

Declaration for AOS Products in the Light of REACH Obligations

Since 1 June 2007 Regulation (EC) No 1907/2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals (Abbr. REACH) is in force.

REACH contains and AOS obligation identification

1. Since 1 June 2008, manufacturers or importers of substances as such, of substances in preparations (mixtures) or substances in articles which are released intentionally, must register these substances at the European Chemicals Agency (ECHA), if the substances are manufactured or imported in the European Community in quantities of at least 1 ton per year and if they are not exempted from registration obligations.

AOS Obligation Identification: Not falls in the scope, AOS products are Articles and as semiconductors are not intended to release any substance under normal and reasonably foreseeable conditions of use,

2. Suppliers of substances and preparations must provide the recipient with either a safety data sheet (Article 31) or safety information (Article 32). In certain cases, the safety data sheet has to be amended with relevant exposure scenarios ("Extended Safety Data Sheet").

AOS Obligation Identification: Not falls in the scope, AOS products are Articles

3. Suppliers, manufacturers and importers of articles that contain a substance on the "candidate list" in a concentration higher than 0.1 mass percent per article shall provide the professional recipient and on request a consumer of the article with sufficient information to ensure safe use of the article. This information has to include, as a minimum requirement, the name of that substance. Furthermore, if the substance on the "candidate list" exceeds the quantity of 1 t per year in these articles, a notification to the European Chemicals Agency (ECHA) is required. The notification obligation started 1 June 2011.

AOS Obligation Identification: Some of AOS products contain SVHC candidates, and total of candidate shipped to EU is less than 1 t per year. Notification obligation to ECHA is not applicable, but AOS should notify the information to our downstream users

4. Since 1 June 2008, users of chemicals (substances and preparations/mixtures) – so-called "downstream users" – will have to comply with further obligations, but only after they have received an extended safety data sheet. Downstream users can provide appropriate information to assist the

manufacturers and importers of substances and preparations in registering them.

AOS Obligation Identification: Notification is not required since exposure to humans or the environment under normal or reasonably foreseeable conditions of use including disposal (disposal phase of electronic products is covered in the European Union by the WEEE directive 2012/19/EU) can be excluded for AOS semiconductor products.

What should AOS do specific to REACH?

Depended on the obligation identification, we have reviewed the BOM and obtained / confirmed the information from our supplier chain. We certified these substances of Very High Concern (SVHC candidate as below listed) are NOT CONTAINED in AOS's products, except some products applied Condition A or Condition A & B.

Condition A: lead / CAS #7439-92-1 as main ingredient in high temperature melting solder as die attach and/or clip bonding, which applied EU RoHS exemption clause 7(a):Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

Condition B: 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 / CAS No.: 13560-89-9 as the additive in one type of molding compound for encapsulation.

Note: 'NOT CONTAINED' means NOT PRESENT in their relevant devices (REACH classify them as articles) above a concentration of 0.1%/ 1000ppm weight by weight.

Furthermore, our products do not contain any of the substances above the maximum thresholds under the given application in Annex XVII of REACH.

