



June 14, 2023

**SUBJECT: Declaration of European Union RoHS Compliance**

Pacer Technology declares that the product(s) indicated below is/are in full compliance with EU Directive (RoHS Directive), 2011/65/EU (RoHS 2 Directive), and 2015/863/EU (RoHS 3 Directive) with respect to the following substances:

- 1) Lead (Pb)
- 2) Mercury (Hg)
- 3) Cadmium (Cd)
- 4) Hexavalent chromium (Cr VI)
- 5) Polybrominated biphenyls (PBB)
- 6) Polybrominated diphenyl ethers (PBDE)
- 7) Bis(2-ethylhexyl) phthalate (DEHP)
- 8) Benzyl butyl phthalate (BBP)
- 9) Dibutyl phthalate (DBP)
- 10) Diisobutyl phthalate (DIBP)

Pacer Technology also declares that its product(s) indicated below is/are in full compliance with EU Directive 2003/11/EC, with respect to the following substances:

- 1) pentabromodiphenyl ether (pentaBDE) and
- 2) octabromo-diphenyl ether (octaBDE).

**Pacer Technology Product Item Numbers/ID:**

11740050\_FG04240

Please feel free to contact your sales representative or customer service with any questions.

Best regards,

Pacer Technology  
Regulatory Affairs Department  
Phone: (909) 987-0550  
Fax: (909) 605-6111



June 14, 2023

**SUBJECT: Declaration of REACH and Substances of Very High Concern (SVHC)**

Regarding REACH and SVHC, Pacer Technology does not intentionally introduce any of the substances listed on the Candidate List of Substances of Very High Concern 233 (attached below) to its products.

Pacer Technology does not perform lab testing verification as none of the substances on the candidate list are "intentionally introduced" into product formulas.

**Pacer Technology Product Item Numbers/ID:**

11740050\_FG04240

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Best regards,

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Phone: (909) 987-0550  
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### Candidate List of SVHC (233) for authorization

Note: Group entries are split in different rows.

| Substance name                                                                                                                                                | EC No.    | CAS No.     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|
| Bis(4-chlorophenyl) sulphone                                                                                                                                  | 201-247-9 | 80-07-9     |
| Diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide                                                                                                              | 278-355-8 | 75980- 60-8 |
| reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine | 473-390-7 | -           |
| Perfluoroheptanoic acid and its salts                                                                                                                         | -         | -           |
| Ammonium perfluoroheptanoate                                                                                                                                  | 228-098-2 | 6130-43-4   |
| potassium perfluoroheptanoate                                                                                                                                 | -         | 21049-36-5  |
| Perfluoroheptanoic acid                                                                                                                                       | 206-798-9 | 375-85-9    |
| Sodium perfluoroheptanoate                                                                                                                                    | 243-518-4 | 20109-59-5  |
| Melamine                                                                                                                                                      | 203-615-4 | 108-78-1    |
| Isobutyl 4-hydroxybenzoate                                                                                                                                    | 224-208-8 | 4247-02-3   |
| bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof                                                      | -         | -           |
| Bis(2-ethylhexyl) tetrabromophthalate                                                                                                                         | 247-426-5 | 26040-51-7  |
| Barium diboron tetraoxide                                                                                                                                     | 237-222-4 | 13701-59-2  |
| 4,4'-sulphonyldiphenol                                                                                                                                        | 201-250-5 | 80-09-1     |
| 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                                                                                              | 201-236-9 | 79-94-7     |
| 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]                                                                                                        | 253-692-3 | 37853-59-1  |
| N-(hydroxymethyl)acrylamide                                                                                                                                   | 213-103-2 | 924-42-5    |
| tris(2-methoxyethoxy)vinylsilane                                                                                                                              | 213-934-0 | 1067-53-4   |
| S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate           | 401-850-9 | 255881-94-8 |
| 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol                                                                                                                  | 204-327-1 | 119-47-1    |
| (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)        | -         | -           |
| (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one                                                                                   | 253-242-6 | 36861-47-9  |

|                                                                                                                                                                                     |           |              |
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| (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                                              | -         | 1782069-81-1 |
| (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                                        | -         | 95342-41-9   |
| (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                                        | -         | 852541-30-1  |
| (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                                        | -         | 852541-21-0  |
| (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                                           | -         | 741687-98-9  |
| (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one                                                                                                        | -         | 852541-25-4  |
| Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) | -         | -            |
| Phenol, dodecyl-, branched                                                                                                                                                          | 310-154-3 | 121158-58-5  |
| Phenol, (tetrapropenyl) derivatives                                                                                                                                                 | -         | 74499-35-7   |
| Phenol, tetrapropylene-                                                                                                                                                             | -         | 57427-55-1   |
| Phenol, 4-dodecyl, branched                                                                                                                                                         | -         | 210555-94-5  |
| 4-isododecylphenol                                                                                                                                                                  | -         | 27459-10-5   |
| Phenol, 4-isododecyl-                                                                                                                                                               | -         | 27147-75-7   |
| orthoboric acid, sodium salt                                                                                                                                                        | -         | -            |
| Boric acid, sodium salt                                                                                                                                                             | 215-604-1 | 1333-73-9    |
| Orthoboric acid, sodium salt                                                                                                                                                        | 237-560-2 | 13840-56-7   |
| boric acid (H3BO3), sodium salt, hydrate                                                                                                                                            | -         | 25747-83-5   |
| boric acid (H3BO3), sodium salt (1:1)                                                                                                                                               | -         | 14890-53-0   |
| Boric acid (H3BO3), disodium salt                                                                                                                                                   | -         | 22454-04-2   |
| Trisodium orthoborate                                                                                                                                                               | 238-253-6 | 14312-40-4   |
| Medium-chain chlorinated paraffins (MCCP)                                                                                                                                           | -         | -            |
| Alkanes, C14-16, chloro                                                                                                                                                             | -         | 1372804-76-6 |
| Alkanes, C14-17, chloro                                                                                                                                                             | 287-477-0 | 85535-85-9   |
| di-, tri- and tetrachlorotetradecane                                                                                                                                                | -         | -            |
| Tetradecane, chloro derivs.                                                                                                                                                         | -         | 198840-65-2  |
| glutaral                                                                                                                                                                            | 203-856-5 | 111-30-8     |
| 4,4'-(1-methylpropylidene)bisphenol                                                                                                                                                 | 201-025-1 | 77-40-7      |

