



**TEST REPORT** Job No./Report No TR1645109-RV1

Date:3 December 2019 Page 1 of 14

**LIQUID TECHNOLOGIES SP. Z O.O.**

ul. Jozefa Chelmonskiego 12 51-630 Wroclaw

TEL: -

**To the attention of PI Trad**

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

SGS Job No. : 1645109-RV1  
Product Name : HVAC Internal Bioclean  
Date of Sample Received : 20 November 2019  
Resubmit Date : 03 December 2019  
Testing Period : 20 November 2019 – 29 November 2019

Test Requested :

As requested by client, SVHC screening is performed according to:

- Two hundred and one (201) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before July 16, 2019 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Result(s) : Please refer to next page(s).

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Unless otherwise requested SGS applies shared risk decision rule

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days"

In this Test Report tests marked (1) are included in the IAS Accreditation Scope of this Laboratory. Opinions and interpretations expressed herein are outside the scope of IAS Accreditation.

SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Bağlar Mah. Osmanpaşa Cad. No:95 İş İstanbul Plaza A Girişi Güneşli 34209 İstanbul Türkiye  
t +90 212 368 40 00 f +90 212 296 47 82-83 e sgs.turkey@sgs.com w www.sgs.com.tr

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Summary :

According to the specified scope and analytical techniques, concentrations of tested SVHC are  $\leq 0.1\%$  (w/w) in the submitted sample.

PASS

The test results relate to the tested items only.  
Test reports without SGS seal and authorised signatures are invalid.  
Reported results do not include uncertainties.

**NOTE: IN THIS REVISED-1 REPORT, SAMPLE DESCRIPTION WAS CORRECTED BY THE REQUEST OF THE APPLICANT.**

**THIS REPORT SUPERSEDES OUR REPORT NO: 1645109 DATED 29.11.2019**

Issued in Istanbul  
Signed for and on behalf of  
SGS Supervise Gözetme Etüd  
Kontrol Servisleri A.Ş.

Uğur Yılmaz  
Hardline & CPCH Customer Services Team Leader

Bora Şirinbilek  
Section Manager



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**Remark :**

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

- <https://echa.europa.eu/candidate-list-table>(Candidate list)

The lists are under evaluation by ECHA and may subject to change in the future.

2. In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).
3. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.
4. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

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## TEST REPORT

Job No./Report No TR1645109-RV1

Date:3 December 2019 Page 4 of 14

### Test Sample :

#### Sample Description :

A. HVAC Internal Bioclean

### Test Component Part:

1 Green other material liquid item

Sample	Group No.	Component Description	Remark
A	1	A1	-

#### Remarks:

1. INS = Insufficient sample for testing
2. The coating / printed material is tested together with the base substrate, the test result is the actual concentration from laboratory testing

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Bağlar Mah. Osmanpaşa Cad. No:95 İş İstanbul Plaza A Girişi Güneşli 34209 İstanbul Türkiye  
t +90 212 368 40 00 f +90 212 296 47 82-83 e sgs.turkey@sgs.com w www.sgs.com.tr

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**Appendix**
**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Oct 28, 2008**

No.	Substance Name	CAS No./ EC No.
1	4,4'-Diaminodiphenylmethane (MDA)	101-77-9/ 202-974-4
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8/ 287-476-5
5	Benzyl butyl phthalate (BBP)	85-68-7/ 201-622-7
7	Bis(tributyltin)oxide (TBTO)	56-35-9/ 200-268-0
9	Diarsenic pentaoxide*	1303-28-2/ 215-116-9
11	Dibutyl phthalate (DBP)	84-74-2/ 201-557-4
13	Lead hydrogen arsenate*	7784-40-9/ 232-064-2
15	Triethyl arsenate*	15606-95-8/ 427-

No.	Substance Name	CAS No./ EC No.
2	5-tert-butyl-2,4,6-trinitro- <i>m</i> -xylene (musk xylene)	81-15-2/ 201-329-4
4	Anthracene	120-12-7/ 204-371-1
6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7/ 204-211-0
8	Cobalt dichloride*	7646-79-9/ 231-589-4
10	Diarsenic trioxide*	1327-53-3/ 215-481-4
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	25637-99-4/ 247-148-4; 3194-55-6/ 221-695-9; (134237-50-6/- ; 134237-51-7/-; 134237-52-8/-)
14	Sodium dichromate*	7789-12-0 10588-01-9/ 234-190-3