Company Name: Alpha & Omega Semiconductor (Hong Kong) Limited

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Date: Mar 5th, 2024



Candidate list of Substances of Very High Concern for authorization

| # | Substance Name | EC No. | CAS No. | Date of inclusion |
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| 1 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC No.: 270-966-8 CAS No.: 68512-30-1 | 700-960-7 | — | 2024/1/23 |
| 2 | Bumetrizole (UV-326) | 223-445-4 | 3896-11-5 | 2024/1/23 |
| 3 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one | 438-340-0 | 119344-86-4 | 2024/1/23 |
| 4 | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) | 221-573-5 | 3147-75-9 | 2024/1/23 |
| 5 | 2,4,6-tri-tert-butylphenol | 211-989-5 | 732-26-3 | 2024/1/23 |
| 6 | diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide | 278-355-8 | 75980-60-8 | 2023/6/14 |
| 7 | bis(4-chlorophenyl) sulphone | 201-247-9 | 80-07-9 | 2023/6/14 |
| 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 | - | 2023/1/17 |
| 9 | Perfluoroheptanoic acid and its salts Sodium perfluoroheptanoate EC No.: 243-518-4 CAS No.: 20109-59-5 potassium perfluoroheptanoate EC No.: - CAS No.: 21049-36-5 Ammonium perfluoroheptanoate EC No.: 228-098-2 CAS No.: 6130-43-4 Perfluoroheptanoic acid EC No.: 206-798-9 CAS No.: 375-85-9 | - | - | 2023/1/17 |
| 10 | Melamine | 203-615-4 | 108-78-1 | 2023/1/17 |
| 11 | Isobutyl 4-hydroxybenzoate | 224-208-8 | 4247-02-3 | 2023/1/17 |
| 12 | bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate EC No.: 247-426-5 CAS No.: 26040-51-7 | - | - | 2023/1/17 |
| 13 | Barium diboron tetraoxide | 237-222-4 | 13701-59-2 | 2023/1/17 |
| 14 | 4,4'-sulphonyldiphenol | 201-250-5 | 80-09-1 | 2023/1/17 |
| 15 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol | 201-236-9 | 79-94-7 | 2023/1/17 |
| 16 | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] | 253-692-3 | 37853-59-1 | 2023/1/17 |
| 17 | N-(hydroxymethyl)acrylamide | 213-103-2 | 924-42-5 | 2022/6/10 |
| 18 | tris(2-methoxyethoxy)vinylsilane | 213-934-0 | 1067-53-4 | 2022/1/17 |
| 19 | 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 X4261 | 401-850-9 | 255881-94-8 | 2022/1/17 |
| 20 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol | 204-327-1 | 119-47-1 | 2022/1/17 |

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| 21 | <p>(±)-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)</p> <p>->(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 1782069-81-1</p> <p>->(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 95342-41-9</p> <p>->(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-25-4</p> <p>->(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one EC No.: 253-242-6 CAS No.: 36861-47-9</p> <p>->(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 741687-98-9</p> <p>->(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-30-1</p> <p>->(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one EC No.: - CAS No.: 852541-21-0</p> | - | - | 2022/1/17 |
| 22 | <p>Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)</p> <p>>Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5</p> <p>>Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7</p> <p>>Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5</p> <p>>4-isododecylphenol EC No.: - CAS No.: 27459-10-5</p> <p>>Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1</p> <p>>Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7</p> | - | - | 2021/7/8 |

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| 23 | <p>orthoboric acid, sodium salt</p> <p>>boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5</p> <p>>Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2</p> <p>>Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4</p> <p>>Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9</p> <p>>Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7</p> <p>>Boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0</p> | - | - | 2021/7/8 |
| 24 | <p>Medium-chain chlorinated paraffins (MCCP)</p> <p>UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17</p> <p>>Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6</p> <p>>Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9</p> <p>>di-, tri- and tetrachlorotetradecane EC No.: 950-299-5 CAS No.: -</p> <p>>Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2</p> | - | - | 2021/7/8 |
| 25 | glutaral | 203-856-5 | 111-30-8 | 2021/7/8 |
| 26 | 4,4'-(1-methylpropylidene)bisphenol | 201-025-1 | 77-40-7 | 2021/7/8 |
| 27 | <p>2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers</p> <p>>(2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3</p> <p>>2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6</p> <p>>(2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-30-2</p> | - | - | 2021/7/8 |
| 28 | <p>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)</p> <p>>2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) EC No.: 253-057-0 CAS No.: 36483-57-5</p> <p>>3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) EC No.: - CAS No.: 1522-92-5</p> <p>>2,2-bis(bromomethyl)propane-1,3-diol (BMP) EC No.: 221-967-7 CAS No.: 3296-90-0</p> <p>>2,3-dibromo-1-propanol (2,3-DBPA) EC No.: 202-480-9 CAS No.: 96-13-9</p> | - | - | 2021/7/8 |

