      |
| 84  | 4,4'-bis(dimethylamino)benzophenone<br>(Michler's ketone)                                                                                                                                                                                                                                                                                                                           | 202-027-5                                           | 18.06.12 | Carcinogenic (art. 57a)                                                                   |
| 85  | Pyrochlore, antimony lead yellow                                                                                                                                                                                                                                                                                                                                                    | 232-382-1                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 86  | 6-methoxy-m-toluidine (p-cresidine)                                                                                                                                                                                                                                                                                                                                                 | 204-419-1                                           | 19.12.12 | Carcinogenic (art. 57a)                                                                   |
| 87  | Henicosafuoroundecanoic acid                                                                                                                                                                                                                                                                                                                                                        | 218-165-4                                           | 19.12.12 | vPvB (art. 57e)                                                                           |
| 88  | Hexahydromethylphthalic anhydride [1],<br>Hexahydro-4-methylphthalic anhydride [2],<br>Hexahydro-1-methylphthalic anhydride [3],<br>Hexahydro-3-methylphthalic anhydride [4]<br><i>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]</i>                 | 247-094-1,<br>243-072-0,<br>256-356-4,<br>260-566-1 | 19.12.12 | Equivalent level of concern having probable serious effects to the environment (art. 57f) |
| 89  | Cyclohexane-1,2-dicarboxylic anhydride [1],<br>cis-cyclohexane-1,2-dicarboxylic anhydride [2],<br>trans-cyclohexane-1,2-dicarboxylic anhydride [3]<br><i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]</i>                                                                   | 201-604-9,<br>236-086-3,<br>238-009-9               | 19.12.12 | Equivalent level of concern having probable serious effects to the environment (art. 57f) |
| 90  | Dibutyltin dichloride (DBTC)                                                                                                                                                                                                                                                                                                                                                        | 211-670-0                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 91  | Lead bis(tetrafluoroborate)                                                                                                                                                                                                                                                                                                                                                         | 237-486-0                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 92  | Lead dinitrate                                                                                                                                                                                                                                                                                                                                                                      | 233-245-9                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 93  | Silicic acid, lead salt                                                                                                                                                                                                                                                                                                                                                             | 234-363-3                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 94  | 4-Aminoazobenzene                                                                                                                                                                                                                                                                                                                                                                   | 200-453-6                                           | 19.12.12 | Carcinogenic (art. 57a)                                                                   |
| 95  | Lead titanium zirconium oxide                                                                                                                                                                                                                                                                                                                                                       | 235-727-4                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 96  | Lead monoxide (lead oxide)                                                                                                                                                                                                                                                                                                                                                          | 215-267-0                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 97  | o-Toluidine                                                                                                                                                                                                                                                                                                                                                                         | 202-429-0                                           | 19.12.12 | Carcinogenic (art. 57a)                                                                   |
| 98  | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                                                                                                                                                                                                                                                                                                  | 421-150-7                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 99  | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped<br><i>[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]</i> | 272-271-5                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 100 | Trilead bis(carbonate)dihydroxide                                                                                                                                                                                                                                                                                                                                                   | 215-290-6                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 101 | Furan                                                                                                                                                                                                                                                                                                                                                                               | 203-727-3                                           | 19.12.12 | Carcinogenic (art. 57a)                                                                   |
| 102 | N,N-dimethylformamide                                                                                                                                                                                                                                                                                                                                                               | 200-679-5                                           | 19.12.12 | Toxic for reproduction (art. 57c)                                                         |
| 103 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated<br><i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>                                                                                                                                                                                                                                           | -                                                   | 19.12.12 | Equivalent level of concern having probable serious effects to the environment (art. 57f) |

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| 104 | 4-Nonylphenol, branched and linear<br><i>(substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof)</i> | -         | 19.12.12 | Equivalent level of concern having probable serious effects to the environment (art. 57f)                       |
| 105 | 4,4'-methylenedi-o-toluidine                                                                                                                                                                                                                                                                 | 212-658-8 | 19.12.12 | Carcinogenic (art. 57a)                                                                                         |
| 106 | Diethyl sulphate                                                                                                                                                                                                                                                                             | 200-589-6 | 19.12.12 | Carcinogenic (art. 57a); Mutagenic (art. 57b)                                                                   |
| 107 | Dimethyl sulphate                                                                                                                                                                                                                                                                            | 201-058-1 | 19.12.12 | Carcinogenic (art. 57a)                                                                                         |
