REACH Compliance Declaration

Mar 1, 2025

The Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) is an EU initiative aimed to improve the protection of human health and the environment through safe usage of chemical substances contained within preparations and articles. With respect to the REACH initiative, we offer the following information regarding Goodwe Inverter, Batteries and IOT products:

1. Article 7 – Registration With regard to Article 7(1) of the REACH regulation, articles produced by Goodwe do not contain substances intended to be released under normal or reasonably foreseeable conditions of use and do not contain any Substances of Very High concern (SVHC) that exceed 1 ton per year. As such, Goodwe is not required to notify ECHA under Article 7(1).

2. Article 33 (1) – Communication of Substance Information Article 33(1) requires a supplier to inform its customers if an article contains a substance(s) on the Substances of Very High Concern (SVHC) Candidate List in excess of 0.1% weight by weight of that article. On Jan 21, 2025, ECHA increased the number of substances on the SVHC List to 247 substances. Goodwe continues to evaluate supplier and material composition declarations and through internal material review, Goodwe, to the best of its knowledge has determined, except for the (15) SVHC identified in Appendix 1, the other SVHC are not present above the 0.1% weight in any article of Goodwe's Inverter, Batteries and IOT products or packaging material.

3. Article 67 Substance Restrictions and Article 56 Authorization Under Articles 67 and 56, substances listed in Annex XVII and Annex XIV are restricted for use by application or require an authorization prior to use. Goodwe, to the best of its knowledge and belief, has determined that there are no known Annex XVII restricted substances or Annex XIV substances subject to authorization contained in Goodwe's Inverter, Batteries and IOT products and packaging.

For Approval

Name: 梁远志

Title: Quality Manager

GoodWe Technologies Co., Ltd.

Appendix 1 – REACH Statement (EC) No 1907/2008, (247 SVHC)

Article 33 of the REACH regulation requires companies to communicate the presence of any REACH Candidate List Substances within supplied articles above the 0.1% by weight threshold. Goodwe has identified materials used within some of its products that may contain SVHC substances. These substances are disclosed as:

- Lead (CAS# 7439-92-1)
  For Inverter products identified as RoHS exempt, Lead is contained above the 0.1% by weight threshold.
- Octamethylcyclotetrasiloxane D4(CAS# 556-67-2)
  Some suppliers of a Communication Transformer used in some module products have reported use of Octamethylcyclotetrasiloxane D4 above the 0.1% by weight threshold.
  Some suppliers of a FAN Waterproof TERMINAL SILICONE RUBBER used in some module products have reported use of Octamethylcyclotetrasiloxane D4 above the 0.1% by weight threshold.
- N,N-dimethylacetamide (CAS#127-19-5)
  Some suppliers of an Industrial Frequency Inductor used in some module products have reported use of N,N-dimethylacetamide above the 0.1% by weight threshold.
- 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) (CAS#2451-62-9)
  Some suppliers of a Lighting Diode used in some module products have reported use of 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) above the 0.1% by weight threshold.
  Some suppliers of a Box used in some module products have reported use of 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) above the 0.1% by weight threshold.
  Some suppliers of a Cover Plate used in some module products have reported use of 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) above the 0.1% by weight threshold.
- Hexahydromethylphthalic anhydride (CAS#25550-51-0)
  Some suppliers of a Lighting Diode used in some module products have reported use of Hexahydromethylphthalic anhydride above the 0.1% by weight threshold.
- Hexahydro-4-methylphthalic anhydride (CAS#19438-60-9)
  Some suppliers of a Lighting Diode used in some module products have reported use of Hexahydro-4-methylphthalic anhydride above the 0.1% by weight threshold.
- Bis(2-methoxyethyl) phthalate(CAS#117-82-8)
  Some suppliers of a Connection Terminal used in some module products have reported use of Bis(2-methoxyethyl) phthalate above the 0.1% by weight threshold.
- 2-methylimidazole(CAS#693-98-1)
  Some suppliers of a Relay used in some module products have reported use of 2-methylimidazole above the 0.1% by weight threshold.
- Boric acid(CAS#10043-35-3),Disodium tetraborate, anhydrous(CAS#12179-04-3),Disodium

tetraborate,anhydrous(CAS#1303-96-4),Disodiumtetraborate,anhydrous(CAS#1330-43-4),Tetraborondisodiumheptaoxide,hydrate(CAS#12267-73-1),Diborontrioxide(CAS#1303-86-2),Disodium octaborate(CAS#12008-41-2),Orthoboric acid, sodium salt(CAS#13840-56-7)

