

**Report No.:** 248164246-02

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**Client:** AN PHAT BIOPLASTICS JOINT STOCK COMPANY**Contact Information:** Lot CN11+ CN12, An Dong Industrial Park, Nam Sach Town,  
Nam Sach District, Hai Duong Province Vietnam**Test item(s):** SPC Flooring**Identification/** An Cuong SPC Flooring**Model No(s):** Model: An Cuong SPC Flooring

Material: SPC

Color: Yellow

**Sample Receiving date:** 2024-11-21**Testing Period:** 2024-11-22 to 2024-11-28**Test Specification:****Test result:**

Test parameters chosen by applicant:

- |                                                                                                                                                                                                                   |                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1. ASTM F963-23: Sect. 4.3.5.2, 15 USC 1278a (CPSIA Sect. 101) and Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Total lead content in substrate materials                              | PASS                                                               |
| 2. US California Proposition 65 – Total Cadmium content                                                                                                                                                           | PASS                                                               |
| 3. CPSIA Section 108 as amended by 16 CFR 1307: Phthalates content                                                                                                                                                | PASS                                                               |
| 4. Total Lead Content according to REACH regulation (EC) No. 1907/2006 Annex XVII Entry 63 and its amendments                                                                                                     | PASS                                                               |
| 5. Total Cadmium Content according to REACH regulation (EC) No. 1907/2006 Annex XVII Entry 23 and its amendments                                                                                                  | PASS                                                               |
| 6. Phthalates content according to REACH regulation (EC) No. 1907/2006 and its amendments Annex XVII Entry 51                                                                                                     | PASS                                                               |
| 7. Risk Assessment of Articles: Screening of substances of very high concern (SVHC) subject to the candidate list by European Chemical Agency (ECHA) according to Regulation (EC) No 1907/2006 and its amendments | The tested material does not contain any SVHCs over 0.1% by weight |

**For and on behalf of**  
**TÜV Rheinland Vietnam Co., Ltd.**

2024-11-29

Tran Thi Khanh Chi / Senior Project Coordinator

*Date**Name/Position*Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products."Decision Rule" document announced in our website (<https://www.tuv.com/vietnam/en/lp/qm-vn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report, unless otherwise be required by the standard or requested by the customer.

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**Material List:**

Item: An Cuong SPC Flooring  
Model: An Cuong SPC Flooring  
Material: SPC  
Color: Yellow

| Material No. | Material      | Color                       | Location     |
|--------------|---------------|-----------------------------|--------------|
| M001         | Whole Product | Light brown + white + black | SPC Flooring |

**1.ASTM F963-23: Sect. 4.3.5.2, 15 USC 1278a (CPSIA Sect. 101) and Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Total lead content in substrate materials**

Test method: CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES.

**Test result:**

| Test No. | Material No. | Test Parameter | Unit | RL | Regulatory Requirement | Test Result | Conclusion |
|----------|--------------|----------------|------|----|------------------------|-------------|------------|
| T001     | M001         | Lead Content   | ppm  | 10 | 100                    | n.d.        | Pass       |

Abbreviation: n.d. = not detected (<Reporting Limit); RL = Reporting Limit  
mg/kg: milligram per kilogram = ppm: part per million  
% =Percentage; 1% = 10.000mg/kg (10.000ppm)

**2.US California Proposition 65 – Total Cadmium content**

Test Method: Refer CPSC-CH-E1002-08.3. Analysis was performed by ICP-OES.

**Test Result:**

| Test No. | Material No. | Test Parameter | Unit  | RL | Regulatory Requirement | Test Result |
|----------|--------------|----------------|-------|----|------------------------|-------------|
| T001     | M001         | Cadmium        | mg/kg | 10 | 100                    | n.d.        |
|          |              | Conclusion     | --    | -- | --                     | Pass        |

**Abbreviation:** n.d. = not detected (<Reporting Limit); RL = Reporting Limit  
mg/kg: milligram per kilogram = ppm: part per million  
% =Percentage; 1% = 10.000mg/kg (10.000ppm)

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**3.CPSIA Section 108 as amended by 16 CFR 1307: Phthalates content**

Test Method: CPSC-CH-C1001-09.4. Analysis was performed by GC-MS.

**Test Result:**

| Test Parameter         | CAS No.    | Unit | RL    | Test No.               | T001   |
|------------------------|------------|------|-------|------------------------|--------|
|                        |            |      |       | Material No.           | M001   |
| Test Parameter         | CAS No.    | Unit | RL    | Regulatory Requirement | Result |
| Dibutyl phthalate      | 84-74-2    | %    | 0.005 | 0.1                    | n.d.   |
| Benzyl butyl phthalate | 85-68-7    | %    | 0.005 | 0.1                    | n.d.   |
| Diethylhexyl phthalate | 117-81-7   | %    | 0.005 | 0.1                    | n.d.   |
| Diisononyl phthalate   | 28553-12-0 | %    | 0.005 | 0.1                    | n.d.   |
| Di-n-hexyl phthalate   | 84-75-3    | %    | 0.005 | 0.1                    | n.d.   |
| Diisobutyl phthalate   | 84-69-5    | %    | 0.005 | 0.1                    | n.d.   |
| Di-n-pentyl phthalate  | 131-18-0   | %    | 0.005 | 0.1                    | n.d.   |
| Dicyclohexyl phthalate | 84-61-7    | %    | 0.005 | 0.1                    | n.d.   |
| Conclusion             | --         | -    |       |                        | Pass   |