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 13, 2010**

No.	Substance Name	CAS No./ EC No.
16	2,4-Dinitrotoluene	121-14-2/ 204-450-0
18	Anthracene oil, anthracene paste*	90640-81-6/ 292-603-2
20	Anthracene oil, anthracene paste; distn. Lights*	91995-17-4/ 295-278-5
22	Diisobutyl phthalate	84-69-5/ 201-553-2
24	Lead chromate*	7758-97-6/ 231-846-0
26	Pitch, coal tar, high temp.*	65996-93-2/ 266-028-2

No.	Substance Name	CAS No./ EC No.
17	Anthracene oil*	90640-80-5/ 292-602-7
19	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2/ 295-275-9
21	Anthracene oil, anthracene-low*	90640-82-7/ 292-604-8
23	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8/ 235-759-9
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2/ 215-693-7
27	Tris(2-chloroethyl)phosphate	115-96-8/ 204-118-5

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Mar 30, 2010**

No.	Substance Name	CAS No./ EC No.
28	Acrylamide	79-06-1/ 201-173-7

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 18, 2010**

No.	Substance Name	CAS No./ EC No.
29	Ammonium dichromate*	7789-09-5/ 232-143-1
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4
33	Potassium dichromate*	7778-50-9/ 231-906-6
35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1/ 235-541-3

No.	Substance Name	CAS No./ EC No.
30	Boric acid*	10043-35-3/ 233-139-2; 11113-50-1/ 234-343-4
32	Potassium chromate*	7789-00-6/ 232-140-5
34	Sodium chromate*	7775-11-3/ 231-889-5
36	Trichloroethylene	79-01-6/ 201-167-4

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 15, 2010**

No.	Substance Name	CAS No./ EC No.
37	2-Ethoxyethanol	110-80-5/ 203-804-1
39	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid*	7738-94-5/ 231-801-5; 13530-68-2/ 236-881-5
41	Cobalt(II) carbonate*	513-79-1/ 208-169-4
43	Cobalt(II) dinitrate*	10141-05-6/ 233-402-1

No.	Substance Name	CAS No./ EC No.
38	2-Methoxyethanol	109-86-4/ 203-713-7
40	Chromium trioxide*	1333-82-0/ 215-607-8
42	Cobalt(II) diacetate*	71-48-7/ 200-755-8
44	Cobalt(II) sulphate*	10124-43-3/ 233-334-2

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2011**

No.	Substance Name	CAS No./ EC No.
45	1,2,3-Trichloropropane	96-18-4/ 202-486-1
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4/ 271-084-6
49	2-Ethoxyethyl acetate	111-15-9/ 203-839-2
51	Strontium chromate*	7789-06-2/ 232-142-6

No.	Substance Name	CAS No./ EC No.
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6/ 276-158-1
48	1-Methyl-2-pyrrolidone	872-50-4/ 212-828-1
50	Hydrazine	7803-57-8 302-01-2/ 206-114-9

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2011**

No.	Substance Name	CAS No./ EC No.
52	1,2-Dichloroethane	107-06-2/ 203-458-1
54	2-Methoxyaniline	90-04-0/ 201-963-1
56	Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)
58	Bis(2-methoxyethyl) ether	111-96-6/ 203-924-4
60	Calcium arsenate*	7778-44-1/ 231-904-5
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4/ 500-036-1
64	Lead dipicrate*	6477-64-1/ 229-335-2
66	N,N-dimethylacetamide (DMAC)	127-19-5/ 204-826-4
68	Phenolphthalein	77-09-8/ 201-004-7
70	Trilead diarsenate*	3687-31-8/ 222-979-5

No.	Substance Name	CAS No./ EC No.
53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4/ 202-918-9
55	4-tert-Octylphenol	140-66-9/ 205-426-2
57	Arsenic acid*	7778-39-4/ 231-901-9
59	Bis(2-methoxyethyl) phthalate	117-82-8/ 204-212-6
61	Dichromium tris(chromate)*	24613-89-6/ 246-356-2
63	Lead diazide*	13424-46-9/ 236-542-1
65	Lead styphnate*	15245-44-0/ 239-290-0
67	Pentazinc chromate octahydroxide*	49663-84-5/ 256-418-0
69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9/ 234-329-8
71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 18, 2012**