Some suppliers of a LCD used in some module products have reported use of Boric acid,Disodium tetraborate, anhydrous,Disodium tetraborate, anhydrous, Disodium tetraborate, anhydrous,Tetraboron disodium heptaoxide, hydrate,Diboron trioxide,Disodium octaborate and Orthoboric acid, sodium salt above the 0.1% by weight threshold.

- 4,4'-isopropylidenediphenol(CAS#80-05-7)
  Some suppliers of a Integrated circuit used in some module products have reported use of 4,4'-isopropylidenediphenol above the 0.1% by weight threshold.
- 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (CAS#110-71-4)
  Some Goodwe module products containing a Primary Battery may contain the SVHC, 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) as an electrolyte above the 0.1% weight/weight threshold.
- Melamine(CAS#108-78-1)
  Some suppliers of a transducer used in some module products have reported use of Melamine above the 0.1% by weight threshold.
  Some suppliers of a PCB used in some module products have reported use of Melamine above the 0.1% by weight threshold.
  Some suppliers of a DC Fan used in some module products have reported use of Melamine above the 0.1% by weight threshold.
- 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS#79-94-7)
  Some suppliers of a Signal line used in some module products have reported use of 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol above the 0.1% by weight threshold.
- Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide(CAS#75980-60-8)
  Some suppliers of a Capacitor used in some module products have reported use of Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide above the 0.1% by weight threshold.
- Triphenyl phosphate(CAS#115-86-6)
  Some suppliers of a Support Bracket used in some module products have reported use of Triphenyl phosphate above the 0.1% by weight threshold.

Note: According to Article 33 of the REACH regulation concerning SVHC in articles, glass and ceramics, which have been classified as a UVCB substance (a substance of unknown or variable composition, complex reaction products or biological material), REACH obligations to communicate information for articles is not applicable. Diboron trioxide (CAS# 1303-86-2) and Lead monoxide (CAS# 1317-36-8) may exist in this form in some module products containing capacitors or resistors based on suppliers' material composition declarations. Goodwe may declare this substance in excess of 0.1% by weight, however, these substances do not exist in their original molecular form and cannot be released under normal or reasonably foreseeable conditions of use.

Appendix 2 - REACH CANDIDATE LIST (SVHC)

Item #	Substance Name	CAS #
28-Oct-2008	**Date of SVHC Inclusion**	
1	Anthracene	120-12-7
2	4,4'- Diaminodiphenylmethane	101-77-9
3	Dibutyl phthalate (DBP)	84-74-2
4	Cobalt dichloride	7646-79-9
5	Diarsenic pentaoxide	1303-28-2
6	Diarsenic trioxide	1327-53-3
7	Sodium dichromate	7789-12-0; 10588-01-9
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
10	Hexabromocyclododecane (HBCDD)	3194-55-6
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
12	Bis(tributyltin) oxide (BTBO)	56-35-9
13	Lead hydrogen arsenate	7784-40-9
14	Triethyl arsenate	15606-95-8
15	Benzyl butyl phthalate (BBP)	85-68-7
13-Jan- 2010	**Date of SVHC Inclusion**	
16	2,4-Dinitrotoluene	121-14-2
17	Anthracene oil	90640-80-5
18	Anthracene oil, anthracene paste	90640-81-6
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
20	Anthracene oil, anthracene paste,distn. lights	91995-17-4
21	Anthracene oil, anthracene-low	90640-82-7
22	Diisobutyl phthalate	84-69-5
23	Lead chromate	7758-97-6
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
26	Pitch, coal tar, high temp.	65996-93-2
27	Tris(2-chloroethyl)phosphate	115-96-8
30-Mar-2010	**Date of SVHC Inclusion**	
28	Acrylamide	79-06-1