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| 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers                                                                                                                                     | -         | -           |
| 2-(4-tert-butylbenzyl)propionaldehyde                                                                                                                                                                      | 201-289-8 | 80-54-6     |
| (2S)-3-(4-tert-butylphenyl)-2-methylpropanal                                                                                                                                                               | -         | 75166-30-2  |
| (2R)-3-(4-tert-butylphenyl)-2-methylpropanal                                                                                                                                                               | -         | 75166-31-3  |
| 2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)                                | -         | -           |
| 2,2-bis(bromomethyl)propane-1,3-diol (BMP)                                                                                                                                                                 | 221-967-7 | 3296-90-0   |
| 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)                                                                                                                                                       | 253-057-0 | 36483-57-5  |
| 2,3-dibromo-1-propanol (2,3-DBPA)                                                                                                                                                                          | 202-480-9 | 96-13-9     |
| 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)                                                                                                                                                            | -         | 1522-92-5   |
| 1,4-dioxane                                                                                                                                                                                                | 204-661-8 | 123-91-1    |
| Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety | -         | -           |
| dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.                                                                                                                                        | -         | -           |
| Stannane, dioctyl-, bis(coco acyloxy) derivs.                                                                                                                                                              | 293-901-5 | 91648-39-4  |
| Dioctyltin dilaurate                                                                                                                                                                                       | 222-883-3 | 3648-18-8   |
| Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                                                                                                         | 205-594-7 | 143-24-8    |
| Dibutylbis(pentane-2,4-dionato-O,O')tin                                                                                                                                                                    | 245-152-0 | 22673-19-4  |
| Butyl 4-hydroxybenzoate                                                                                                                                                                                    | 202-318-7 | 94-26-8     |
| 2-methylimidazole                                                                                                                                                                                          | 211-765-7 | 693-98-1    |
| 1-vinylimidazole                                                                                                                                                                                           | 214-012-0 | 1072-63-5   |
| Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                                                                         | -         | -           |
| Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate                                                                                                                                                  | 249-616-3 | 29420-49-3  |
| Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate                                                                                                                                                   | 269-513-7 | 68259-10-9  |
| 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid                                                                                                                                                        | 206-793-1 | 375-73-5    |
| magnesium perfluorobutanesulfonate                                                                                                                                                                         | -         | 507453-86-3 |
| lithium perfluorobutanesulfonate                                                                                                                                                                           | -         | 131651-65-5 |
| N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate                                                                                                                                  | -         | 25628-08-4  |



|                                                                                                                                     |           |             |
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| bis(4-t-butylphenyl)iodonium<br>perfluorobutanesulfonate                                                                            | 432-660-4 | 194999-85-4 |
| tetrabutyl-phosphonium nonafluoro-butane-<br>1-sulfonate                                                                            | 444-440-5 | 220689-12-3 |
| dimethyl(phenyl)sulfanium<br>perfluorobutanesulfonate                                                                               | 452-310-4 | 220133-51-7 |
| 1-(4-butoxy-1-<br>naphthalenyl)tetrahydrothiophenium<br>1,1,2,2,3,3,4,4,4-nonafluoro-1-<br>butanesulfonate                          | 468-770-4 | -           |
| Triphenylsulfanium perfluorobutane<br>sulfonate                                                                                     | 478-340-8 | 144317-44-2 |
| morpholinium perfluorobutanesulfonate                                                                                               | -         | 503155-89-3 |
| Diisohexyl phthalate                                                                                                                | 276-090-2 | 71850-09-4  |
| 2-methyl-1-(4-methylthiophenyl)-2-<br>morpholinopropan-1-one                                                                        | 400-600-6 | 71868-10-5  |
| 2-benzyl-2-dimethylamino-4'-<br>morpholinobutyrophenone                                                                             | 404-360-3 | 119313-12-1 |
| Tris(4-nonylphenyl, branched and linear)<br>phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-<br>nonylphenol, branched and linear (4-NP) | -         | -           |
| Phenol, 4-nonyl-, phosphite (3:1)                                                                                                   | -         | 3050-88-2   |
| tris(nonylphenyl) phosphite                                                                                                         | 247-759-6 | 26523-78-4  |
| tris(4-nonylphenyl, branched) phosphite                                                                                             | -         | -           |
| Phenol, p-isononyl-, phosphite (3:1)                                                                                                | -         | 31631-13-7  |
| Phenol, p-sec-nonyl-, phosphite                                                                                                     | -         | 106599-06-8 |
| 4-tert-butylphenol                                                                                                                  | 202-679-0 | 98-54-4     |
| 2-methoxyethyl acetate                                                                                                              | 203-772-9 | 110-49-6    |
| 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)propionic acid, its salts<br>and its acyl halides                                     | -         | -           |
| potassium 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)propionate                                                                  | 266-578-3 | 67118-55-2  |
| 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)propionyl fluoride                                                                    | 218-173-8 | 2062-98-8   |
| ammonium 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)propanoate                                                                   | -         | 62037-80-3  |
| 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)propionic acid                                                                        | 236-236-8 | 13252-13-6  |
| Propanoic acid, 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)-, (+)-                                                               | -         | 75579-39-4  |
| Propanoic acid, 2,3,3,3-tetrafluoro-2-<br>(heptafluoropropoxy)-, (-)-                                                               | -         | 75579-40-7  |