| 108 | Lead oxide sulfate                                                                                                                                                                                                                                                                           | 234-853-7 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 109 | Lead titanium trioxide                                                                                                                                                                                                                                                                       | 235-038-9 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 110 | Acetic acid, lead salt, basic                                                                                                                                                                                                                                                                | 257-175-3 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 111 | [Phthalato(2-)]dioxotrilead                                                                                                                                                                                                                                                                  | 273-688-5 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 112 | Bis(pentabromophenyl) ether<br>(decabromodiphenyl ether; DecaBDE)                                                                                                                                                                                                                            | 214-604-9 | 19.12.12 | PBT and vPvB (art. 57d - e)                                                                                     |
| 113 | N-methylacetamide                                                                                                                                                                                                                                                                            | 201-182-6 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 114 | Dinoseb (6-sec-butyl-2,4-dinitrophenol)                                                                                                                                                                                                                                                      | 201-861-7 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 115 | 1,2-Diethoxyethane                                                                                                                                                                                                                                                                           | 211-076-1 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 116 | Tetralead trioxide sulphate                                                                                                                                                                                                                                                                  | 235-380-9 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 117 | N-pentyl-isopentylphthalate<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                    | -         | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 118 | Dioxobis(stearato)trilead                                                                                                                                                                                                                                                                    | 235-702-8 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 119 | Tetraethyllead                                                                                                                                                                                                                                                                               | 201-075-4 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 120 | Pentalead tetraoxide sulphate                                                                                                                                                                                                                                                                | 235-067-7 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 121 | Pentacosafuorotridecanoic acid                                                                                                                                                                                                                                                               | 276-745-2 | 19.12.12 | vPvB (art. 57e)                                                                                                 |
| 122 | Tricosafuorododecanoic acid                                                                                                                                                                                                                                                                  | 206-203-2 | 19.12.12 | vPvB (art. 57e)                                                                                                 |
| 123 | Heptacosafuorotetradecanoic acid                                                                                                                                                                                                                                                             | 206-803-4 | 19.12.12 | vPvB (art. 57e)                                                                                                 |
| 124 | 1-bromopropane (n-propyl bromide)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                              | 203-445-0 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 125 | Methoxyacetic acid                                                                                                                                                                                                                                                                           | 210-894-6 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 126 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)                                                                                                                                                                                                                                            | 202-453-1 | 19.12.12 | Carcinogenic (art. 57a)                                                                                         |
| 127 | Methyloxirane (Propylene oxide)                                                                                                                                                                                                                                                              | 200-879-2 | 19.12.12 | Carcinogenic (art. 57a); Mutagenic (art. 57b)                                                                   |
| 128 | Trilead dioxide phosphonate                                                                                                                                                                                                                                                                  | 235-252-2 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 129 | o-aminoazotoluene                                                                                                                                                                                                                                                                            | 202-591-2 | 19.12.12 | Carcinogenic (art. 57a)                                                                                         |
| 130 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                               | 284-032-2 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 131 | 4,4'-oxydianiline and its salts                                                                                                                                                                                                                                                              | 202-977-0 | 19.12.12 | Carcinogenic (art. 57a); Mutagenic (art. 57b)                                                                   |
| 132 | Orange lead (lead tetroxide)                                                                                                                                                                                                                                                                 | 215-235-6 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 133 | Biphenyl-4-ylamine                                                                                                                                                                                                                                                                           | 202-177-1 | 19.12.12 | Carcinogenic (art. 57a)                                                                                         |
| 134 | Diisopentylphthalate (DiPP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                    | 210-088-4 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 135 | Fatty acids, C16-18, lead salts                                                                                                                                                                                                                                                              | 292-966-7 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 136 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))                                                                                                                                                                                                                                            | 204-650-8 | 19.12.12 | Equivalent level of concern having probable serious effects to the environment (art. 57f)                       |