**Abbreviation:** n.d. = not detected (<Reporting Limit)  
 RL = Reporting Limit  
 % =Percentage

**4.Total Lead Content according to REACH regulation (EC) No. 1907/2006 Annex XVII Entry 63 and its amendments**

Test Method: Acid digestion, analyzed by ICP-OES

**Test result:**

| Test No. | Material No. | Test Parameter | Unit  | RL | Regulatory Requirement | Test Result | Conclusion |
|----------|--------------|----------------|-------|----|------------------------|-------------|------------|
| T001     | M001         | Lead           | mg/kg | 10 | 500                    | n.d.        | Pass       |
|          |              | Cadmium        | mg/kg | 10 | 100                    | n.d.        |            |

**Abbreviation:** n.d. = not detected (<Reporting Limit); RL = Reporting Limit  
 mg/kg: milligram per kilogram = ppm: part per million  
 % =Percentage; 1% = 10.000mg/kg (10.000ppm)

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**5.Total Cadmium Content according to REACH regulation (EC) No. 1907/2006  
Annex XVII Entry 23 and its amendments**

Test Method: Acid digestion, analysed by AAS/ ICP-OES

**Test Result:**

| Test No. | Material No. | Test Parameter | Unit  | RL | Regulatory Requirement | Test Result | Conclusion |
|----------|--------------|----------------|-------|----|------------------------|-------------|------------|
| T001     | M001         | Cadmium        | mg/kg | 10 | 100                    | n.d.        | Pass       |

**Abbreviation:** n.d. = not detected (<Reporting Limit); RL = Reporting Limit  
 mg/kg: milligram per kilogram = ppm: part per million  
 % =Percentage; 1% = 10.000mg/kg (10.000ppm)

**6.Phtalates content according to REACH regulation (EC) No. 1907/2006 and its  
amendments Annex XVII Entry 51**

Test Method: Organic solvent extraction, analyzed by GCMS

**Test Result:**

| Test No.                      |          |      |       |                        | T001   |
|-------------------------------|----------|------|-------|------------------------|--------|
| Material No.                  |          |      |       |                        | M001   |
| Test Parameter                | CAS NO   | Unit | RL    | Regulatory Requirement | Result |
| Diethylhexyl phthalate (DEHP) | 117-81-7 | %    | 0.005 | --                     | n.d.   |
| Dibutyl phthalate (DBP)       | 84-74-2  | %    | 0.005 | --                     | n.d.   |
| Benzylbutyl phthalate (BBP)   | 85-68-7  | %    | 0.005 | --                     | n.d.   |
| Diisobutyl phthalate (DIBP)   | 84-69-5  | %    | 0.005 | --                     | n.d.   |
| Sum of DEHP+DBP+BBP+DIBP      |          | %    | --    | 0.1                    | n.d.   |
| Conclusion                    | --       | --   | --    | --                     | Pass   |

**Abbreviation:** n.d. = not detected (<Reporting Limit); RL = Reporting Limit  
 mg/kg: milligram per kilogram = ppm: part per million  
 % =Percentage; 1% = 10.000mg/kg (10.000ppm)

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**7. Screening of Substances of Very High Concern (SVHC) subject to the Candidate List by European Chemical Agency (ECHA) according to Regulation (EC) No 1907/2006 and its amendments.**

Obligation of Importer is necessary if the detected SVHC concentration in article level is >0.1%:  
To communicate information down the supply chain according to article. 33 of Regulation(EC) No 1907/2006. OR

1. Notification to ECHA, if the quantities of SVHC in the produced/imported articles are above 1 ton in total per year per company.
2. Provide sufficient information to ensure safe use of the article and, as a minimum, include the name of the substance, to their customers and on request to consumers within 45 days of the receipt of this request.

Test Method: 1) SVOC: organic solvent extraction, determination by GC-MS/ECD  
2) VOC: organic solvent extraction, determination by GC-MS  
3) VVOC: headspace-GC/MS analysis  
4) non-VOC: organic solvent extraction, determination by LC-MS/MS.  
5) inorganics: acid digestion, determination by ICP-OES

**Test Result:**

| Test No. | Material No. | Result (%)                                   |
|----------|--------------|----------------------------------------------|
| T001     | M001         | 241 SVHCs: n.d.<br>Triphenyl phosphate: n.d. |

Abbreviation: n.d. = not detected (<Reporting Limit)  
RL = Reporting Limit  
% =Percentage

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Remark:

(\*1) The reporting limit for each individual SVHC in Candidate List by ECHA:

|    | Substance                                                                                                                                                                                  | CAS No.                                                                      | Reporting Limit |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|
| 1  | 4,4'- Diaminodiphenylmethane (A9)                                                                                                                                                          | 101-77-9                                                                     | 0.01%           |
| 2  | Benzyl butyl phthalate (BBP)                                                                                                                                                               | 85-68-7                                                                      | 0.01%           |
| 3  | Bis (2-ethylhexyl)phthalate (DEHP)                                                                                                                                                         | 117-81-7                                                                     | 0.01%           |
| 4  | Dibutyl phthalate (DBP)                                                                                                                                                                    | 84-74-2                                                                      | 0.01%           |
| 5  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:<br>Alpha-hexabromocyclododecane<br>Beta-hexabromocyclododecane<br>Gamma-hexabromocyclododecane                   | 25637-99-4 /<br>3194-55-6 /<br>134237-50-6 /<br>134237-51-7 /<br>134237-52-8 | 0.01%           |
| 6  | 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)                                                                                                                                         | 81-15-2                                                                      | 0.01%           |
| 7  | 2,4-Dinitrotoluene (2,4-DNT)                                                                                                                                                               | 121-14-2                                                                     | 0.01%           |
| 8  | Diisobutyl phthalate (DIBP)                                                                                                                                                                | 84-69-5                                                                      | 0.01%           |
| 9  | Tris(2-chloroethyl)phosphate (TCEP)                                                                                                                                                        | 115-96-8                                                                     | 0.01%           |
| 10 | Diarsenic pentaoxide (*2)                                                                                                                                                                  | 1303-28-2                                                                    | 0.01%           |
| 11 | Diarsenic trioxide (*2)                                                                                                                                                                    | 1327-53-3                                                                    | 0.01%           |
| 12 | Lead chromate (*2)(*3)                                                                                                                                                                     | 7758-97-6                                                                    | 0.01%           |
| 13 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (*2)(*3)                                                                                                                       | 12656-85-8                                                                   | 0.01%           |
| 14 | Lead sulfochromate yellow (C.I. Pigment Yellow 34) (*2)                                                                                                                                    | 1344-37-2                                                                    | 0.01%           |
| 15 | Trichloroethylene                                                                                                                                                                          | 79-01-6                                                                      | 0.01%           |
| 16 | Chromium trioxide (*2)                                                                                                                                                                     | 1333-82-0                                                                    | 0.01%           |
| 17 | Acids generated from chromium trioxide and their oligomers:<br>Names of the acids and their oligomers: Chromic acid, Dichromic acid,<br>Oligomers of chromic acid and dichromic acid. (*2) | 7738-94-5 /<br>13530-68-2                                                    | 0.01%           |
| 18 | Sodium dichromate (*2)(*3)                                                                                                                                                                 | 7789-12-0 / 10588-01-9                                                       | 0.01%           |
| 19 | Potassium dichromate (*2)(*3)                                                                                                                                                              | 7778-50-9                                                                    | 0.01%           |
| 20 | Ammonium dichromate (*2)(*3)                                                                                                                                                               | 7789-09-5                                                                    | 0.01%           |
| 21 | Potassium chromate (*2)(*3)                                                                                                                                                                | 7789-00-6                                                                    | 0.01%           |
| 22 | Sodium chromate (*2)(*3)                                                                                                                                                                   | 7775-11-3                                                                    | 0.01%           |
| 23 | Formaldehyde, oligomeric reaction products with aniline (technical MDA) (*10)                                                                                                              | 25214-70-4                                                                   | 0.01%           |
| 24 | 1,2-Dichloroethane (1,2-DCE)                                                                                                                                                               | 107-06-2                                                                     | 0.01%           |
| 25 | Bis(2-methoxyethyl) ether (DEGDB)                                                                                                                                                          | 111-96-6                                                                     | 0.01%           |
| 26 | Arsenic acid (*2)                                                                                                                                                                          | 7778-39-4                                                                    | 0.01%           |
| 27 | 2,2'-dichloro-4,4'-methylenedianiline (MOCA)                                                                                                                                               | 101-14-4                                                                     | 0.01%           |
| 28 | Dichromium tris(chromate) (*2)(*3)                                                                                                                                                         | 24613-89-6                                                                   | 0.01%           |
| 29 | Strontium chromate (*2)(*3)                                                                                                                                                                | 7789-06-2                                                                    | 0.01%           |
| 30 | Potassium hydroxyoctaoxodizincatedichromate (*2)(*3)                                                                                                                                       | 11103-86-9                                                                   | 0.01%           |
| 31 | Pentazinc chromate octahydroxide (*2)(*3)                                                                                                                                                  | 49663-84-5                                                                   | 0.01%           |
| 32 | 1-bromopropane (n-propyl bromide)                                                                                                                                                          | 106-94-5                                                                     | 0.01%           |
| 33 | Diisopentylphthalate                                                                                                                                                                       | 605-50-5                                                                     | 0.01%           |
| 34 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)                                                                                                                | 71888-89-6                                                                   | 0.01%           |
| 35 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)                                                                                                            | 68515-42-4                                                                   | 0.01%           |
| 36 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear                                                                                                                           | 84777-06-0                                                                   | 0.01%           |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------|
| 37 | Bis(2-methoxyethyl) phthalate                                                                                                                                                                                                                                                         | 117-82-8                           | 0.01%      |
| 38 | Dipentyl phthalate (DPP)                                                                                                                                                                                                                                                              | 131-18-0                           | 0.01%      |
| 39 | N-pentyl-isopentylphthalate                                                                                                                                                                                                                                                           | 776297-69-9                        | 0.01%      |
| 40 | Anthracene oil (*6)                                                                                                                                                                                                                                                                   | 90640-80-5                         | 0.01%(*7)  |
| 41 | Pitch, coal tar, high temperature (*6)                                                                                                                                                                                                                                                | 65996-93-2                         | 0.01%(*7)  |
| 42 | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (OPEO)<br>[covering well-defined substances and UVCB substances, polymers and homologues]                                                                                                                                             | -                                  | 0.01%      |
| 43 | 4-Nonylphenol, branched and linear<br>[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] | -                                  | 0.01%      |
| 44 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear                                                                                                                                                                                                                      | 68515-50-4                         | 0.01%      |
| 45 | Dihexyl phthalate                                                                                                                                                                                                                                                                     | 84-75-3                            | 0.01%      |
| 46 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)                                                                                                       | 68515-51-5 / 68648-93-1            | 0.01%      |
| 47 | Trixylyl phosphate                                                                                                                                                                                                                                                                    | 25155-23-1                         | 0.01%      |
| 48 | Sodium perborate, perboric acid, sodium salt (*2) (*5)                                                                                                                                                                                                                                | -                                  | 0.01%      |
| 49 | Sodium peroxometaborate (*2) (*5)                                                                                                                                                                                                                                                     | 7632-04-4                          | 0.01%      |
| 50 | 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]                                             | -                                  | 0.01%      |
| 51 | 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)                                                                                                                                                                                                                              | 25973-55-1                         | 0.01%      |
| 52 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)                                                                                                                                                                                                                        | 3864-99-1                          | 0.01%      |
| 53 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)                                                                                                                                                                                                                  | 36437-37-3                         | 0.01%      |
| 54 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)                                                                                                                                                                                                                                  | 3846-71-7                          | 0.01%      |
| 55 | Anthracene                                                                                                                                                                                                                                                                            | 120-12-7                           | 0.01%      |
| 56 | Bis(tributyltin) oxide (TBTO) (*4)                                                                                                                                                                                                                                                    | 56-35-9                            | 0.01%      |
| 57 | Triethyl arsenate (*2)                                                                                                                                                                                                                                                                | 15606-95-8                         | 0.01%      |
| 58 | Lead hydrogen arsenate (*2)                                                                                                                                                                                                                                                           | 7784-40-9                          | 0.01%      |
| 59 | Cobalt dichloride (*2)                                                                                                                                                                                                                                                                | 7646-79-9                          | 0.01%      |
| 60 | Acrylamide                                                                                                                                                                                                                                                                            | 79-06-1                            | 0.01%      |
| 61 | Anthracene oil, anthracene paste, distr. lights (*6)                                                                                                                                                                                                                                  | 91995-17-4                         | 0.01% (*7) |
| 62 | Anthracene oil, anthracene paste, anthracene fraction (*6)                                                                                                                                                                                                                            | 91995-15-2                         |            |
| 63 | Anthracene oil, anthracene-low (*6)                                                                                                                                                                                                                                                   | 90640-82-7                         |            |
| 64 | Anthracene oil, anthracene paste (*6)                                                                                                                                                                                                                                                 | 90640-81-6                         |            |
| 65 | Boric acid (*2) (*5)                                                                                                                                                                                                                                                                  | 10043-35-3 / 11113-50-1            | 0.01%      |
| 66 | Disodium tetraborate, anhydrous (*2) (*5)                                                                                                                                                                                                                                             | 1303-96-4 / 1330-43-4 / 12179-04-3 | 0.01%      |
| 67 | Tetraboron disodium heptaoxide, hydrate (*2) (*5)                                                                                                                                                                                                                                     | 12267-73-1                         | 0.01%      |
| 68 | 2-Methoxyethanol                                                                                                                                                                                                                                                                      | 109-86-4                           | 0.01%      |