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| Pyrene                                                                                                                                                                                                       | 204-927-3 | 129-00-0     |
| Phenanthrene                                                                                                                                                                                                 | 201-581-5 | 85-01-8      |
| Fluoranthene                                                                                                                                                                                                 | 205-912-4 | 206-44-0     |
| Benzo[k]fluoranthene                                                                                                                                                                                         | 205-916-6 | 207-08-9     |
| 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                                                                                                                    | 401-720-1 | 6807-17-6    |
| 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one                                                                                                                                                | 239-139-9 | 15087-24-8   |
| Terphenyl, hydrogenated                                                                                                                                                                                      | 262-967-7 | 61788-32-7   |
| Octamethylcyclotetrasiloxane                                                                                                                                                                                 | 209-136-7 | 556-67-2     |
| Lead                                                                                                                                                                                                         | 231-100-4 | 7439-92-1    |
| Ethylenediamine                                                                                                                                                                                              | 203-468-6 | 107-15-3     |
| Dodecamethylcyclohexasiloxane                                                                                                                                                                                | 208-762-8 | 540-97-6     |
| Disodium octaborate                                                                                                                                                                                          | 234-541-0 | 12008-41-2   |
| Dicyclohexyl phthalate                                                                                                                                                                                       | 201-545-9 | 84-61-7      |
| Decamethylcyclopentasiloxane                                                                                                                                                                                 | 208-764-9 | 541-02-6     |
| Benzo[ghi]perylene                                                                                                                                                                                           | 205-883-8 | 191-24-2     |
| Benzene-1,2,4-tricarboxylic acid 1,2 anhydride                                                                                                                                                               | 209-008-0 | 552-30-7     |
| Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)                                                                                        | -         | -            |
| Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine                                                                                                        | 300-298-5 | 93925-00-9   |
| Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.                                                                                                              | -         | 1471311-26-8 |
| Chrysene                                                                                                                                                                                                     | 205-923-4 | 218-01-9     |
| Cadmium nitrate                                                                                                                                                                                              | 233-710-6 | 10325-94-7   |
| Cadmium hydroxide                                                                                                                                                                                            | 244-168-5 | 21041-95-2   |
| Cadmium carbonate                                                                                                                                                                                            | 208-168-9 | 513-78-0     |
| Benz[a]anthracene                                                                                                                                                                                            | 200-280-6 | 56-55-3      |
| 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.0 5,10]octadeca-7,15-diene ("Dechlorane Plus™")                                                                                      | -         | -            |
| (1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> , <sup>9</sup> .0 <sup>2</sup> , <sup>13</sup> .0 <sup>5</sup> , <sup>1</sup> 9]octadeca-7,15-diene | -         | 135821-03-3  |

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| 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                                                                                                                        | 236-948-9 | 13560-89-9   |
| (1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> , <sup>9</sup> .0 <sup>2</sup> , <sup>13</sup> .0 <sup>5</sup> , <sup>1</sup> <sup>0</sup> ]octadeca-7,15-diene | -         | 135821-74-8  |
| rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene                                                    | -         | -            |
| rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene                                                    | -         | -            |
| Perfluorohexane-1-sulphonic acid and its salts                                                                                                                                                                           | -         | -            |
| perfluorohexane-1-sulphonic acid                                                                                                                                                                                         | 206-587-1 | 355-46-4     |
| ammonium perfluorohexane-1-sulphonate                                                                                                                                                                                    | 269-511-6 | 68259-08-5   |
| tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)                                                                                                                                               | 274-462-9 | 70225-16-0   |
| potassium perfluorohexane-1-sulphonate                                                                                                                                                                                   | 223-393-2 | 3871-99-6    |
| Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                             | -         | 1310480-24-0 |
| Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                          | -         | 1310480-27-3 |
| Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                         | -         | 1310480-28-4 |
| Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)                                                                                                                | -         | 1329995-45-0 |

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| Gamma-Cyclodextrin, compd. with<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonic acid ion(1-)(1:1)                                                                                              | - | 1329995-69-8 |
| Sulfonium, triphenyl-,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonate (1:1)                                                                                                                  | - | 144116-10-9  |
| Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-<br>(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-<br>hexahydrocyclopent[b]indol-7-yl]ethenyl]-,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonate (1:1) | - | 1462414-59-0 |
| Iodonium, diphenyl-,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonate (1:1)                                                                                                                    | - | 153443-35-7  |
| Methanaminium, N,N,N-trimethyl-, salt with<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonic acid (1:1)                                                                                          | - | 189274-31-5  |
| 1-Hexanesulfonic acid,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-,<br>compd.with 2-methyl-2-propanamine (1:1)                                                                                                 | - | 202189-84-2  |
| Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonate (1:1)                                                                                            | - | 213740-81-9  |
| Sulfonium, bis(4-methylphenyl)phenyl-,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonate (1:1)                                                                                                  | - | 341548-85-4  |
| 1-Hexanesulfonic acid,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-,<br>scandium(3+) salt (3:1)                                                                                                                 | - | 350836-93-0  |
| 1-Hexanesulfonic acid,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-,<br>neodymium(3+) salt (3:1)                                                                                                                | - | 41184-65-0   |
| 1-Hexanesulfonic acid,<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-,<br>yttrium(3+) salt (3:1)                                                                                                                  | - | 41242-12-0   |
| Sulfonium, (thiodi-4,1-<br>phenylene)bis[diphenyl]-, salt with<br>1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-<br>hexanesulfonic acid (1:2)                                                                      | - | 421555-73-9  |
| Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-<br>, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-<br>tridecafluoro-1-hexanesulfonic                                                                                       | - | 421555-74-0  |