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| 29 | 1,4-dioxane | 204-661-8 | 123-91-1 | 2021/7/8 |
| 30 | 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 -Diocetyl tin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8 -Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4 -dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: - | - | - | 2021/1/19 |
| 31 | Bis(2-(2-methoxyethoxy)ethyl)ether | 205-594-7 | 143-24-8 | 2021/1/19 |
| 32 | Dibutylbis(pentane-2,4-dionato-O,O')tin | 245-152-0 | 22673-19-4 | 2020/6/25 |
| 33 | Butyl 4-hydroxybenzoate | 202-318-7 | 94-26-8 | 2020/6/25 |
| 34 | 2-methylimidazole | 211-765-7 | 693-98-1 | 2020/6/25 |
| 35 | 1-vinylimidazole | 214-012-0 | 1072-63-5 | 2020/6/25 |
| 36 | Perfluorobutane sulfonic acid (PFBS) and its salts | - | - | 2020/1/16 |
| 37 | Diisohexyl phthalate | 276-090-2 | 71850-09-4 | 2020/1/16 |
| 38 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | 400-600-6 | 71868-10-5 | 2020/1/16 |
| 39 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone | 404-360-3 | 119313-12-1 | 2020/1/16 |
| 40 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof | - | - | 2019/7/16 |
| 41 | 2-methoxyethyl acetate | 203-772-9 | 110-49-6 | 2019/7/16 |
| 42 | 4-tert-butylphenol | 202-679-0 | 98-54-4 | 2019/7/16 |
| 43 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with \geq 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) | - | - | 2019/7/16 |
| 44 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC | 239-139-9 | 15087-24-8 | 2019/1/15 |
| 45 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | 401-720-1 | 6807-17-6 | 2019/1/15 |
| 46 | Benzo[k]fluoranthene | 205-916-6 | 207-08-9 | 2019/1/15 |
| 47 | Fluoranthene | 205-912-4 | 206-44-0; 93951-69-0 | 2019/1/15 |
| 48 | Phenanthrene | 201-581-5 | 85-01-8 | 2019/1/15 |
| 49 | Pyrene | 204-927-3 | 129-00-0; 1718-52-1 | 2019/1/15 |
| 50 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride | 209-008-0 | 552-30-7 | 2018/6/27 |
| 51 | Benzo[ghi]perylene | 205-883-8 | 191-24-2 | 2018/6/27 |
| 52 | Decamethylcyclopentasiloxane | 208-764-9 | 541-02-6 | 2018/6/27 |
| 53 | Dicyclohexyl phthalate | 201-545-9 | 84-61-7 | 2018/6/27 |
| 54 | Disodium octaborate | 234-541-0 | 12008-41-2 | 2018/6/27 |
| 55 | Dodecamethylcyclohexasiloxane | 208-762-8 | 540-97-6 | 2018/6/27 |
| 56 | Ethylenediamine | 203-468-6 | 107-15-3 | 2018/6/27 |

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| 57 | Lead | 231-100-4 | 7439-92-1 | 2018/6/27 |
| 58 | Octamethylcyclotetrasiloxane | 209-136-7 | 556-67-2 | 2018/6/27 |
| 59 | Terphenyl, hydrogenated | 262-967-7 | 61788-32-7 | 2018/6/27 |
| 60 | Benz[a]anthracene | 200-280-6 | 56-55-3 1718-53-2 | 2018/1/15 |
| 61 | Cadmium carbonate | 208-168-9 | 513-78-0 | 2018/1/15 |
| 62 | Cadmium hydroxide | 244-168-5 | 21041-95-2 | 2018/1/15 |
| 63 | Cadmium nitrate | 233-710-6 | 10022-68-1 10325-94-7 | 2018/1/15 |
| 64 | Chrysene | 205-923-4 | 218-01-9 1719-03-5 | 2018/1/15 |
| 65 | <p>1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof (1S,2S,5R,6R,9S,10S,13R,14R)-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 EC No.: - CAS No.: 135821-03-3 (1S,2S,5S,6S,9R,10R,13R,14R)-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 EC No.: - CAS No.: 135821-74-8</p> <p>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 EC No.: 236-948-9 CAS No.: 13560-89-9 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 EC No.: - CAS No.: - 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 EC No.: - CAS No.: -</p> | - | - | 2018/1/15 |
| 66 | <p>Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)</p> | - | - | 2018/1/15 |
| 67 | Perfluorohexane-1-sulphonic acid and its salts PFHxS | - | - | 2017/7/7 |
| 68 | 4,4'-isopropylidenediphenol | 201-245-8 | 80-05-7 | 2017/1/12 |