18-Jun-2010 Date of SVHC Inclusion		
29	Trichloroethylene	79-01-6
30	Boric acid	10043-35-3
31	Disodium tetraborate, anhydrous	1330-43-4
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1
33	Sodium chromate	7775-11-3
34	Potassium chromate	7789-00-6
35	Ammonium dichromate	7789-09-5
36	Potassium dichromate	7778-50-9
15-Dec-2010 Date of SVHC Inclusion		
37	2-Ethoxyethanol	110-80-5
38	2-Methoxyethanol	109-86-4
39	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	7738-94-5; 13530-68-2
40	Chromium trioxide	1333-82-0
41	Cobalt(II) carbonate	513-79-1
42	Cobalt(II) diacetate	71-48-7
15-Dec-2010 Date of SVHC Inclusion		
43	Cobalt(II) dinitrate	10141-05-6
44	Cobalt(II) sulphate	10124-43-3

20-Jun-2011 Date of SVHC Inclusion		
45	1,2,3-Trichloropropane	96-18-4
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
48	1-Methyl-2-pyrrolidone	872-50-4
49	2-Ethoxyethyl acetate	111-15-9
50	Hydrazine	302-01-2, 7803-57-8
51	Strontium chromate	7789-06-2
19-Dec-2011 Date of SVHC Inclusion		
52	Dichromium tris(chromate)	24613-89-6
53	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9
54	Pentazinc chromate octahydroxide	49663-84-5

55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
58	Bis(2-methoxyethyl) phthalate	117-82-8
59	2-Methoxyaniline; o-Anisidine	90-04-0
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9
61	1,2-Dichloroethane	107-06-2
62	Bis(2-methoxyethyl) ether	111-96-6
63	Arsenic acid	7778-39-4
64	Calcium arsenate	7778-44-1
65	Trilead diarsenate	3687-31-8
66	N,N-dimethylacetamide (DMAC)	127-19-5
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
68	Phenolphthalein	77-09-8
69	Lead azide, Lead diazide	13424-46-9
70	Lead styphnate	15245-44-0
71	Lead dipicrate	6477-64-1
18-Jun-2012 Date of SVHC Inclusion		
72	[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)]	548-62-9
73	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)]	6786-83-0
74	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
75	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

Item #	Substance Name	CAS #
76	Diboron trioxide	1303-86-2
77	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
78	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)]	561-41-1

79	Lead(II) bis(methanesulfonate)	17570-76-2
80	Formamide	75-12-7
18-Jun-2012 Date of SVHC Inclusion		
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2, 5-dien1-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)]	2580-56-5
82	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
19-Dec-2012 Date of SVHC Inclusion		
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5
86	Pentacosafluorotridecanoic acid	72629-94-8
87	Tricosafluorododecanoic acid	307-55-1
88	Henicosafluoroundecanoic acid	2058-94-8
89	Heptacosafluorotetradecanoic acid	376-06-7
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3], [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7, 13149-00-3, 14166-21-3
92	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
93	4-Nonylphenol, branched and linear, [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated, [covering well-defined substances and UVCB substances, polymers and homologues]	-
95	Methoxyacetic acid	625-45-6

96	N,N-dimethylformamide	68-12-2
97	Dibutyltin dichloride (DBTC)	683-18-1
98	Lead monoxide (Lead oxide)	1317-36-8
99	Orange lead (Lead tetroxide)	1314-41-6
100	Lead bis(tetrafluoroborate)	13814-96-5
101	Trilead bis(carbonate)dihydroxide	1319-46-6
102	Lead titanium trioxide	12060-00-3
103	Lead titanium zirconium oxide	12626-81-2
104	Silicic acid, lead salt	11120-22-2
105	Silicic acid ($H_2Si_2O_5$), 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]	68784-75-8
106	1-bromopropane (n-propyl bromide)	106-94-5
107	Methyloxirane (Propylene oxide)	75-56-9
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5
110	N-pentyl-isopentylphthalate	776297-69-9
111	1,2-diethoxyethane	629-14-1
112	Acetic acid, lead salt, basic	51404-69-4
113	Lead oxide sulfate	12036-76-9
114	[Phthalato(2-)]dioxotrilead	69011-06-9
115	Dioxobis(stearato)trilead	12578-12-0
116	Fatty acids, C16-18, lead salts	91031-62-8
117	Lead cynamidate	20837-86-9
118	Lead dinitrate	10099-74-8
119	Pentalead tetraoxide sulphate	12065-90-6
120	Pyrochlore, antimony lead yellow	8012-00-8
121	Sulfurous acid, lead salt, dibasic	62229-08-7
122	Tetraethyllead	78-00-2
123	Tetralead trioxide sulphate	12202-17-4
124	Trilead dioxide phosphonate	12141-20-7
125	Furan	110-00-9
126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1