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| Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                                    | - | 425670-70-8  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)                                                                                                                                                                                                                                                                               | - | 55120-77-9   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt                                                                                                                                                                                                                                                                                        | - | 70136-72-0   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)                                                                                                                                                                                                                                                          | - | 72033-41-1   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt                                                                                                                                                                                                                                                                                      | - | 82382-12-5   |
| Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)                                                                                                                                                                                                                                    | - | 866621-50-3  |
| Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                                             | - | 910606-39-2  |
| Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                                                                                | - | 911027-68-4  |
| Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate | - | 911027-69-5  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)                                                                                                                                                                                                                                                                                | - | 92011-17-1   |
| Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclo pentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)                                                                                                                                                                             | - | 928049-42-7  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)                                                                                                                                                                                                                                                                    | - | 1187817-57-7 |

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| N,N,N-triethylethanaminium<br>tridecafluorohexane-1-sulfonate                                               | -         | 108427-55-0  |
| N,N,N-tributylbutan-1-aminium<br>tridecafluorohexane-1-sulfonate                                            | -         | 108427-54-9  |
| Phosphonium, triphenyl(phenylmethyl)-,<br>1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-1-<br>hexanesulfonate (1:1) | -         | 1000597-52-3 |
| 1-Hexanesulfonic acid,<br>1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-,<br>gallium salt (9CI)                     | -         | 341035-71-0  |
| p-(1,1-dimethylpropyl)phenol                                                                                | 201-280-9 | 80-46-6      |
| Nonadecafluorodecanoic acid (PFDA) and its<br>sodium and ammonium salts                                     | -         | -            |
| Nonadecafluorodecanoic acid                                                                                 | 206-400-3 | 335-76-2     |
| sodium nonadecafluorodecanoate                                                                              | -         | 3830-45-3    |
| Ammonium nonadecafluorodecanoate                                                                            | 221-470-5 | 3108-42-7    |
| 4-heptylphenol, branched and linear                                                                         | -         | -            |
| 4-heptylphenol                                                                                              | 217-862-0 | 1987-50-4    |
| Phenol, heptyl derivs.                                                                                      | 276-743-1 | 72624-02-3   |
| 4-(3-ethylpentan-3-yl)phenol                                                                                | -         | 37872-24-5   |
| 4-(2-methylhexan-2-yl)phenol                                                                                | -         | 30784-31-7   |
| 4-(3,3-dimethylpentan-2-yl)phenol                                                                           | -         | 911371-06-7  |
| 4-(3-methylhexan-2-yl)phenol                                                                                | -         | 854904-93-1  |
| 4-(4,4-dimethylpentan-2-yl)phenol                                                                           | -         | 911371-07-8  |
| 4-(4-methylhexan-2-yl)phenol                                                                                | -         | 71945-81-8   |
| 4-(5-methylhexan-2-yl)phenol                                                                                | -         | 857629-71-1  |
| 4-(2,2-dimethylpentan-3-yl)phenol                                                                           | -         | 861010-65-3  |
| Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-                                                                     | -         | 30784-27-1   |
| 4-(heptan-3-yl)phenol                                                                                       | -         | 6465-74-3    |
| 4-(heptan-2-yl)phenol                                                                                       | -         | 6863-24-7    |
| 4-(heptan-4-yl)phenol                                                                                       | -         | 6465-71-0    |
| 4-(3-ethylpentyl)phenol                                                                                     | -         | 911370-98-4  |
| 4-(3-methylhexyl)phenol                                                                                     | -         | 102570-52-5  |
| 4-(4-methylhexyl)phenol                                                                                     | -         | 1139800-98-8 |
| 4-(5-methylhexyl)phenol                                                                                     | -         | 100532-36-3  |
| 4-(2,4-dimethylpentan-3-yl)phenol                                                                           | -         | 1824346-00-0 |
| Phenol, 4-tert-heptyl-                                                                                      | -         | 288864-02-8  |
| 4-(2,3-dimethylpentan-2-yl)phenol                                                                           | -         | 861011-60-1  |
| 4-(3-methylhexan-3-yl)phenol                                                                                | -         | 30784-32-8   |
| 4-(2,4-dimethylpentan-2-yl)phenol                                                                           | -         | 33104-11-9   |
| 4-(2,3,3-trimethylbutan-2-yl)phenol                                                                         | -         | 72861-06-4   |

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| 4-(5-methylhexan-3-yl)phenol                                                                                                                                                                                                                                                                                                                                                                                                                                         | -         | 854904-92-0 |
| 4,4'-isopropylidenediphenol                                                                                                                                                                                                                                                                                                                                                                                                                                          | 201-245-8 | 80-05-7     |
| Benzo[def]chrysene (Benzo[a]pyrene)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 200-028-5 | 50-32-8     |
| Perfluorononan-1-oic-acid and its sodium and ammonium salts                                                                                                                                                                                                                                                                                                                                                                                                          | -         | -           |
| Perfluorononan-1-oic-acid                                                                                                                                                                                                                                                                                                                                                                                                                                            | 206-801-3 | 375-95-1    |
| Sodium salts of perfluorononan-1-oic-acid                                                                                                                                                                                                                                                                                                                                                                                                                            | -         | 21049-39-8  |
| Ammonium salts of perfluorononan-1-oic-acid                                                                                                                                                                                                                                                                                                                                                                                                                          | -         | 4149-60-4   |
| Nitrobenzene                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 202-716-0 | 98-95-3     |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)                                                                                                                                                                                                                                                                                                                                                                                                 | 253-037-1 | 36437-37-3  |
| 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)                                                                                                                                                                                                                                                                                                                                                                                                       | 223-383-8 | 3864-99-1   |
| 1,3-propanesultone                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 214-317-9 | 1120-71-4   |
| 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]                                                                                                                                                                                                                                                                                                                     | -         | -           |
| Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                                                                                                                                                                                                                                                         | 413-720-9 | -           |
| 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                                                                                                                                                                                                                         | -         | 676367-06-9 |
| Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane | -         | -           |
| 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                                                                                                                                                                                                                                                                                                                                                  | -         | -           |
| 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane                                                                                                                                                                                                                                                                                                                                                                                                  | -         | -           |
| 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-                                                                                                                                                                                                                                                                                                                                                                                         | -         | 186309-28-4 |