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| 69 | 4-Heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof | - | - | 2017/1/12 |
| 70 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts - Nonadecafluorodecanoic acid - Ammonium nonadecafluorodecanoate - Decanoic acid, nonadecafluoro-, sodium salt | 206-400-3 221-470-5 - | 335-76-2 3108-42-7 3830-45-3 | 2017/1/12 |
| 71 | p-(1,1-dimethylpropyl)phenol | 201-280-9 | 80-46-6 | 2017/1/12 |
| 72 | Benzo[def]chrysene | 200-028-5 | 50-32-8 | 2016/6/20 |
| 73 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5) | 271-094-0 272-013-1 | 68515-51-5 68648-93-1 | 2015/6/15 |
| 74 | 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] | - | - | 2015/6/15 |
| 75 | Nitrobenzene | 202-716-0 | 98-95-3 | 2015/12/17 |
| 76 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | 223-383-8 | 3864-99-1 | 2015/12/17 |
| 77 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 253-037-1 | 36437-37-3 | 2015/12/17 |
| 78 | 1,3-propanesultone | 214-317-9 | 1120-71-4 | 2015/12/17 |
| 79 | Perfluorononan-1-oic-acid and its sodium and ammonium salts | 206-801-3 | 375-95-1 21049-39-8 4149-60-4 | 2015/12/17 |
| 80 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | 223-346-6 | 3846-71-7 | 2014/12/17 |
| 81 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | 239-622-4 | 15571-58-1 | 2014/12/17 |
| 82 | 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) | - | - | 2014/12/17 |
| 83 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 247-384-8 | 25973-55-1 | 2014/12/17 |
| 84 | Cadmium fluoride | 232-222-0 | 7790-79-6 | 2014/12/17 |
| 85 | Cadmium sulphate | 233-331-6 | 10124-36-4,31119-53-6 | 2014/12/17 |
| 86 | Cadmium chloride | 233-296-7 | 10108-64-2 | 2014/6/16 |
| 87 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | 271-093-5 | 68515-50-4 | 2014/6/16 |
| 88 | Sodium peroxometaborate | 231-556-4 | 7632-04-4 | 2014/6/16 |