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| 69  | 2-Ethoxyethanol                                                                                                                                                                                                                           | 110-80-5             | 0.01% |
| 70  | Cobalt(II) sulphate (*2)                                                                                                                                                                                                                  | 10124-43-3           | 0.01% |
| 71  | Cobalt(II) dinitrate (*2)                                                                                                                                                                                                                 | 10141-05-6           | 0.01% |
| 72  | Cobalt(II) carbonate (*2)                                                                                                                                                                                                                 | 513-79-1             | 0.01% |
| 73  | Cobalt(II) diacetate (*2)                                                                                                                                                                                                                 | 71-48-7              | 0.01% |
| 74  | Alkanes C10-C13, chloro (Short Chain Chlorinated Paraffins) (SCCP)                                                                                                                                                                        | 85535-84-8           | 0.01% |
| 75  | 2-Ethoxyethyl acetate                                                                                                                                                                                                                     | 111-15-9             | 0.01% |
| 76  | Hydrazine                                                                                                                                                                                                                                 | 302-01-2 / 7803-57-8 | 0.01% |
| 77  | 1-Methyl-2-pyrrolidone (NMP)                                                                                                                                                                                                              | 872-50-4             | 0.01% |
| 78  | 1,2,3-Trichloropropane                                                                                                                                                                                                                    | 96-18-4              | 0.01% |
| 79  | Aluminosilicate Refractory Ceramic Fibres (RCF) (*8)                                                                                                                                                                                      | -                    | 0.01% |
| 80  | Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) (*8)                                                                                                                                                                          | -                    | 0.01% |
| 81  | 2-Methoxyaniline,o-Anisidine                                                                                                                                                                                                              | 90-04-0              | 0.01% |
| 82  | 4-(1,1,3,3-tetramethylbutyl)phenol                                                                                                                                                                                                        | 140-66-9             | 0.01% |
| 83  | Calcium arsenate (*2)                                                                                                                                                                                                                     | 7778-44-1            | 0.01% |
| 84  | Trilead diarsenate (*2)                                                                                                                                                                                                                   | 3687-31-8            | 0.01% |
| 85  | N,N-dimethylacetamide (DMAC)                                                                                                                                                                                                              | 127-19-5             | 0.01% |
| 86  | Phenolphthalein                                                                                                                                                                                                                           | 77-09-8              | 0.01% |
| 87  | Lead dipicrate (*2)                                                                                                                                                                                                                       | 6477-64-1            | 0.01% |
| 88  | Lead diazide, Lead azide (*2)                                                                                                                                                                                                             | 13424-46-9           | 0.01% |
| 89  | Lead styphnate (*2)                                                                                                                                                                                                                       | 15245-44-0           | 0.01% |
| 90  | 1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)                                                                                                                                                                                          | 112-49-2             | 0.01% |
| 91  | 1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)                                                                                                                                                                                | 110-71-4             | 0.01% |
| 92  | Diboron trioxide (*2) (*5)                                                                                                                                                                                                                | 1303-86-2            | 0.01% |
| 93  | Formamide (FOR)                                                                                                                                                                                                                           | 75-12-7              | 0.01% |
| 94  | Lead(II) bis(methanesulfonate) (*2)                                                                                                                                                                                                       | 17570-76-2           | 0.01% |
| 95  | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)                                                                                                                                                                          | 2451-62-9            | 0.01% |
| 96  | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)                                                                                                                                                   | 59653-74-6           | 0.01% |
| 97  | 4,4'-bis(dimethylamino)benzophenone (Michler's ketone), MK                                                                                                                                                                                | 90-94-8              | 0.01% |
| 98  | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base), RMK                                                                                                                                                                       | 101-61-1             | 0.01% |
| 99  | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*2) | 2580-56-5            | 0.01% |
| 100 | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*9)                   | 548-62-9             |       |
| 101 | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*9)                                                                                    | 561-41-1             |       |
| 102 | α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*9)                                               | 6786-83-0            |       |
| 103 | Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)                                                                                                                                                                           | 1163-19-5            | 0.01% |
| 104 | Pentacosafuorotridecanoic acid                                                                                                                                                                                                            | 72629-94-8           | 0.01% |