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| 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                   | -         | 676367-05-8            |
| 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-                                                                                                                                                               | -         | 343934-04-3            |
| 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                 | -         | 676367-09-2            |
| 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-                                                                                                                                                             | -         | 343934-05-4            |
| 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                   | -         | 676367-04-7            |
| 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                 | -         | 676367-08-1            |
| 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                   | -         | 676367-03-6            |
| 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-                                                                                                                                                                 | -         | 676367-07-0            |
| 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-                                                                                                                                                                   | -         | 676367-02-5            |
| 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-                                                                                                                                                                                 | -         | 117933-89-8            |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters                                                                                                                                                              | -         | -                      |
| 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters                                                                                                                                                                                       | 272-013-1 | 68648-93-1             |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters                                                                                                                                                                                                          | 271-094-0 | 68515-51-5             |
| Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) | -         | -                      |
| Cadmium sulphate                                                                                                                                                                                                                                             | 233-331-6 | 10124-36-4, 31119-53-6 |
| Cadmium fluoride                                                                                                                                                                                                                                             | 232-222-0 | 7790-79-6              |

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| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)                                                                 | 239-622-4 | 15571-58-1  |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                                   | 223-346-6 | 3846-71-7   |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                                               | 247-384-8 | 25973-55-1  |
| Sodium peroxometaborate                                                                                                                                | 231-556-4 | 7632-04-4   |
| Sodium perborate, perboric acid, sodium salt                                                                                                           | -         | -           |
| Perboric acid, sodium salt, tetrahydrate ( )                                                                                                           | -         | 37244-98-7  |
| Perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate                                                                                        | -         | 10486-00-7  |
| Sodium perborate monohydrate                                                                                                                           | -         | 10332-33-9  |
| Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)                                                                            | -         | 125022-34-6 |
| Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)                                                                                       | -         | 90568-23-3  |
| Perboric acid, sodium salt                                                                                                                             | 234-390-0 | 11138-47-9  |
| Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate                                                          | -         | 13517-20-9  |
| Sodium perborate                                                                                                                                       | 239-172-9 | 15120-21-5  |
| Cadmium chloride                                                                                                                                       | 233-296-7 | 10108-64-2  |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                                       | 271-093-5 | 68515-50-4  |
| Trixylyl phosphate                                                                                                                                     | 246-677-8 | 25155-23-1  |
| Lead di(acetate)                                                                                                                                       | 206-104-4 | 301-04-2    |
| Imidazolidine-2-thione (2-imidazoline-2-thiol)                                                                                                         | 202-506-9 | 96-45-7     |
| Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] - 5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) | 217-710-3 | 1937-37-7   |
| Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)                                             | 209-358-4 | 573-58-0    |
| Dihexyl phthalate                                                                                                                                      | 201-559-5 | 84-75-3     |
| Cadmium sulphide                                                                                                                                       | 215-147-8 | 1306-23-6   |
| Pentadecafluorooctanoic acid (PFOA)                                                                                                                    | 206-397-9 | 335-67-1    |
| Dipentyl phthalate (DPP)                                                                                                                               | 205-017-9 | 131-18-0    |
| Cadmium oxide                                                                                                                                          | 215-146-2 | 1306-19-0   |
| Cadmium                                                                                                                                                | 231-152-8 | 7440-43-9   |
| Ammonium pentadecafluorooctanoate (APFO)                                                                                                               | 223-320-4 | 3825-26-1   |
|                                                                                                                                                        | -         | -           |



4-Nonylphenol, branched and linear,  
ethoxylated

|                                                                                    |           |             |
|------------------------------------------------------------------------------------|-----------|-------------|
| 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol                     | -         | 14409-72-4  |
| 2-[2-(4-nonylphenoxy)ethoxy]ethanol                                                | 243-816-4 | 20427-84-3  |
| 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol                               | 230-770-5 | 7311-27-5   |
| Nonylphenol, branched, ethoxylated                                                 | 500-209-1 | 68412-54-4  |
| 4-Nonylphenol, ethoxylated                                                         | 500-045-0 | 26027-38-3  |
| 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol                              | 248-743-1 | 27942-27-4  |
| Poly (oxy-1,2-ethanediyl), alpha - (nonylphenyl)-omega-hydroxy-, branched          | -         | 68412-54-4  |
| Nonylphenol, ethoxylated (15-EO)                                                   | -         | 9016-45-9   |
| Nonylphenol, ethoxylated (10-EO)                                                   | -         | 9016-45-9   |
| Nonylphenol, ethoxylated (8-EO)                                                    | -         | 9016-45-9   |
| Nonylphenol, ethoxylated (6,5-EO)                                                  | -         | 9016-45-9   |
| Poly(oxy-1,2-ethanediyl), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy-, branched    | -         | 68412-54-4  |
| Nonylphenol, ethoxylated                                                           | 500-024-6 | 9016-45-9   |
| 2-(isononylphenoxy)ethanol                                                         | 284-987-5 | 85005-55-6  |
| 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched                   | 293-926-1 | 91648-64-5  |
| 4-Nonylphenol, branched, ethoxylated                                               | 500-315-8 | 127087-87-0 |
| 17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol                            | -         | 34166-38-6  |
| Isononylphenol, ethoxylated                                                        | -         | 37205-87-1  |
| 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol                       | 247-816-5 | 26571-11-9  |
| 2-[2-(nonylphenoxy)ethoxy]ethanol                                                  | 248-291-5 | 27176-93-8  |
| 20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol                                | 248-292-0 | 27177-03-3  |
| 23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaotricosan-1-ol                            | 248-293-6 | 27177-05-5  |
| 29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaononacosanol                         | 248-294-1 | 27177-08-8  |
| 2-(nonylphenoxy)ethanol                                                            | 248-762-5 | 27986-36-3  |
| 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol                       | 255-695-5 | 42173-90-0  |
| 44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaotatetracontanol | 260-678-0 | 57321-10-5  |