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| 89 | Sodium perborate; perboric acid, sodium salt | 239-172-9; 234-390-0 | - | 2014/6/16 |
| 90 | Cadmium sulphide | 215-147-8 | 1306-23-6 | 2013/12/16 |
| 91 | 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 | 2013/12/16 |
| 92 | Dihexyl phthalate | 201-559-5 | 84-75-3 | 2013/12/16 |
| 93 | Imidazolidine-2-thione; (2-imidazoline-2-thiol) | 202-506-9 | 96-45-7 | 2013/12/16 |
| 94 | Trixylyl phosphate | 246-677-8 | 25155-23-1 | 2013/12/16 |
| 95 | 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 | 2013/12/16 |
| 96 | Lead di(acetate) | 206-104-4 | 301-04-2 | 2013/12/16 |
| 97 | Cadmium | 231-152-8 | 7440-43-9 | 2013/6/20 |
| 98 | Ammonium pentadecafluorooctanoate (APFO) | 223-320-4 | 3825-26-1 | 2013/6/20 |
| 99 | Pentadecafluorooctanoic acid (PFOA) | 206-397-9 | 335-67-1 | 2013/6/20 |
| 100 | Dipentyl phthalate (DPP) | 205-017-9 | 131-18-0 | 2013/6/20 |
| 101 | 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] | - | - | 2013/6/20 |
| 102 | Cadmium oxide | 215-146-2 | 1306-19-0 | 2013/6/20 |
| 103 | Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [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] | 247-094-1, 243-072-0, 256-356-4, 260-566-1 | 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9 | 2012/12/19 |
| 104 | 6-methoxy-m-toluidine (p-cresidine) | 204-419-1 | 120-71-8 | 2012/12/19 |
| 105 | Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [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] | 201-604-9, 236-086-3, 238-009-9 | 85-42-7, 13149-00-3, 14166-21-3 | 2012/12/19 |
| 106 | Pyrochlore, antimony lead yellow | 232-382-1 | 8012-00-8 | 2012/12/19 |
| 107 | Henicosafuoroundecanoic acid | 218-165-4 | 2058-94-8 | 2012/12/19 |
| 108 | 4-Aminoazobenzene | 200-453-6 | 60-09-3 | 2012/12/19 |
| 109 | Silicic acid, lead salt | 234-363-3 | 11120-22-2 | 2012/12/19 |
| 110 | Lead titanium zirconium oxide | 235-727-4 | 12626-81-2 | 2012/12/19 |
| 111 | Lead monoxide (lead oxide) | 215-267-0 | 1317-36-8 | 2012/12/19 |
| 112 | o-Toluidine | 202-429-0 | 95-53-4 | 2012/12/19 |
| 113 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | 421-150-7 | 143860-04-2 | 2012/12/19 |
| 114 | Dibutyltin dichloride (DBTC) | 211-670-0 | 683-18-1 | 2012/12/19 |
| 115 | Lead bis(tetrafluoroborate) | 237-486-0 | 13814-96-5 | 2012/12/19 |