128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
129	Dinoseb (6-*sec*-butyl-2,4-dinitrophenol)	88-85-7
130	4,4'-methylenedi-*o*-toluidine	838-88-0
131	4,4'-oxydianiline and its salts	101-80-4
132	4-aminoazobenzene	60-09-3
133	4-methyl-*m*-phenylenediamine (toluene-2,4-diamine)	95-80-7
134	6-methoxy-*m*-toluidine (p-cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1
136	*o*-aminoazotoluene [(4-*o*-tolylazo-*o*-toluidine])	97-56-3
137	*o*-toluidine	95-53-4
138	N-methylacetamide	79-16-3

20-Jun-2013 Date of SVHC Inclusion		
139	Cadmium	7440-43-9
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1
142	Dipentyl phthalate (DPP)	131-18-0
143	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-
144	Cadmium oxide	1306-19-0

16-Dec-2013 Date of SVHC Inclusion		
145	Lead di(acetate)	301-04-2
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1sulphonate) (C.I. Direct Red 28)	573-58-0
147	Trixylyl phosphate	25155-23-1
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7
149	Dihexyl phthalate	84-75-3
150	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7

151	Cadmium sulphide	1306-23-6
16-Jun-2014 Date of SVHC Inclusion		
152	Cadmium chloride	10108-64-2
153	1,2-Benzenedicaroxylic acid, dihexylester, branched and linear	68515-50-4
154	Sodium peroxometaborate	7632-04-04
155	Sodium perborate; perboric acid, sodium salt	-
17-Dec-2014 Date of SVHC Inclusion		
156	Cadmium fluoride	7790-79-6
157	Cadmium sulphate	10124-36-4; 31119-53-6
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4stannatetradecanoate 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)	-
15-June-2015 Date of SVHC Inclusion		
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	68515-51-5 68648-93-1
163	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]	-
17-December-2015 Date of SVHC Inclusion		
164	Nitrobenzene	98-95-3
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	1,3-propanesultone	1120-71-4
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4

20-June-2016 Date of SVHC Inclusion		
169	Benzo[def]chrysene	50-32-8
12-January-2017 Date of SVHC Inclusion		
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7
171	4-Heptylphenol, branched and linear substances	-
172	p-(1,1-dimethylpropyl) phenol	80-46-6
173	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2; 3108-42-7; 3830-45-3

10-July-2017 Date of SVHC Inclusion		
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4
18-January-2018 Date of SVHC Inclusion		
175	Chrysene	218-01-9
176	Benz[a]anthracene	56-55-3
177	Cadmium nitrate	10325-94-7
178	Cadmium hydroxide	21041-95-2
179	Cadmium carbonate	513-78-0
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”TM) [covering any of its individual anti- and syn-isomers or any combinationthereof]	-
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]	-
27-June-2018 Date of SVHC Inclusion		
182	Octamethylcyclotetrasiloxane (D4)	556-67-2
183	Decamethylcyclopentasiloxane (D5)	541-02-6
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6
185	Lead	7439-92-1
186	Disodium octaborate	12008-41-2
187	Benzo[ghi]perylene	191-24-2
188	Terphenyl hydrogenated	61788-32-7

189	Ethylenediamine (EDA)	107-15-3
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7
191	Dicyclohexyl phthalate (DCHP)	84-61-7
15-January-2019 Date of SVHC Inclusion		
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
194	Benzo[k]fluoranthene	207-08-9
195	Fluoranthene	206-44-0; 93951-69-0
196	Phenanthrene	85-01-8
197	Pyrene	129-00-0; 1718-52-1
16-July-2019 Date of SVHC Inclusion		
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	-
199	2-methoxyethyl acetate	110-49-6
200	4-tert-butylphenol	98-54-4
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4- nonylphenol, branched and linear (4-NP)	-
16-January-2020 Date of SVHC Inclusion		
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
204	Diisohexyl phthalate	71850-09-4
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-
25-June-2020 Date of SVHC Inclusion		
206	1-vinylimidazole	1072-63-5
207	2-methylimidazole	693-98-1
208	Butyl 4-hydroxybenzoate	94-26-8
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
19-January-2021 Date of SVHC Inclusion		
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the	3648-18-8