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| 105 | Tricosafuorododecanoic acid                                                                                                                                                                                                                                                                                                                                          | 307-55-1                                                   | 0.01% |
| 106 | Henicosafuoroundecanoic acid                                                                                                                                                                                                                                                                                                                                         | 2058-94-8                                                  | 0.01% |
| 107 | Heptacosafuorotetradecanoic acid                                                                                                                                                                                                                                                                                                                                     | 376-06-7                                                   | 0.01% |
| 108 | Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) (*11)                                                                                                                                                                                                                                                                                                       | 123-77-3                                                   | 0.01% |
| 109 | Cyclohexane-1,2-dicarboxylic anhydride [1],<br>cis-cyclohexane-1,2-dicarboxylic anhydride [2],<br>trans-cyclohexane-1,2-dicarboxylic anhydride [3]<br>[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]                                                           | 85-42-7 /<br>13149-00-3 /<br>14166-21-3                    | 0.01% |
| 110 | Hexahydromethylphthalic anhydride (MHHPA) [1],<br>Hexahydro-4-methylphthalic anhydride [2],<br>Hexahydro-1-methylphthalic anhydride [3],<br>Hexahydro-3-methylphthalic anhydride [4]<br>[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] | 25550-51-0 /<br>19438-60-9 /<br>48122-14-1 /<br>57110-29-9 | 0.01% |
| 111 | N,N-dimethylformamide (DMF)                                                                                                                                                                                                                                                                                                                                          | 68-12-2                                                    | 0.01% |
| 112 | 1,2-Diethoxyethane                                                                                                                                                                                                                                                                                                                                                   | 629-14-1                                                   | 0.01% |
| 113 | Diethyl sulphate                                                                                                                                                                                                                                                                                                                                                     | 64-67-5                                                    | 0.01% |
| 114 | Methoxyacetic acid (MAA)                                                                                                                                                                                                                                                                                                                                             | 625-45-6                                                   | 0.01% |
| 115 | Dimethyl sulphate                                                                                                                                                                                                                                                                                                                                                    | 77-78-1                                                    | 0.01% |
| 116 | N-methylacetamide                                                                                                                                                                                                                                                                                                                                                    | 79-16-3                                                    | 0.01% |
| 117 | Furan                                                                                                                                                                                                                                                                                                                                                                | 110-00-9                                                   | 0.01% |
| 118 | Methyloxirane (Propylene oxide)                                                                                                                                                                                                                                                                                                                                      | 75-56-9                                                    | 0.01% |
| 119 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine                                                                                                                                                                                                                                                                                                                   | 143860-04-2                                                | 0.01% |
| 120 | Dibutyltin dichloride (DBTC) (*15)                                                                                                                                                                                                                                                                                                                                   | 683-18-1                                                   | 0.01% |
| 121 | Dinoseb (6-sec-butyl-2,4-dinitrophenol)                                                                                                                                                                                                                                                                                                                              | 88-85-7                                                    | 0.01% |
| 122 | 4,4'-methylenedi-o-toluidine                                                                                                                                                                                                                                                                                                                                         | 838-88-0                                                   | 0.01% |
| 123 | 4,4'-oxydianiline and its salts                                                                                                                                                                                                                                                                                                                                      | 101-80-4                                                   | 0.01% |
| 124 | 4-Aminoazobenzene                                                                                                                                                                                                                                                                                                                                                    | 60-09-3                                                    | 0.01% |
| 125 | 4-methyl-m-phenylenediamine (toluene-2,4-diamine)                                                                                                                                                                                                                                                                                                                    | 95-80-7                                                    | 0.01% |
| 126 | 6-methoxy-m-toluidine (p-cresidine)                                                                                                                                                                                                                                                                                                                                  | 120-71-8                                                   | 0.01% |
| 127 | Biphenyl-4-ylamine                                                                                                                                                                                                                                                                                                                                                   | 92-67-1                                                    | 0.01% |
| 128 | o-aminoazotoluene                                                                                                                                                                                                                                                                                                                                                    | 97-56-3                                                    | 0.01% |
| 129 | o-Toluidine                                                                                                                                                                                                                                                                                                                                                          | 95-53-4                                                    | 0.01% |
| 130 | Acetic acid, lead salt, basic (*2)                                                                                                                                                                                                                                                                                                                                   | 51404-69-4                                                 | 0.01% |
| 131 | Trilead bis(carbonate) dihydroxide (*2)                                                                                                                                                                                                                                                                                                                              | 1319-46-6                                                  | 0.01% |
| 132 | Lead oxide sulfate (*2)                                                                                                                                                                                                                                                                                                                                              | 12036-76-9                                                 | 0.01% |
| 133 | [Phthalato(2-)]dioxotrilead (*2)                                                                                                                                                                                                                                                                                                                                     | 69011-06-9                                                 | 0.01% |
| 134 | Dioxobis(stearato)trilead (*2)                                                                                                                                                                                                                                                                                                                                       | 12578-12-0                                                 | 0.01% |
| 135 | Fatty acids, C16-18, lead salts (*2)                                                                                                                                                                                                                                                                                                                                 | 91031-62-8                                                 | 0.01% |
| 136 | Lead bis(tetrafluoroborate) (*2)                                                                                                                                                                                                                                                                                                                                     | 13814-96-5                                                 | 0.01% |
| 137 | Lead cyanamidate (*2)                                                                                                                                                                                                                                                                                                                                                | 20837-86-9                                                 | 0.01% |
| 138 | Lead dinitrate (*2)                                                                                                                                                                                                                                                                                                                                                  | 10099-74-8                                                 | 0.01% |
| 139 | Lead monoxide (lead oxide) (*2)                                                                                                                                                                                                                                                                                                                                      | 1317-36-8                                                  | 0.01% |
| 140 | Orange lead (lead tetroxide) (*2)                                                                                                                                                                                                                                                                                                                                    | 1314-41-6                                                  | 0.01% |
| 141 | Lead titanium trioxide (*2)                                                                                                                                                                                                                                                                                                                                          | 12060-00-3                                                 | 0.01% |
| 142 | Lead titanium zirconium oxide (*2)                                                                                                                                                                                                                                                                                                                                   | 12626-81-2                                                 | 0.01% |