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| 116 | Lead dinitrate | 233-245-9 | 10099-74-8 | 2012/12/19 |
| 117 | Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped | 272-271-5 | 68784-75-8 | 2012/12/19 |
| 118 | Trilead bis(carbonate)dihydroxide | 215-290-6 | 1319-46-6 | 2012/12/19 |
| 119 | 4,4'-methylenedi-o-toluidine | 212-658-8 | 838-88-0 | 2012/12/19 |
| 120 | Diethyl sulphate | 200-589-6 | 64-67-5 | 2012/12/19 |
| 121 | Dimethyl sulphate | 201-058-1 | 77-78-1 | 2012/12/19 |
| 122 | N,N-dimethylformamide | 200-679-5 | 68-12-2 | 2012/12/19 |
| 123 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] | - | - | 2012/12/19 |
| 124 | 4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] | - | - | 2012/12/19 |
| 125 | Furan | 203-727-3 | 110-00-9 | 2012/12/19 |
| 126 | Lead oxide sulfate | 234-853-7 | 12036-76-9 | 2012/12/19 |
| 127 | Lead titanium trioxide | 235-038-9 | 12060-00-3 | 2012/12/19 |
| 128 | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) | 214-604-9 | 1163-19-5 | 2012/12/19 |
| 129 | Dinoseb (6-sec-butyl-2,4-dinitrophenol) | 201-861-7 | 88-85-7 | 2012/12/19 |
| 130 | 1,2-Diethoxyethane | 211-076-1 | 629-14-1 | 2012/12/19 |
| 131 | N-methylacetamide | 201-182-6 | 79-16-3 | 2012/12/19 |
| 132 | Tetralead trioxide sulphate | 235-380-9 | 12202-17-4 | 2012/12/19 |
| 133 | Acetic acid, lead salt, basic | 257-175-3 | 51404-69-4 | 2012/12/19 |
| 134 | [Phthalato(2-)]dioxotrilead | 273-688-5 | 69011-06-9 | 2012/12/19 |
| 135 | Tetraethyllead | 201-075-4 | 78-00-2 | 2012/12/19 |
| 136 | N-pentyl-isopentylphthalate | - | 776297-69-9 | 2012/12/19 |
| 137 | Pentalead tetraoxide sulphate | 235-067-7 | 12065-90-6 | 2012/12/19 |
| 138 | Heptacosafuorotetradecanoic acid | 206-803-4 | 376-06-7 | 2012/12/19 |
| 139 | Tricosafuorododecanoic acid | 206-203-2 | 307-55-1 | 2012/12/19 |
| 140 | 1-bromopropane (n-propyl bromide) | 203-445-0 | 106-94-5 | 2012/12/19 |
| 141 | Dioxobis(stearato)trilead | 235-702-8 | 12578-12-0 | 2012/12/19 |
| 142 | Pentacosafuorotridecanoic acid | 276-745-2 | 72629-94-8 | 2012/12/19 |
| 143 | Methoxyacetic acid | 210-894-6 | 625-45-6 | 2012/12/19 |
| 144 | Methyloxirane (Propylene oxide) | 200-879-2 | 75-56-9 | 2012/12/19 |
| 145 | Trilead dioxide phosphonate | 235-252-2 | 12141-20-7 | 2012/12/19 |
| 146 | o-aminoazotoluene | 202-591-2 | 97-56-3 | 2012/12/19 |
| 147 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | 202-453-1 | 95-80-7 | 2012/12/19 |
| 148 | Diisopentylphthalate | 210-088-4 | 605-50-5 | 2012/12/19 |
| 149 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear | 284-032-2 | 84777-06-0 | 2012/12/19 |
| 150 | Biphenyl-4-ylamine | 202-177-1 | 92-67-1 | 2012/12/19 |
| 151 | Fatty acids, C16-18, lead salts | 292-966-7 | 91031-62-8 | 2012/12/19 |
| 152 | Orange lead (lead tetroxide) | 215-235-6 | 1314-41-6 | 2012/12/19 |

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| 153 | 4,4'-oxydianiline and its salts | 202-977-0 | 101-80-4 | 2012/12/19 |
| 154 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) | 204-650-8 | 123-77-3 | 2012/12/19 |
| 155 | Sulfurous acid, lead salt, dibasic | 263-467-1 | 62229-08-7 | 2012/12/19 |
| 156 | Lead cyanamidate | 244-073-9 | 20837-86-9 | 2012/12/19 |
| 157 | α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 229-851-8 | 6786-83-0 | 2012/6/18 |
| 158 | 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 | 59653-74-6 | 2012/6/18 |
| 159 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 202-959-2 | 101-61-1 | 2012/6/18 |
| 160 | Diboron trioxide | 215-125-8 | 1303-86-2 | 2012/6/18 |
| 161 | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) | 203-977-3 | 112-49-2 | 2012/6/18 |
| 162 | Formamide | 200-842-0 | 75-12-7 | 2012/6/18 |
| 163 | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 209-218-2 | 561-41-1 | 2012/6/18 |
| 164 | Lead(II) bis(methanesulfonate) | 401-750-5 | 17570-76-2 | 2012/6/18 |
| 165 | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 208-953-6 | 548-62-9 | 2012/6/18 |
| 166 | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) | 203-794-9 | 110-71-4 | 2012/6/18 |
| 167 | [4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1- ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] | 219-943-6 | 2580-56-5 | 2012/6/18 |
| 168 | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) | 219-514-3 | 2451-62-9 | 2012/6/18 |
| 169 | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | 202-027-5 | 90-94-8 | 2012/6/18 |
| 170 | Phenolphthalein | 201-004-7 | 77-09-8 | 2011/12/19 |
| 171 | N,N-dimethylacetamide | 204-826-4 | 127-19-5 | 2011/12/19 |
| 172 | 4-(1,1,3,3-tetramethylbutyl)phenol | 205-426-2 | 140-66-9 | 2011/12/19 |
| 173 | Lead diazide, Lead azide | 236-542-1 | 13424-46-9 | 2011/12/19 |
| 174 | Lead dipicrate | 229-335-2 | 6477-64-1 | 2011/12/19 |
| 175 | 1,2-dichloroethane | 203-458-1 | 107-06-2 | 2011/12/19 |
| 176 | Calcium arsenate | 231-904-5 | 7778-44-1 | 2011/12/19 |
| 177 | Dichromium tris(chromate) | 246-356-2 | 24613-89-6 | 2011/12/19 |
| 178 | 2-Methoxyaniline; o-Anisidine | 201-963-1 | 90-04-0 | 2011/12/19 |
| 179 | Pentazinc chromate octahydroxide | 256-418-0 | 49663-84-5 | 2011/12/19 |