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| 14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol                             | 247-555-7 | 26264-02-8   |
| 2-(4-nonylphenoxy)ethanol                                                      | 881-745-6 | 104-35-8     |
| 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-                         | -         | 20636-48-0   |
| 4-t-Nonylphenol-diethoxylate                                                   | -         | 156609-10-8  |
| Nonylphenol, ethoxylated (EO = 10)                                             | -         | -            |
| Nonylphenol, ethoxylated (EO = 4)                                              | -         | -            |
| Nonylphenol, ethoxylated (polymer)                                             | -         | -            |
| 2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol                        | -         | 1119449-38-5 |
| 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol                                  | -         | 1119449-37-4 |
| Nonylphenolpolyglycoether                                                      | -         | -            |
| 4-Nonylphenol, branched, ethoxylated                                           | -         | 127087-87-0  |
| Poly(oxy-1,2-ethanediyl), $\alpha$ -(nonylphenyl)- $\omega$ -hydroxy-          | -         | 9016-45-9    |
| 3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-           | -         | 65455-72-3   |
| 20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol                         | 265-785-6 | 65455-69-8   |
| 3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-                        | -         | 27177-01-1   |
| Trilead dioxide phosphonate                                                    | 235-252-2 | 12141-20-7   |
| Trilead bis(carbonate) dihydroxide                                             | 215-290-6 | 1319-46-6    |
| Tricosafuorododecanoic acid                                                    | 206-203-2 | 307-55-1     |
| Tetralead trioxide sulphate                                                    | 235-380-9 | 12202-17-4   |
| Tetraethyllead                                                                 | 201-075-4 | 78-00-2      |
| Sulfurous acid, lead salt, dibasic                                             | 263-467-1 | 62229-08-7   |
| Silicic acid, lead salt                                                        | 234-363-3 | 11120-22-2   |
| Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped | 272-271-5 | 68784-75-8   |
| Pyrochlore, antimony lead yellow                                               | 232-382-1 | 8012-00-8    |
| Pentalead tetraoxide sulphate                                                  | 235-067-7 | 12065-90-6   |
| Pentacosafuorotridecanoic acid                                                 | 276-745-2 | 72629-94-8   |
| Orange lead (lead tetroxide)                                                   | 215-235-6 | 1314-41-6    |
| o-toluidine                                                                    | 202-429-0 | 95-53-4      |
| o-aminoazotoluene                                                              | 202-591-2 | 97-56-3      |
| n-pentyl-isopentyl phthalate                                                   | -         | 776297-69-9  |
| N-methylacetamide                                                              | 201-182-6 | 79-16-3      |
| N,N-dimethylformamide                                                          | 200-679-5 | 68-12-2      |
| Methyloxirane (Propylene oxide)                                                | 200-879-2 | 75-56-9      |

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| Methoxyacetic acid                                                 | 210-894-6 | 625-45-6    |
| Lead titanium zirconium oxide                                      | 235-727-4 | 12626-81-2  |
| Lead titanium trioxide                                             | 235-038-9 | 12060-00-3  |
| Lead oxide sulfate                                                 | 234-853-7 | 12036-76-9  |
| Lead monoxide (lead oxide)                                         | 215-267-0 | 1317-36-8   |
| Lead dinitrate                                                     | 233-245-9 | 10099-74-8  |
| Lead cyanamidate                                                   | 244-073-9 | 20837-86-9  |
| Lead bis(tetrafluoroborate)                                        | 237-486-0 | 13814-96-5  |
| Hexahydromethylphthalic anhydride                                  | -         | -           |
| Hexahydro-1-methylphthalic anhydride                               | 256-356-4 | 48122-14-1  |
| Hexahydromethylphthalic anhydride                                  | 247-094-1 | 25550-51-0  |
| Hexahydro-3-methylphthalic anhydride                               | 260-566-1 | 57110-29-9  |
| Hexahydro-4-methylphthalic anhydride                               | 243-072-0 | 19438-60-9  |
| Heptacosafuorotetradecanoic acid                                   | 206-803-4 | 376-06-7    |
| Henicosafuoroundecanoic acid                                       | 218-165-4 | 2058-94-8   |
| Furan                                                              | 203-727-3 | 110-00-9    |
| Fatty acids, C16-18, lead salts                                    | 292-966-7 | 91031-62-8  |
| Dioxobis(stearato)trilead                                          | 235-702-8 | 12578-12-0  |
| Dinoseb (6-sec-butyl-2,4-dinitrophenol)                            | 201-861-7 | 88-85-7     |
| Dimethyl sulphate                                                  | 201-058-1 | 77-78-1     |
| Diisopentyl phthalate                                              | 210-088-4 | 605-50-5    |
| Diethyl sulphate                                                   | 200-589-6 | 64-67-5     |
| Dibutyltin dichloride (DBTC)                                       | 211-670-0 | 683-18-1    |
| Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)           | 204-650-8 | 123-77-3    |
| Cyclohexane-1,2-dicarboxylic anhydride                             | -         | -           |
| cis-cyclohexane-1,2-dicarboxylic anhydride                         | 236-086-3 | 13149-00-3  |
| Cyclohexane-1,2-dicarboxylic anhydride                             | 201-604-9 | 85-42-7     |
| trans-cyclohexane-1,2-dicarboxylic anhydride                       | 238-009-9 | 14166-21-3  |
| Bis(pentabromophenyl) ether<br>(decabromodiphenyl ether) (DecaBDE) | 214-604-9 | 1163-19-5   |
| Biphenyl-4-ylamine                                                 | 202-177-1 | 92-67-1     |
| Acetic acid, lead salt, basic                                      | 257-175-3 | 51404-69-4  |
| [Phthalato(2-)]dioxotrilead                                        | 273-688-5 | 69011-06-9  |
| 6-methoxy-m-toluidine (p-cresidine)                                | 204-419-1 | 120-71-8    |
| 4-Nonylphenol, branched and linear                                 | -         | -           |
| 4-(1-Ethyl-1,4-dimethylpentyl)phenol                               | -         | 142731-63-3 |
| 4-(1-Ethyl-1,3-dimethylpentyl)phenol                               | -         | 186825-36-5 |
| p-(1-methyloctyl)phenol                                            | 241-427-4 | 17404-66-9  |
| p-(1,1-dimethylheptyl)phenol                                       | 250-339-5 | 30784-30-6  |
| p-nonylphenol                                                      | 203-199-4 | 104-40-5    |