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| 143 | Pyrochlore, antimony lead yellow (*2)                                                                                                                                                                                                                                                                                                                                          | 8012-00-8                           | 0.01% |
| 144 | Pentalead tetraoxide sulphate (*2)                                                                                                                                                                                                                                                                                                                                             | 12065-90-6                          | 0.01% |
| 145 | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD), the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] (*2) | 68784-75-8                          | 0.01% |
| 146 | Silicic acid, lead salt (*2)                                                                                                                                                                                                                                                                                                                                                   | 11120-22-2                          | 0.01% |
| 147 | Sulfurous acid, lead salt, dibasic (*2)                                                                                                                                                                                                                                                                                                                                        | 62229-08-7                          | 0.01% |
| 148 | Tetraethyllead (*2)                                                                                                                                                                                                                                                                                                                                                            | 78-00-2                             | 0.01% |
| 149 | Tetralead trioxide sulphate (*2)                                                                                                                                                                                                                                                                                                                                               | 12202-17-4                          | 0.01% |
| 150 | Trilead dioxide phosphonate (*2)                                                                                                                                                                                                                                                                                                                                               | 12141-20-7                          | 0.01% |
| 151 | Ammonium pentadecafluorooctanoate (APFO) (*12)                                                                                                                                                                                                                                                                                                                                 | 3825-26-1                           | 0.01% |
| 152 | Pentadecafluorooctanoic acid (PFOA)                                                                                                                                                                                                                                                                                                                                            | 335-67-1                            | 0.01% |
| 153 | Cadmium (*2)                                                                                                                                                                                                                                                                                                                                                                   | 7440-43-9                           | 0.01% |
| 154 | Cadmium oxide (*2)                                                                                                                                                                                                                                                                                                                                                             | 1306-19-0                           | 0.01% |
| 155 | 4-Nonylphenol, branched and linear, ethoxylated (NPEO) [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]                                     | -                                   | 0.01% |
| 156 | Imidazolidine-2-thione; (2-imidazoline-2-thiol)                                                                                                                                                                                                                                                                                                                                | 96-45-7                             | 0.01% |
| 157 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)                                                                                                                                                                                                                                                                     | 573-58-0                            | 0.01% |
| 158 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)                                                                                                                                                                                                                           | 1937-37-7                           | 0.01% |
| 159 | Lead di(acetate) (*2)                                                                                                                                                                                                                                                                                                                                                          | 301-04-2                            | 0.01% |
| 160 | Cadmium sulphide (*2)                                                                                                                                                                                                                                                                                                                                                          | 1306-23-6                           | 0.01% |
| 161 | Cadmium chloride (*2)                                                                                                                                                                                                                                                                                                                                                          | 10108-64-2                          | 0.01% |
| 162 | Cadmium fluoride (*2)                                                                                                                                                                                                                                                                                                                                                          | 7790-79-6                           | 0.01% |
| 163 | Cadmium sulphate (*2)                                                                                                                                                                                                                                                                                                                                                          | 10124-36-4 / 31119-53-6             | 0.01% |
| 164 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) (*13)                                                                                                                                                                                                                                                                                   | 15571-58-1                          | 0.01% |
| 165 | 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) (*14)                                                                                                             | -                                   | 0.01% |
| 166 | 1,3-propanesultone (1,3-PS)                                                                                                                                                                                                                                                                                                                                                    | 1120-71-4                           | 0.01% |
| 167 | Nitrobenzene                                                                                                                                                                                                                                                                                                                                                                   | 98-95-3                             | 0.01% |
| 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts                                                                                                                                                                                                                                                                                                                    | 375-95-1<br>21049-39-8<br>4149-60-4 | 0.01% |
| 169 | Benzo[def]chrysene (Benzo[a]pyrene)                                                                                                                                                                                                                                                                                                                                            | 50-32-8                             | 0.01% |
| 170 | 4,4'-isopropylidenediphenol (bisphenol A) (BPA)                                                                                                                                                                                                                                                                                                                                | 80-05-7                             | 0.01% |
| 171 | Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts                                                                                                                                                                                                                                                                                                           | 335-76-2<br>3830-45-3<br>3108-42-7  | 0.01% |
| 172 | 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]                                                                              | -                                   | 0.01% |
| 173 | p-(1,1-dimethylpropyl)phenol                                                                                                                                                                                                                                                                                                                                                   | 80-46-6                             | 0.01% |
| 174 | Perfluorohexane-1-sulfonic acid and its salts (PFHxS)                                                                                                                                                                                                                                                                                                                          | -                                   | 0.01% |