No.	Substance Name	CAS No./ EC No.
72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5/ 219-943-6
74	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2/ 203-977-3
76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8/ 202-027-5
78	Diboron trioxide*	1303-86-2/ 215-125-8
80	Lead(II) bis(methanesulfonate)*	17570-76-2/ 401-750-5
82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9/ 219-514-3
84	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6/ 423-400-0

No.	Substance Name	CAS No./ EC No.
73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9/ 208-953-6
75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9
77	4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol	561-41-1/ 209-218-2
79	Formamide	75-12-7/ 200-842-0
81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2
83	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0/ 229-851-8

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2012**

No.	Substance Name	CAS No./ EC No.
85	[Phthalato(2-)]dioxotrilead*	69011-06-9/ 273-688-5
87	1,2-Diethoxyethane	629-14-1/ 211-076-1
89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2/ 421-150-7
91	4,4'-Methylenedi- <i>o</i> -toluidine	838-88-0/ 212-658-8
93	4-Aminoazobenzene	60-09-3/ 200-453-6
95	4-Nonylphenol, branched and linear	-
97	Acetic acid, lead salt, basic*	51404-69-4/ 257-175-3
99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5/ 214-604-9
101	Dibutyltin dichloride (DBT)	683-18-1/ 211-670-0
103	Diisopentylphthalate (DIPP)	605-50-5/ 210-088-4
105	Dinoseb	88-85-7/ 201-861-7
107	Fatty acids, C16-18, lead salts*	91031-62-8/ 292-966-7
109	Henicosaflluoroundecanoic acid	2058-94-8/ 218-165-4
111	Hexahydro-2-benzofuran-1,3-dione, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7/ 201-604-9; 13149-00-3/ 236-086-3; 14166-21-3/ 238-009-9
113	Lead bis(tetrafluoroborate)*	13814-96-5/ 237-486-0
115	Lead dinitrate*	10099-74-8/ 233-245-9
117	Lead oxide sulphate*	12036-76-9/ 234-853-7
119	Lead titanium trioxide*	12060-00-3/ 235-038-9
121	Methoxyacetic acid	625-45-6/ 210-894-6
123	N-Methylacetamide	79-16-3/ 201-182-6
125	<i>o</i> -Aminoazotoluene	97-56-3/ 202-591-2
127	Pentacosaflluorotridecanoic acid	72629-94-8/ 276-745-2

No.	Substance Name	CAS No./ EC No.
86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0/ 284-032-2
88	1-Bromopropane	106-94-5/ 203-445-0
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-
92	4,4'-Oxydianiline	101-80-4/ 202-977-0
94	4-Methyl- <i>m</i> -phenylenediamine	95-80-7/ 202-453-1
96	6-Methoxy- <i>m</i> -toluidine	120-71-8/ 204-419-1
98	Biphenyl-4-ylamine	92-67-1/ 202-177-1
100	C,C'-azodi(formamide) (ADCA)	123-77-3/ 204-650-8
102	Diethyl sulphate	64-67-5/ 200-589-6
104	Dimethyl sulphate	77-78-1/ 201-058-1
106	Dioxobis(stearato)trilead*	12578-12-0/ 235-702-8
108	Furan	110-00-9/ 203-727-3
110	Heptacosaflluorotetradecanoic acid	376-06-7/ 206-803-4
112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0/ 247-094-1; 19438-60-9/ 243-072-0; 48122-14-1/ 256-356-4; 57110-29-9/ 260-566-1
114	Lead cyanamidate*	20837-86-9/ 244-073-9
116	Lead monoxide*	1317-36-8/ 215-267-0
118	Lead tetroxide*	1314-41-6/ 215-235-6
120	Lead titanium zirconium oxide*	12626-81-2/ 235-727-4
122	N,N-Dimethylformamide	68-12-2/ 200-679-5
124	N-Pentyl-isopentylphthalate	776297-69-9 /-
126	<i>o</i> -Toluidine	95-53-4/ 202-429-0
128	Pentalead tetraoxide sulphate*	12065-90-6/ 235-067-7