| 137 | Sulfurous acid, lead salt, dibasic                                                                                                                                                                                                                                                           | 263-467-1 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 138 | Lead cyanamidate                                                                                                                                                                                                                                                                             | 244-073-9 | 19.12.12 | Toxic for reproduction (art. 57c)                                                                               |
| 139 | Cadmium                                                                                                                                                                                                                                                                                      | 231-152-8 | 20.06.13 | Carcinogenic (art. 57a); Equivalent level of concern having probable serious effects to human health (art. 57f) |

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| 140 | Ammonium pentadecafluorooctanoate (APFO)                                                                                                                                                                                                                                                                                                                                                                    | 223-320-4               | 20.06.13 | Toxic for reproduction (art. 57c); PBT (art. 57d)                                                                                                                        |
| 141 | Pentadecafluorooctanoic acid (PFOA)                                                                                                                                                                                                                                                                                                                                                                         | 206-397-9               | 20.06.13 | Toxic for reproduction (art. 57c); PBT (art. 57d)                                                                                                                        |
| 142 | Dipentyl phthalate (DPP)<br>(added to Annex XIV – Substances subject to Authorization)                                                                                                                                                                                                                                                                                                                      | 205-017-9               | 20.06.13 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 143 | 4-Nonylphenol, branched and linear, ethoxylated<br><i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]</i><br>(added to Annex XIV – Substances subject to Authorization) | -                       | 20.06.13 | Equivalent level of concern having probable serious effects to the environment (art. 57f)                                                                                |
| 144 | Cadmium oxide                                                                                                                                                                                                                                                                                                                                                                                               | 215-146-2               | 20.06.13 | Carcinogenic (art. 57a); Equivalent level of concern having probable serious effects to human health (art. 57f)                                                          |
| 145 | Cadmium sulphide                                                                                                                                                                                                                                                                                                                                                                                            | 215-147-8               | 16.12.13 | Carcinogenic (art. 57a); Equivalent level of concern having probable serious effects to human health (art. 57f)                                                          |
| 146 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate<br>(C.I. Direct Black 38)                                                                                                                                                                                                                                                     | 217-710-3               | 16.12.13 | Carcinogenic (art. 57a)                                                                                                                                                  |
| 147 | Dihexyl phthalate (DnHP)                                                                                                                                                                                                                                                                                                                                                                                    | 201-559-5               | 16.12.13 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 148 | Imidazolidine-2-thione; (2-imidazoline-2-thiol)                                                                                                                                                                                                                                                                                                                                                             | 202-506-9               | 16.12.13 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 149 | Trixylyl phosphate                                                                                                                                                                                                                                                                                                                                                                                          | 246-677-8               | 16.12.13 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 150 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)<br>(C.I. Direct Red 28)                                                                                                                                                                                                                                                                                               | 209-358-4               | 16.12.13 | Carcinogenic (art. 57a)                                                                                                                                                  |
| 151 | Lead di(acetate)                                                                                                                                                                                                                                                                                                                                                                                            | 206-104-4               | 16.12.13 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                                                                                                                                                                                                                                                                                            | 271-093-5               | 16.06.14 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 153 | Sodium perborate;<br>perboric acid, sodium salt                                                                                                                                                                                                                                                                                                                                                             | 239-172-9;<br>234-390-0 | 16.06.14 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 154 | Sodium peroxometaborate                                                                                                                                                                                                                                                                                                                                                                                     | 231-556-4               | 16.06.14 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 155 | Cadmium chloride                                                                                                                                                                                                                                                                                                                                                                                            | 233-296-7               | 16.06.14 | Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to human health (art. 57f) |
| 156 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                                                                                                                                                                                                                                                                                        | 223-346-6               | 17.12.14 | PBT and vPvB (art. 57d - e)                                                                                                                                              |
| 157 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)                                                                                                                                                                                                                                                                                                                      | 239-622-4               | 17.12.14 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 158 | 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<br>(reaction mass of DOTE and MOTE)                                                                                                                                             | -                       | 17.12.14 | Toxic for reproduction (art. 57c)                                                                                                                                        |