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| 4-(1-ethyl-1-methylhexyl)phenol                                                                          | 257-907-1 | 52427-13-1  |
| Phenol, 4-nonyl-, branched                                                                               | 284-325-5 | 84852-15-3  |
| p-isononylphenol                                                                                         | 247-770-6 | 26543-97-5  |
| 4-(1,1,5-Trimethylhexyl)phenol                                                                           | -         | 521947-27-3 |
| 4-(3-ethylheptan-2-yl)phenol                                                                             | -         | 186825-39-8 |
| Isononylphenol                                                                                           | 234-284-4 | 11066-49-2  |
| Phenol, nonyl-, branched                                                                                 | 291-844-0 | 90481-04-2  |
| Nonylphenol                                                                                              | 246-672-0 | 25154-52-3  |
| 4-methyl-m-phenylenediamine (toluene-2,4-diamine)                                                        | 202-453-1 | 95-80-7     |
| 4-aminoazobenzene                                                                                        | 200-453-6 | 60-09-3     |
| 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated                                                          | -         | -           |
| 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol                               | 219-682-8 | 2497-59-8   |
| Poly(oxy-1,2-ethanediyl), $\alpha$ -[(1,1,3,3-tetramethylbutyl)phenyl]- $\omega$ -hydroxy-               | -         | 9036-19-5   |
| 2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol                                                           | -         | 2315-67-5   |
| 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol                                                 | -         | 2315-61-9   |
| Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether                                             | -         | 9002-93-1   |
| 4,4'-oxydianiline and its salts                                                                          | -         | -           |
| 4,4'-oxydianiline                                                                                        | 202-977-0 | 101-80-4    |
| 4,4'-methylenedi-o-toluidine                                                                             | 212-658-8 | 838-88-0    |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                       | 421-150-7 | 143860-04-2 |
| 1-bromopropane (n-propyl bromide)                                                                        | 203-445-0 | 106-94-5    |
| 1,2-diethoxyethane                                                                                       | 211-076-1 | 629-14-1    |
| 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear                                        | 284-032-2 | 84777-06-0  |
| $\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) | 229-851-8 | 6786-83-0   |
| N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)                                           | 202-959-2 | 101-61-1    |
| Lead(II) bis(methanesulfonate)                                                                           | 401-750-5 | 17570-76-2  |
| Formamide                                                                                                | 200-842-0 | 75-12-7     |
| Diboron trioxide                                                                                         | 215-125-8 | 1303-86-2   |



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| [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) | 219-943-6 | 2580-56-5   |
| [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)                   | 208-953-6 | 548-62-9    |
| 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)                                                                                    | 202-027-5 | 90-94-8     |
| 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol                                                                                   | 209-218-2 | 561-41-1    |
| 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)                                           | 423-400-0 | 59653-74-6  |
| 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)                                                                        | 219-514-3 | 2451-62-9   |
| 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)                                                                                         | 203-977-3 | 112-49-2    |
| 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)                                                                              | 203-794-9 | 110-71-4    |
| Zirconia Aluminosilicate Refractory Ceramic Fibres                                                                                        | -         | -           |
| Refractories, fibers, aluminosilicate                                                                                                     | -         | 142844-00-6 |
| Trilead diarsenate                                                                                                                        | 222-979-5 | 3687-31-8   |
| Potassium hydroxyoctaoxodizincatedichromate                                                                                               | 234-329-8 | 11103-86-9  |
| Phenolphthalein                                                                                                                           | 201-004-7 | 77-09-8     |
| Pentazinc chromate octahydroxide                                                                                                          | 256-418-0 | 49663-84-5  |
| N,N-dimethylacetamide                                                                                                                     | 204-826-4 | 127-19-5    |
| Lead styphnate                                                                                                                            | 239-290-0 | 15245-44-0  |
| Lead dipicrate                                                                                                                            | 229-335-2 | 6477-64-1   |
| Lead diazide, Lead azide                                                                                                                  | 236-542-1 | 13424-46-9  |
| Formaldehyde, oligomeric reaction products with aniline                                                                                   | 500-036-1 | 25214-70-4  |
| Dichromium tris(chromate)                                                                                                                 | 246-356-2 | 24613-89-6  |
| Calcium arsenate                                                                                                                          | 231-904-5 | 7778-44-1   |
| Bis(2-methoxyethyl) phthalate                                                                                                             | 204-212-6 | 117-82-8    |
| Bis(2-methoxyethyl) ether                                                                                                                 | 203-924-4 | 111-96-6    |
| Arsenic acid                                                                                                                              | 231-901-9 | 7778-39-4   |
| Aluminosilicate Refractory Ceramic Fibres                                                                                                 | -         | -           |
| Refractories, fibers, aluminosilicate                                                                                                     | -         | 142844-00-6 |
| 4-(1,1,3,3-tetramethylbutyl)phenol                                                                                                        | 205-426-2 | 140-66-9    |
| 2-Methoxyaniline, o-Anisidine                                                                                                             | 201-963-1 | 90-04-0     |