No.	Substance Name	CAS No./ EC No.
129	Propylene oxide	75-56-9/ 200-879-2
131	Silicic acid, barium salt, lead-doped*	68784-75-8/ 272-271-5
133	Sulfurous acid, lead salt, dibasic*	62229-08-7/ 263-467-1
135	Tetralead trioxide sulphate*	12202-17-4/ 235-380-9
137	Trilead bis(carbonate)dihydroxide*	1319-46-6/ 215-290-6

No.	Substance Name	CAS No./ EC No.
130	Pyrochlore, antimony lead yellow*	8012-00-8/ 232-382-1
132	Silicic acid, lead salt*	11120-22-2/ 234-363-3
134	Tetraethyllead*	78-00-2/ 201-075-4
136	Tricosafuorododecanoic acid	307-55-1/ 206-203-2
138	Trilead dioxide phosphonate*	12141-20-7/ 235-252-2

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2013**

No.	Substance Name	CAS No./ EC No.
139	4-Nonylphenol, branched and linear, ethoxylated	-
141	Cadmium	7440-43-9/ 231-152-8
143	Di-n-pentyl phthalate	131-18-0/ 205-017-9

No.	Substance Name	CAS No./ EC No.
140	Ammoniumpentadecafluoro octanoate (APFO)	3825-26-1/ 223-320-4
142	Cadmium oxide*	1306-19-0/ 215-146-2
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 16, 2013**

No.	Substance Name	CAS No./ EC No.
145	Cadmium sulphide*	1306-23-6/ 215-147-8
147	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0/ 209-358-4
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7/ 202-506-9
151	Trixylyl phosphate	25155-23-1/ 246-677-8

No.	Substance Name	CAS No./ EC No.
146	Dihexyl phthalate	84-75-3/ 201-559-5
148	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/ 217-710-3
150	Lead di(acetate)*	301-04-2/ 206-104-4

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 16, 2014**

No.	Substance Name	CAS No./ EC No.
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4/ 271-093-5
154	Sodium perborate; perboric acid, sodium salt*	- / 234-390-0; 239-172-9

No.	Substance Name	CAS No./ EC No.
153	Cadmium chloride*	10108-64-2/ 233-296-7
155	Sodium peroxometaborate*	7632-04-4/ 231-556-4

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 17, 2014**

No.	Substance Name	CAS No./ EC No.
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7 / 223-346-6
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1 / 239-622-4
160	Cadmium fluoride*	7790-79-6 / 232-222-0

No.	Substance Name	CAS No./ EC No.
157	2-(2H-benzotriazol-2-yl)-4,6-dite rtpentylphenol (UV-328)	25973-55-1 / 247-384-8
159	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa- 3,5-dithia-4-stannatetradecanoat e and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy] -2-oxoethyl]thio]-4-octyl-7-oxo-8- oxa-3,5-dithia-4-stannatetradeca noate (reaction mass of DOTE and MOTE)	-
161	Cadmium sulphate*	10124-36-4; 31119-53-6 / 233-331-6

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun15, 2015**

No.	Substance Name	CAS No./ EC No.
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1/ 271-094-0; 272-013-1

No.	Substance Name	CAS No./ EC No.
163	5-sec-butyl-2-(2,4-dimethylcyclo hex-3-en-1-yl)-5-methyl-1,3-diox ane [1], 5-sec-butyl-2-(4,6-dimethylcyclo hex-3-en-1-yl)-5-methyl-1,3-diox ane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 17, 2015,**

No.	Substance Name	CAS No./ EC No.
164	1,3-propanesultone	1120-71-4 / 214-317-9
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl) -6-(sec-butyl)phenol (UV-350)	36437-37-3 / 253-037-1
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hep tadecafluorononanoic acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4 / 206-801-3

No.	Substance Name	CAS No./ EC No.
165	2,4-di-tert-butyl-6-(5-chlorobenz otriazol-2-yl)phenol (UV-327)	3864-99-1 / 223-383-8
167	Nitrobenzene	98-95-3 / 202-716-0

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2016**

No.	Substance Name	CAS No./ EC No.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8 / 200-028-5