| 159 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                                                                                                                                                                                                                                                                                                    | 247-384-8               | 17.12.14 | PBT (art. 57d)                                                                                                                                                           |
| 160 | Cadmium fluoride                                                                                                                                                                                                                                                                                                                                                                                            | 232-222-0               | 17.12.14 | Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to human health (art. 57f) |
| 161 | Cadmium sulphate                                                                                                                                                                                                                                                                                                                                                                                            | 233-331-6               | 17.12.14 | Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); Equivalent level of concern having probable serious effects to human health (art. 57f) |
| 162 | 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]<br><i>[covering any of the individual stereoisomers of [1] and [2] or any combination thereof]</i>                                                                                                                                                         | -                       | 15.06.15 | vPvB (art. 57e)                                                                                                                                                          |
| 163 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters;<br>1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥0.3% of dihexyl phthalate (EC No. 201-559-5)                                                                                                                                                                                                                           | 271-094-0<br>272-013-1  | 15.06.15 | Toxic for reproduction (art. 57c)                                                                                                                                        |

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| 164 | 1,3-propanesultone                                                                                                                                                                                                                                                                                          | 214-317-9                   | 17.12.15 | Carcinogenic (art. 57a)                                                                                                                  |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)                                                                                                                                                                                                                                              | 223-383-8                   | 17.12.15 | vPvB (art. 57e)                                                                                                                          |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)                                                                                                                                                                                                                                        | 253-037-1                   | 17.12.15 | vPvB (art. 57e)                                                                                                                          |
| 167 | Nitrobenzene                                                                                                                                                                                                                                                                                                | 202-716-0                   | 17.12.15 | Toxic for reproduction (art. 57c)                                                                                                        |
| 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts<br>Ammonium salts of perfluorononan-1-oic-acid<br>Perfluorononan-1-oic-acid<br>Sodium salts of perfluorononan-1-oic-acid                                                                                                                        | -                           | 17.12.15 | Toxic for reproduction (art. 57c); PBT (art. 57d)                                                                                        |
| 169 | Benzo[def]chrysene                                                                                                                                                                                                                                                                                          | 200-028-5                   | 20.06.16 | Carcinogenic (art. 57a); Mutagenic (art. 57b); Toxic for reproduction (art. 57c); PBT (art. 57d); vPvB (art. 57e)                        |
| 170 | 4,4'-isopropylidenediphenol (Bisphenol-A)                                                                                                                                                                                                                                                                   | 201-245-8                   | 12.01.17 | Toxic for reproduction (art. 57c)                                                                                                        |
| 171 | 4-Heptylphenol, branched and linear<br><i>[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]</i> | -                           | 12.01.17 | Equivalent level of concern having probable serious effects to the environment (art. 57f)                                                |
| 172 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts:<br>Nonadecafluorodecanoic acid<br>Ammonium nonadecafluorodecanoate<br>Decanoic acid, nonadecafluoro-, sodium salt                                                                                                                     | 206-400-3<br>221-470-5<br>- | 12.01.17 | Toxic for reproduction (art. 57c); PBT (art. 57d)                                                                                        |
| 173 | p-(1,1-dimethylpropyl)phenol                                                                                                                                                                                                                                                                                | 201-280-9                   | 12.01.17 | Equivalent level of concern having probable serious effects to the environment (art. 57f)                                                |
| 174 | Perfluorohexane-1-sulphonic acid and its salts (PFHxS)                                                                                                                                                                                                                                                      | -                           | 07.07.17 | vPvB (art. 57e)                                                                                                                          |
| 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"™)<br><i>covering any of its individual anti- and syn-isomers or any combination thereof</i>                                                                                            | -                           | 15.01.18 | vPvB (Article 57e)                                                                                                                       |
| 176 | Benz[a]anthracene                                                                                                                                                                                                                                                                                           | 200-280-6                   | 15.01.18 | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                                                                          |
| 177 | Cadmium carbonate                                                                                                                                                                                                                                                                                           | 208-168-9                   | 15.01.18 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) |
| 178 | Cadmium hydroxide                                                                                                                                                                                                                                                                                           | 244-168-5                   | 15.01.18 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) |
| 179 | Cadmium nitrate                                                                                                                                                                                                                                                                                             | 233-710-6                   | 15.01.18 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) |
| 180 | Chrysene                                                                                                                                                                                                                                                                                                    | 205-923-4                   | 15.01.18 | Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)                                                                          |
| 181 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)<br><i>with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPb)</i>                                                                                                                  | -                           | 15.01.18 | Endocrine disrupting properties (Article 57(f) - environment)                                                                            |