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| 175 | Chrysene                                                                                                                                                                                                           | 218-01-9    | 0.01% |
| 176 | Benzo[a]anthracene                                                                                                                                                                                                 | 56-55-3     | 0.01% |
| 177 | Cadmium nitrate(*2)                                                                                                                                                                                                | 10325-94-7  | 0.01% |
| 178 | Cadmium hydroxide(*2)                                                                                                                                                                                              | 21041-95-2  | 0.01% |
| 179 | Cadmium carbonate(*2)                                                                                                                                                                                              | 513-78-0    | 0.01% |
| 180 | 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]         | -           | 0.01% |
| 181 | Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]                                         | -           | 0.01% |
| 182 | Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)                                                                                                                                        | 552-30-7    | 0.01% |
| 183 | Dicyclohexyl phthalate (DCHP)                                                                                                                                                                                      | 84-61-7     | 0.01% |
| 184 | Terphenyl, hydrogenated                                                                                                                                                                                            | 61788-32-7  | 0.01% |
| 185 | Octamethylcyclotetrasiloxane (D4)                                                                                                                                                                                  | 556-67-2    | 0.01% |
| 186 | Decamethylcyclopentasiloxane (D5)                                                                                                                                                                                  | 541-02-6    | 0.01% |
| 187 | Dodecamethylcyclohexasiloxane (D6)                                                                                                                                                                                 | 540-97-6    | 0.01% |
| 188 | Ethylenediamine (EDA)                                                                                                                                                                                              | 107-15-3    | 0.01% |
| 189 | Lead(*2)                                                                                                                                                                                                           | 7439-92-1   | 0.01% |
| 190 | Disodium octaborate (*2)(*5)                                                                                                                                                                                       | 12008-41-2  | 0.01% |
| 191 | Benzo[ghi]perylene                                                                                                                                                                                                 | 191-24-2    | 0.01% |
| 192 | 2,2-bis(4'-hydroxyphenyl)-4-methylpentane                                                                                                                                                                          | 6807-17-6   | 0.01% |
| 193 | Benzo[k]fluoranthene                                                                                                                                                                                               | 207-08-9    | 0.01% |
| 194 | Fluoranthene                                                                                                                                                                                                       | 206-44-0    | 0.01% |
| 195 | Phenanthrene                                                                                                                                                                                                       | 85-01-8     | 0.01% |
| 196 | Pyrene                                                                                                                                                                                                             | 129-00-0    | 0.01% |
| 197 | 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan- 2-one                                                                                                                                                     | 15087-24-8  | 0.01% |
| 198 | 2-methoxyethyl acetate                                                                                                                                                                                             | 110-49-6    | 0.01% |
| 199 | Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)                                                                                             | -           | 0.01% |
| 200 | 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)                                                       | -           | 0.01% |
| 201 | 4-tert-butylphenol (PTBP)                                                                                                                                                                                          | 98-54-4     | 0.01% |
| 202 | Diisohexyl phthalate (DiHexP)                                                                                                                                                                                      | 71850-09-4  | 0.01% |
| 203 | 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone                                                                                                                                                                | 119313-12-1 | 0.01% |
| 204 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one                                                                                                                                                           | 71868-10-5  | 0.01% |
| 205 | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                                                                                                 | -           | 0.01% |
| 206 | 1-vinylimidazole                                                                                                                                                                                                   | 1072-63-5   | 0.01% |
| 207 | 2-methylimidazole                                                                                                                                                                                                  | 693-98-1    | 0.01% |
| 208 | Butyl 4-hydroxybenzoate                                                                                                                                                                                            | 94-26-8     | 0.01% |
| 209 | Dibutylbis(pentane-2,4-dionato-O,O')tin(*15)                                                                                                                                                                       | 22673-19-4  | 0.01% |
| 210 | Bis(2-(2-methoxyethoxy)ethyl)ether                                                                                                                                                                                 | 143-24-8    | 0.01% |
| 211 | Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety (*13) | -           | 0.01% |
| 212 | 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers                                                                                                                                             | -           | 0.01% |
| 213 | Orthoboric acid, sodium salt (*2) (*5)                                                                                                                                                                             | 13840-56-7  | 0.01% |