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 12, 2017**

No.	Substance Name	CAS No./ EC No.
170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7 / 201-245-8
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salt	335-76-2; 3830-45-3; 3108-42-7/ 206-400-3; -; 221-470-5

No.	Substance Name	CAS No./ EC No.
171	4-Heptylphenol, branched and linear	-
173	p-(1,1-dimethylpropyl)phenol	80-46-6 / 201-280-9

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 7, 2017**

No.	Substance Name	CAS No./ EC No.
174	Perfluorohexane-1-sulphonic acid and its salts	-

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2018**

No.	Substance Name	CAS No./ EC No.
175	Benz[a]anthracene	56-55-3; 1718-53-2/ 200-280-6
177	Cadmium hydroxide*	21041-95-2/ 244-168-5
179	Chrysene	218-01-9; 1719-03-5/ 205-923-4
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]	-

No.	Substance Name	CAS No./ EC No.
176	Cadmium carbonate*	513-78-0/ 208-168-9
178	Cadmium nitrate*	10022-68-1; 10325-94-7/ 233-710-6
180	Dodecachloropentacyclo[12.2.1.1 <sup>6,9</sup> .0 <sup>2,13</sup> .0 <sup>5,10</sup> ]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its individual anti- and syn-isomers or any combination thereof]	-

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 27, 2018**

No.	Substance Name	CAS No./ EC No.
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)	552-30-7 / 209-008-0
184	Decamethylcyclotrasiloxane (D5)	541-02-6 / 208-764-9
186	Disodium octaborate*	12008-41-2 / 234-541-0
188	Ethylenediamine (EDA)	107-15-3 / 203-468-6
190	Octamethylcyclotetrasiloxane (D4)	556-67-2 / 209-136-7

No.	Substance Name	CAS No./ EC No.
183	Benzo[ghi]perylene	191-24-2 / 205-883-8
185	Dicyclohexyl phthalate (DCHP)	84-61-7 / 201-545-9
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6 / 208-762-8
189	Lead	7439-92-1 / 231-100-4
191	Terphenyl, hydrogenated	61788-32-7 / 262-967-7

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2019**

No.	Substance Name	CAS No./ EC No.
192	2,2-Bis(4'-hydroxyphenyl)-4-methylp entane	6807-17-6 / 401-720-1
194	Fluoranthrene	206-44-0 / 205-912-4
196	Pyrene	129-00-0 / 204-927-3

No.	Substance Name	CAS No./ EC No.
193	Benzo[k]fluoranthene	207-08-9 / 205-916-6
195	Phenanthrene	85-01-8 / 201-581-5
197	Undecafluorohexanoic acid and its ammonium salt	307-24-4; 21615-47-4 / 206-196-6; 244-479-6

**Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 16, 2019**

No.	Substance Name	CAS No./ EC No.
198	2,3,3,3-Tetrafluoro-2-(heptafluoropro poxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	-
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-

No.	Substance Name	CAS No./ EC No.
199	2-Methoxyethyl acetate	110-49-6 / 203-772-9
201	4-tert-butylphenol	98-54-4 / 202-679-0

**Test Method :**

SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS &amp; GC-MS &amp; UV-VIS Spectrophotometer &amp; HPLC-DAD &amp; HPLC-MS &amp; Colorimetric Method

**Test Result (Per individual component) :**

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1
-	All SVHC	-	1	ND

**Notes :**

1. RL = Reporting Limit. All RL are based on homogenous material = 0.1%  
 ND = Not detected (lower than RL), ND is denoted on the SVHC substance.  
 NA^ = The submitted sample was found to contain significant amount of specific element(s) of SVHC. Upon further test verification and also information provided from client, the possibility that the element(s) content originate from SVHC is very unlikely, even though their presence cannot be excluded entirely. It may be assumed that the detected element(s) have a non-SVHC source.
2. \* The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.  
  
 The client is advised to review the chemical formulation to ascertain above metal substances present in the article.
3. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
4. Test result that shown as per test group is the actual concentration from laboratory testing. The test result is calculated by minimum sample weight. Confirmation testing is recommended as to understand the exact content of SVHC in each individual component.

## 1645109-RV1



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End of Test Report

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