| 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride<br><i>trimellitic anhydride; TMA</i>                                                                                                                                                                                                                         | 209-008-0                   | 27.06.18 | Respiratory sensitising properties (Article 57(f) - human health)                                                                        |
| 183 | Benzo[ghi]perylene                                                                                                                                                                                                                                                                                          | 205-883-8                   | 27.06.18 | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                  |
| 184 | Decamethylcyclopentasiloxane (D5)                                                                                                                                                                                                                                                                           | 208-764-9                   | 27.06.18 | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                  |
| 185 | Dicyclohexyl phthalate (DCHP)                                                                                                                                                                                                                                                                               | 201-545-9                   | 27.06.18 | Toxic for reproduction (Article 57c)<br>Endocrine disrupting properties (Article 57(f) -                                                 |

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| 186 | Disodium octaborate                                                                                                                                                                                          | 234-541-0 | 27.06.18 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 187 | Dodecamethylcyclotetrasiloxane (D6)                                                                                                                                                                          | 208-762-8 | 27.06.18 | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                                                                                                    |
| 188 | Ethylenediamine (EDA)                                                                                                                                                                                        | 203-468-6 | 27.06.18 | Respiratory sensitising properties (Article 57(f) - human health)                                                                                                                                                          |
| 189 | Lead                                                                                                                                                                                                         | 231-100-4 | 27.06.18 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 190 | Octamethylcyclotetrasiloxane (D4)                                                                                                                                                                            | 209-136-7 | 27.06.18 | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                                                                                                    |
| 191 | Terphenyl, hydrogenated                                                                                                                                                                                      | 262-967-7 | 27.06.18 | vPvB (Article 57e)                                                                                                                                                                                                         |
| 193 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one<br><i>3-benzylidene camphor; 3-BC</i>                                                                                                          | 239-139-9 | 15.01.19 | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                                                                              |
|     | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                                                                                                                    | 401-720-1 | 15.01.19 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 194 | Benzo[k]fluoranthene                                                                                                                                                                                         | 205-916-6 | 15.01.19 | Carcinogenic (Article 57a)<br>PBT (Article 57d)                                                                                                                                                                            |
| 195 | Fluoranthene                                                                                                                                                                                                 | 205-912-4 | 15.01.19 | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                                                                                                    |
| 196 | Phenanthrene                                                                                                                                                                                                 | 201-581-5 | 15.01.19 | vPvB (Article 57e)                                                                                                                                                                                                         |
| 197 | Pyrene                                                                                                                                                                                                       | 204-927-3 | 15.01.19 | PBT (Article 57d)<br>vPvB (Article 57e)                                                                                                                                                                                    |
| 198 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides<br><i>covering any of their individual isomers and combinations thereof</i>                                         | -         | 16.07.19 | Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)<br>Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) |
| 199 | 2-methoxyethyl acetate                                                                                                                                                                                       | 203-772-9 | 16.07.19 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 200 | 4-tert-butylphenol                                                                                                                                                                                           | 202-679-0 | 16.07.19 | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                                                                              |
| 201 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)                                                                                       | -         | 16.07.19 | Endocrine disrupting properties (Article 57(f) - environment)                                                                                                                                                              |
| 202 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone                                                                                                                                                          | 404-360-3 | 16.01.20 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 203 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                                                                                                                     | 400-600-6 | 16.01.20 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 204 | Diisohexyl phthalate                                                                                                                                                                                         | 276-090-2 | 16.01.20 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                                                                           | -         | 16.01.20 | Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)<br>Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) |
| 206 | 1-vinylimidazole                                                                                                                                                                                             | 214-012-0 | 25.06.20 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 207 | 2-methylimidazole                                                                                                                                                                                            | 211-765-7 | 25.06.20 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 208 | Butyl 4-hydroxybenzoate                                                                                                                                                                                      | 202-318-7 | 25.06.20 | Endocrine disrupting properties (Article 57(f) - human health)                                                                                                                                                             |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin                                                                                                                                                                      | 245-152-0 | 25.06.20 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 210 | Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                                                                                                           | 205-594-7 | 19.01.21 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |
| 211 | Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety | -         | 19.01.21 | Toxic for reproduction (Article 57c)                                                                                                                                                                                       |