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| 214 | 2,2-bis(bromomethyl)propane-1,3-diol (BMP)<br>2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)<br>2,3-dibromo-1-propanol (2,3-DBPA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3296-90-0 /<br>36483-57-5 /<br>1522-92-5 /<br>96-13-9                                                     | 0.01% |
| 215 | Glutaral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 111-30-8                                                                                                  | 0.01% |
| 216 | Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                                         | 0.01% |
| 217 | Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                                         | 0.01% |
| 218 | 1,4-dioxane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 123-91-1                                                                                                  | 0.01% |
| 219 | 4,4'-(1-methylpropylidene)bisphenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 77-40-7                                                                                                   | 0.01% |
| 220 | tris(2-methoxyethoxy)vinylsilane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1067-53-4                                                                                                 | 0.01% |
| 221 | S-(tricyclo(5.2.1.0 <sup>2,6</sup> )deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 255881-94-8                                                                                               | 0.01% |
| 222 | 6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 119-47-1                                                                                                  | 0.01% |
| 223 | (±)-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)<br><br>(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one<br>(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one<br>(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one | -<br>1782069-81-1<br>95342-41-9<br>852541-25-4<br>36861-47-9<br>741687-98-9<br>852541-30-1<br>852541-21-0 | 0.01% |
| 224 | N-(hydroxymethyl)acrylamide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 924-42-5                                                                                                  | 0.01% |
| 225 | 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 37853-59-1                                                                                                | 0.01% |
| 226 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 79-94-7                                                                                                   | 0.01% |
| 227 | 4,4'-sulphonyldiphenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 80-09-1                                                                                                   | 0.01% |
| 228 | Barium diboron tetraoxide(*2) (*5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 13701-59-2                                                                                                | 0.01% |
| 229 | Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                         | 0.01% |
| 230 | Isobutyl 4-hydroxybenzoate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4247-02-3                                                                                                 | 0.01% |
| 231 | Melamine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 108-78-1                                                                                                  | 0.01% |
| 232 | Perfluoroheptanoic acid and its salts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                                         | 0.01% |
| 233 | reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropyl-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                                         | 0.01% |
| 234 | bis(4-chlorophenyl) sulphone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80-07-9                                                                                                   | 0.01% |
| 235 | Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (TPO)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 75980-60-8                                                                                                | 0.01% |
| 236 | Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol<br>Phenol, methylstyrenated EC / List no: 270-966-8   CAS no: 68512-30-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                                         | 0.01% |
| 237 | Bumetrizole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3896-11-5                                                                                                 | 0.01% |
| 238 | 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 119344-86-4                                                                                               | 0.01% |
| 239 | 2-(2H-benzotriazol-2-yl)-4-(1,1,1,3,3-tetramethylbutyl)phenol (UV-329)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3147-75-9                                                                                                 | 0.01% |
| 240 | 2,4,6-tri-tert-butylphenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 732-26-3                                                                                                  | 0.01% |
| 241 | Bis(α,α-dimethylbenzyl) peroxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 80-43-3                                                                                                   | 0.01% |

## Remark:

- (\*2) The substances are tested and calculated in terms of its respective elements and to the worst-case scenario. The report states the theoretical value of SVHC substances without consideration of the actual occurrence in the article.
- (\*3) The substances are tested and calculated in terms of Cr (VI).
- (\*4) The substance is tested and calculated in terms of Tributyl tin.
- (\*5) The substances are tested and calculated in terms of boron element and the boron element may come from the compounds other than SVHCs.
- (\*6) The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological materials), which are identified by its main constituents.

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- (\*7) Individual concentrations to the constituent of UVCB with an amount of < 0.01% were not considered by the calculation of the sum.
- (\*8) The test results are based on microscopic and chemical evaluation.
- (\*9) The substances are quantified in terms of Michler's ketone and Michler's base by LC-MS, as Michler's ketone or Michler's base was found exceeds 0.01%.
- (\*10) The content oligomer is determined by Py-GC/MS.
- (\*11) The content of diazene-1,2-dicarboxamide is analyzed in terms of its breakdown product.
- (\*12) The substance is tested in terms of pentadecafluorooctanoate.
- (\*13) The substance is tested and calculated in terms of Dioctyl tin.
- (\*14) The substance is tested and calculated in terms of Monooctyl tin and Dioctyl tin.
- (\*15) The substance is tested and calculated in terms of Dibutyl tin

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Sample Photos



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- END -