	predominant carbon number of the fatty acyloxy moiety	
8-July-2021 Date of SVHC Inclusion		
212	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	121158-58-5 74499-35-7 210555-94-5 27459-10-5 57427-55-1 27147-75-7
213	Orthoboric acid, sodium salt	25747-83-5 22454-04-2 14312-40-4 1333-73-9 13840-56-7 14890-53-0
214	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	1372804-76-6 85535-85-9 198840-65-2
215	Glutaral	111-30-8
216	4,4'-(1-methylpropylidene)bisphenol	77-40-7
217	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	75166-31-3 80-54-6 75166-30-2
218	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	36483-57-5 1522-92-5 3296-90-0 96-13-9
219	1,4-dioxane	123-91-1
17-January-2022 Date of SVHC Inclusion		
220	tris(2-methoxyethoxy)vinylsilane	1067-53-4
221	S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8
222	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1
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)	1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9

		852541-30-1 852541-21-0
10-June-2022 Date of SVHC Inclusion		
224	N-(hydroxymethyl)acrylamide	924-42-5
17-Jan-2023 Date of SVHC Inclusion		
225	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-
226	Perfluoroheptanoic acid and its salts	-
	Sodium perfluoroheptanoate	20109-59-5
	potassium perfluoroheptanoate	21049-36-5
	Ammonium perfluoroheptanoate	6130-43-4
	Perfluoroheptanoic acid	375-85-9
227	Melamine	108-78-1
228	Isobutyl 4-hydroxybenzoate	4247-02-3
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-
	Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7
230	Barium diboron tetraoxide	13701-59-2
231	4,4'-sulphonyldiphenol	80-09-1
232	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
233	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1
14-Jun-2023 Date of SVHC Inclusion		
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
235	Bis(4-chlorophenyl) sulphone	80-07-9

23-Jan-2024 Date of SVHC Inclusion		
236	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-
	Phenol, methylstyrenated	68512-30-1
237	Bumetrizole (UV-326)	3896-11-5
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl) phenyl]butan-1-one	119344-86-4
239	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9
240	2,4,6-tri-tert-butylphenol	732-26-3
27-Jun-2024 Date of SVHC Inclusion		
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3
7-Nov-2024 Date of SVHC Inclusion		
242	Triphenyl phosphate	115-86-6
21-Jan-2025 Date of SVHC Inclusion		
243	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8
244	Perfluamine	338-83-0
245	Octamethyltrisiloxane	107-51-7
246	O,O,O-triphenyl phosphorothioate	597-82-0
247	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8

Note: This list is provided as a reference; the official Candidate List of SVHC for Authorization is posted on the ECHA website: http://echa.europa.eu/web/guest/candidate-list-table_

The Product List as below:

GW700-XS	GW12KLV-DT	HK1000	GW8600H-ES	GW36K-MT(25A)
GW1000-XS	GW15KLV-DT	HK3000	GW9600H-ES	GW29.9K-MT(25A)
GW1500-XS	GW15K-DT	GMK120	GW3000-ES-20	GW12KLV-MT(30A)