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| 180 | Zirconia Aluminosilicate Refractory Ceramic Fibres 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: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (?m). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight | - | - | 2011/12/19 |
| 181 | Arsenic acid | 231-901-9 | 7778-39-4 | 2011/12/19 |
| 182 | Potassium hydroxyoctaoxodizincatedichromate | 234-329-8 | 11103-86-9 | 2011/12/19 |
| 183 | Formaldehyde, oligomeric reaction products with aniline | 500-036-1 | 25214-70-4 | 2011/12/19 |
| 184 | Lead styphnate | 239-290-0 | 15245-44-0 | 2011/12/19 |
| 185 | Bis(2-methoxyethyl) phthalate | 204-212-6 | 117-82-8 | 2011/12/19 |
| 186 | Trilead diarsenate | 222-979-5 | 3687-31-8 | 2011/12/19 |
| 187 | Aluminosilicate Refractory Ceramic Fibres 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: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (?m) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight | - | - | 2011/12/19 |
| 188 | Bis(2-methoxyethyl) ether | 203-924-4 | 111-96-6 | 2011/12/19 |
| 189 | 2,2'-dichloro-4,4'-methylenedianiline | 202-918-9 | 101-14-4 | 2011/12/19 |
| 190 | Cobalt dichloride | 231-589-4 | 7646-79-9 | 2011/06/20 2008/10/28 |
| 191 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | 276-158-1 | 71888-89-6 | 2011/6/20 |
| 192 | Strontium chromate | 232-142-6 | 7789-06-2 | 2011/6/20 |
| 193 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 271-084-6 | 68515-42-4 | 2011/6/20 |
| 194 | 1-Methyl-2-pyrrolidone | 212-828-1 | 872-50-4 | 2011/6/20 |
| 195 | 1,2,3-Trichloropropane | 202-486-1 | 96-18-4 | 2011/6/20 |
| 196 | 2-Ethoxyethyl acetate | 203-839-2 | 111-15-9 | 2011/6/20 |