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| 2,2'-dichloro-4,4'-methylenedianiline                                       | 202-918-9 | 101-14-4                            |
| 1,2-dichloroethane                                                          | 203-458-1 | 107-06-2                            |
| Strontium chromate                                                          | 232-142-6 | 7789-06-2                           |
| Hydrazine                                                                   | 206-114-9 | 302-01-2, 7803-57-8                 |
| 2-ethoxyethyl acetate                                                       | 203-839-2 | 111-15-9                            |
| 1-Methyl-2-pyrrolidone (NMP)                                                | 212-828-1 | 872-50-4                            |
| 1,2-Benzenedicarboxylic acid, di-C7-11-<br>branched and linear alkyl esters | 271-084-6 | 68515-42-4                          |
| 1,2-Benzenedicarboxylic acid, di-C6-8-<br>branched alkyl esters, C7-rich    | 276-158-1 | 71888-89-6                          |
| 1,2,3-trichloropropane                                                      | 202-486-1 | 96-18-4                             |
| Cobalt(II) sulphate                                                         | 233-334-2 | 10124-43-3                          |
| Cobalt(II) dinitrate                                                        | 233-402-1 | 10141-05-6                          |
| Cobalt(II) diacetate                                                        | 200-755-8 | 71-48-7                             |
| Cobalt(II) carbonate                                                        | 208-169-4 | 513-79-1                            |
| Chromium trioxide                                                           | 215-607-8 | 1333-82-0                           |
| Acids generated from chromium trioxide and<br>their oligomers               | -         | -                                   |
| Chromic acid                                                                | 231-801-5 | 7738-94-5                           |
| Oligomers of chromic acid and dichromic acid                                | -         | -                                   |
| Dichromic acid                                                              | 236-881-5 | 13530-68-2                          |
| 2-methoxyethanol                                                            | 203-713-7 | 109-86-4                            |
| 2-ethoxyethanol                                                             | 203-804-1 | 110-80-5                            |
| Trichloroethylene                                                           | 201-167-4 | 79-01-6                             |
| Tetraboron disodium heptaoxide, hydrate                                     | 235-541-3 | 12267-73-1                          |
| Sodium chromate                                                             | 231-889-5 | 7775-11-3                           |
| Potassium dichromate                                                        | 231-906-6 | 7778-50-9                           |
| Potassium chromate                                                          | 232-140-5 | 7789-00-6                           |
| Disodium tetraborate, anhydrous                                             | 215-540-4 | 12179-04-3, 1303-96-4,<br>1330-43-4 |
| Boric acid                                                                  | -         | -                                   |
| Boric acid                                                                  | 233-139-2 | 10043-35-3                          |
| Boric acid, crude natural                                                   | 234-343-4 | 11113-50-1                          |
| Ammonium dichromate                                                         | 232-143-1 | 7789-09-5                           |
| Acrylamide                                                                  | 201-173-7 | 79-06-1                             |
| Tris(2-chloroethyl) phosphate                                               | 204-118-5 | 115-96-8                            |
| Pitch, coal tar, high-temp.                                                 | 266-028-2 | 65996-93-2                          |
| Lead sulfochromate yellow (C.I. Pigment<br>Yellow 34)                       | 215-693-7 | 1344-37-2                           |
| Lead chromate molybdate sulphate red (C.I.<br>Pigment Red 104)              | 235-759-9 | 12656-85-8                          |

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| Lead chromate                                               | 231-846-0 | 7758-97-6             |
| Diisobutyl phthalate                                        | 201-553-2 | 84-69-5               |
| Anthracene oil, anthracene-low                              | 292-604-8 | 90640-82-7            |
| Anthracene oil, anthracene paste, distn. lights             | 295-278-5 | 91995-17-4            |
| Anthracene oil, anthracene paste, anthracene fraction       | 295-275-9 | 91995-15-2            |
| Anthracene oil, anthracene paste                            | 292-603-2 | 90640-81-6            |
| Anthracene oil                                              | 292-602-7 | 90640-80-5            |
| 2,4-dinitrotoluene                                          | 204-450-0 | 121-14-2              |
| Triethyl arsenate                                           | 427-700-2 | 15606-95-8            |
| Sodium dichromate                                           | 234-190-3 | 10588-01-9, 7789-12-0 |
| Lead hydrogen arsenate                                      | 232-064-2 | 7784-40-9             |
| Hexabromocyclododecane (HBCDD)                              | -         | -                     |
| 1,2,5,6,9,10-hexabromocyclododecane                         | 221-695-9 | 3194-55-6             |
| Hexabromocyclododecane                                      | 247-148-4 | 25637-99-4            |
| alpha-hexabromocyclododecane                                | -         | 134237-50-6           |
| beta-hexabromocyclododecane                                 | -         | 134237-51-7           |
| gamma-hexabromocyclododecane                                | -         | 134237-52-8           |
| Dibutyl phthalate (DBP)                                     | 201-557-4 | 84-74-2               |
| Diarsenic trioxide                                          | 215-481-4 | 1327-53-3             |
| Diarsenic pentaoxide                                        | 215-116-9 | 1303-28-2             |
| Cobalt dichloride                                           | 231-589-4 | 7646-79-9             |
| Bis(tributyltin) oxide (TBTO)                               | 200-268-0 | 56-35-9               |
| Bis (2-ethylhexyl)phthalate (DEHP)                          | 204-211-0 | 117-81-7              |
| Benzyl butyl phthalate (BBP)                                | 201-622-7 | 85-68-7               |
| Anthracene                                                  | 204-371-1 | 120-12-7              |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 287-476-5 | 85535-84-8            |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)          | 201-329-4 | 81-15-2               |
| 4,4'- Diaminodiphenylmethane (MDA)                          | 202-974-4 | 101-77-9              |