GW2000-XS	GW17K-DT	GMK140	GW3600-ES-20	GW15KLV-MT(30A)
GW2500-XS	GW20K-DT	GMK121	GW3600M-ES-20	GW20KLV-MT(30A)
GW3000-XS	GW25K-DT	GMK141	GW5000M-ES-20	GW25K-MT(30A)
GW2500N-XS	GW8KF-DT	GM330	GW5000-ES-20	GW30K-MT(30A)
GW3000N-XS	GW10KF-DT	SEC1000S	GW6000M-ES-20	GW36K-MT(30A)
GW3300-XS	GW12KF-DT	SEC1000	GW6000-ES-20	GW29.9K-MT(30A)
GW3KB-XS	GW15KF-DT	SCB3000	GW3600-SBP-20	GW33KJP-MT
GW700-XS-11	GW30KLV-MT	CT90-5	GW5000-SBP-20	GW40KJP-MT
GW1000-XS-11	GW35KLV-MT	CT90-30	GW6000-SBP-20	GW40K-MT(26A)
GW1500-XS-11	GW50KLV-MT	Ezlogger Pro	GW15K-ET	GW40K-MT(30A)
GW2000-XS-11	GW50K-MT	GW3648D-ES	GW17K-ET	GW50KS-MT(26A)
GW2500-XS-11	GW60K-MT	GW3648C-ES	GW20K-ET	GW60KS-MT(26A)
GW3000-XS-11	GW50KN-MT	GW5048D-ES	GW22K-ET	GW50KS-MT(30A)
GW3000-XS-B11	GW60KN-MT	GW5048C-ES	GW25K-ET	GW60KS-MT(30A)
GW1000-NS	GW70KHV-MT	GW3048-EM	GW29.9K-ET	GW50KS-MT-US
GW1500-NS	GW80KHV-MT	GW3648-EM	GW30K-ET	GW60KS-MT-US
GW2000-NS	GW80K-MT	GW5048-EM	H-DS5000	GW125K-HT-JP
GW2500-NS	GW75K-MT	GW3600-EH	H-DS6000	GW50K-BTC
GW3000-NS	GW50KBF-MT	GW5000-EH	H-DS7000	GW50K-BTC
GW3000D-NS	GW60KBF-MT	GW6000-EH	H-DS7600	GW50K-ETC
GW3600D-NS	GW75KBF-MT	GW3600N-EH	H-DS8600	GW100K-ETC
GW4200D-NS	GW80KBF-MT	GW5000N-EH	H-DS9600	GW100K-BTC
GW5000D-NS	GW73K-HT	GW6000N-EH	A-ES5000	GEP12-L-10(26A)
GW6000D-NS	GW75K-HT	GW3K-BH	A-ES6000	GEP15-L-10(26A)
GW5KBD-NS	GW80K-HT	GW3600-BH	A-ES7000	GEP20-L-10(26A)
GW6KBD-NS	GW100K-HT	GW5000-BH	A-ES7600	GEP25-10(26A)
GW6000T-DS	GW110K-HT	GW6000-BH	A-ES8600	GEP30-10(26A)
GW5000T-DS	GW120K-HT	GW3600S-BP	A-ES9600	GEP36-10(26A)
GW4200T-DS	GW125K-HT	GW5000S-BP	A-BP5000	GEP29.9-10(26A)
GW3600T-DS	GW136K-HTH	GW2500-BP	A-BP6000	GEP12-L-10(30A)
GW3000T-DS	GW100K-HT-KR	GW1000-BH	A-BP7000	GEP15-L-10(30A)
GW3000-DNS-30	GW120K-HT-KR	GW2000-BH	A-BP7600	GEP20-L-10(30A)
GW3600-DNS-30	GW225K-HT	GW3000-BH	A-BP8600	GEP25-10(30A)
GW4200-DNS-30	GW250K-HT	GW5000-EHB	A-BP9600	GEP30-10(30A)
GW5000-DNS-30	GW225KN-HT	GW6500-EHB	A-IS5000	GEP36-10(30A)
GW6000-DNS-30	GW250KN-HT	GW8600-EHB	A-IS6000	GEP29.9-10(30A)
GW5000-DNS-B30	GW5000A-MS	GW0010-EHB	A-IS7000	GEP30-L-10(26A)
GW6000-DNS-B30	GW6000A-MS	GW5048-ESA	A-IS7600	GEP35-L-10(26A)
GEP3.6-1-30	GW7000A-MS	GW5K-ET	A-IS8600	GEP50-10(26A)
GEP4.2-1-30	GW7600A-MS	GW6.5K-ET	A-IS9600	GEP60-10(26A)
GEP5.0-1-30	GW8600A-MS	GW8K-ET	GEH5.0-1U-10	GEP30-L-10(30A)
GEP6.0-1-30	GW9600A-MS	GW10K-ET	GEH8.6-1U-10	GEP35-L-10(30A)
GW3600-DSS	GW5000-MS-US30	GW5KN-ET	GEH10-1U-10	GEP50-10(30A)