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| 197 | Hydrazine | 206-114-9 | 302-01-2, 7803-57-8 | 2011/6/20 |
| 198 | Cobalt(II) diacetate | 200-755-8 | 71-48-7 | 2010/12/15 |
| 199 | 2-Ethoxyethanol | 203-804-1 | 110-80-5 | 2010/12/15 |
| 200 | Cobalt(II) sulphate | 233-334-2 | 10124-43-3 | 2010/12/15 |
| 201 | Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid. | 231-801-5 236-881-5 | 7738-94-5, 13530-68-2 | 2010/12/15 |
| 202 | 2-Methoxyethanol | 203-713-7 | 109-86-4 | 2010/12/15 |
| 203 | Chromium trioxide | 215-607-8 | 1333-82-0 | 2010/12/15 |
| 204 | Cobalt(II) carbonate | 208-169-4 | 513-79-1 | 2010/12/15 |
| 205 | Cobalt(II) dinitrate | 233-402-1 | 10141-05-6 | 2010/12/15 |
| 206 | Trichloroethylene | 201-167-4 | 79-01-6 | 2010/6/18 |
| 207 | Potassium dichromate | 231-906-6 | 7778-50-9 | 2010/6/18 |
| 208 | Tetraboron disodium heptaoxide, hydrate | 235-541-3 | 12267-73-1 | 2010/6/18 |
| 209 | Boric acid | 233-139-2 234-343-4 | 10043-35-3, 11113-50-1 | 2010/6/18 |
| 210 | Ammonium dichromate | 232-143-1 | 7789-09-5 | 2010/6/18 |
| 211 | Sodium chromate | 231-889-5 | 7775-11-3 | 2010/6/18 |
| 212 | Disodium tetraborate, anhydrous | 215-540-4 | 1303-96-4, 1330-43-4, 12179-04-3 | 2010/6/18 |
| 213 | Potassium chromate | 232-140-5 | 7789-00-6 | 2010/6/18 |
| 214 | Acrylamide | 201-173-7 | 79-06-1 | 2010/3/30 |
| 215 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) | 215-693-7 | 1344-37-2 | 2010/1/13 |
| 216 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | 235-759-9 | 12656-85-8 | 2010/1/13 |
| 217 | 2,4-Dinitrotoluene | 204-450-0 | 121-14-2 | 2010/1/13 |
| 218 | Anthracene oil | 292-602-7 | 90640-80-5 | 2010/1/13 |
| 219 | Anthracene oil, anthracene paste, anthracene fraction | 295-275-9 | 91995-15-2 | 2010/1/13 |
| 220 | Anthracene oil, anthracene-low | 292-604-8 | 90640-82-7 | 2010/1/13 |
| 221 | Diisobutyl phthalate | 201-553-2 | 84-69-5 | 2010/1/13 |
| 222 | Tris(2-chloroethyl)phosphate (T) | 204-118-5 | 115-96-8 | 2010/1/13 |
| 223 | Lead chromate | 231-846-0 | 7758-97-6 | 2010/1/13 |
| 224 | Anthracene oil, anthracene paste | 292-603-2 | 90640-81-6 | 2010/1/13 |
| 225 | Pitch, coal tar, high temp. | 266-028-2 | 65996-93-2 | 2010/1/13 |
| 226 | Anthracene oil, anthracene paste, distn. lights | 295-278-5 | 91995-17-4 | 2010/1/13 |
| 227 | Lead hydrogen arsenate | 232-064-2 | 7784-40-9 | 2008/10/28 |
| 228 | Benzyl butyl phthalate (BBP) | 201-622-7 | 85-68-7 | 2008/10/28 |
| 229 | Bis (2-ethylhexyl)phthalate (DEHP) | 204-211-0 | 117-81-7 | 2008/10/28 |
| 230 | Bis(tributyltin)oxide (TBTO) | 200-268-0 | 56-35-9 | 2008/10/28 |
| 231 | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 201-329-4 | 81-15-2 | 2008/10/28 |
| 232 | Diarsenic trioxide | 215-481-4 | 1327-53-3 | 2008/10/28 |
| 233 | Triethyl arsenate | 427-700-2 | 15606-95-8 | 2008/10/28 |

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| 234 | Diarsenic pentaoxide | 215-116-9 | 1303-28-2 | 2008/10/28 |
| 235 | Sodium dichromate | 234-190-3 | 7789-12-0 10588-01-9 | 2008/10/28 |
| 236 | Dibutyl phthalate (DBP) | 201-557-4 | 84-74-2 | 2008/10/28 |
| 237 | 4,4'- Diaminodiphenylmethane (MDA) | 202-974-4 | 101-77-9 | 2008/10/28 |
| 238 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 287-476-5 | 85535-84-8 | 2008/10/28 |
| 239 | Anthracene | 204-371-1 | 120-12-7 | 2008/10/28 |
| 240 | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane | 247-148-4 221-695-9 | 25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8) | 2008/10/28 |

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