GW4200-DSS	GW6000-MS-US30	GW6.5KN-ET	GEH5.0-1U-US20	GEP60-10(30A)
GW5000-DSS	GW7600-MS-US30	GW8KN-ET	GEH6.0-1U-US20	ENEWARE-R1-BATTARY
GW5000-MS(12.5A)	GW9600-MS-US30	GW10KN-ET	GEH7.6-1U-US20	SECU-A5.4L
GW6000-MS(12.5A)	GW11K4-MS-US30	GW5KL-ET	GEH9.6-1U-US20	LX U5.4-L
GW7000-MS(12.5A)	GW5000-MS-30	GW6KL-ET	GEH11.4-1U-US20	LX F3.3-H
GW8500-MS(12.5A)	GW6000-MS-30	GW8KL-ET	GEC5.0-1U-US20	LX F6.6-H
GW9000-MS(12.5A)	GW7000-MS-30	GW10KL-ET	GEC6.0-1U-US20	LX F9.8-H
GW10K-MS(12.5A)	GW8000-MS-30	GW5K-BT	GEC7.6-1U-US20	LX F13.1-H
GW5000-MS(16A)	GW8500-MS-30	GW6K-BT	GEC9.6-1U-US20	LX F16.4-H
GW6000-MS(16A)	GW10K-MS-30	GW8K-BT	GEC11.4-1U-US20	LX S2.5-H
GW7000-MS(16A)	GW7000-MS-C30	GW10K-BT	GEHS5.0-US20	LX S7.5-H
GW8500-MS(16A)	GW8000-MS-C30	GW5000-ES-US20	GEHS6.0-US20	LX S10-H
GW10K-MS(16A)	GW10K-MS-C30	GW6000-ES-US20	GEHS7.6-US20	LX S13-H
GW4000-DT	GEP5.0-1C-30	GW7600-ES-US20	GEHS9.6-US20	LX S15-H
GW5000-DT	GEP7.0-1C-30	GW9600-ES-US20	GEHS11.4-US20	LX S18-H
GW6000-DT	GEP8.5-1C-30	GW11K4-ES-US20	GECS5.0-US20	LX S20-H
GW8000-DT	GEP9.0-1C-30	GW5000-SBP-US20	GECS6.0-US20	SECU-S2.5
GW9000-DT	GEP10-1C-30	GW6000-SBP-US20	GECS7.6-US20	SECU-S5
GW10KN-DT	GEP4.2-1-10	GW7600-SBP-US20	GECS9.6-US20	SECU-S7.5
GW12KN-DT	GEP4.6-1-10	GW9600-SBP-US20	GECS11.4-US20	SECU-S10
GW15KN-DT	GEP5.0-1-10	GW11K4-SBP-US20	GEH5.0-1U-US10	SECU-S13
GW17KN-DT	GEP4.6-1C-10(13A)	GWHS5.0-US20	GEH6.0-1U-US10	SECU-S15
GW20KN-DT	GEP5.0-1C-10(13A)	GWHS5.0-US20	GEH7.0-1U-US10	SECU-S18
GW4000L-DT	GEP7.0-1-10(13A)	GWHS6.0-US20	GEH7.6-1U-US10	SECU-S20
GW5000L-DT	GEP8.5-1-10(13A)	GWHS7.6-US20	GEH8.6-1U-US10	LX F6.6-H
GW6000L-DT	GEP9.0-1-10(13A)	GWHS9.6-US20	GEH9.6-1U-US10	LX F9.8-H
GW10KL-DT	GEP10-1-10(13A)	GWHS11.4-US20	GEC5.0-1U-US10	LX F13.1-H
GW4KL-DT	GEP5.0-1C-10(16A)	GWCS5.0-US20	GEC6.0-1U-US10	LX F16.4-H
GW5KL-DT	GEP7.0-1-10(16A)	GWCS6.0-US20	GEC7.0-1U-US10	LX F3.2-H-US
GW6KL-DT	GEP8.5-1-10(16A)	GWCS7.6-US20	GEC7.6-1U-US10	LX F9.6-H-US
GW4K-DT(12.5A)	GEP9.0-1-10(16A)	GWCS9.6-US20	GEC8.6-1U-US10	LX F12.8-H-US
GW5K-DT(12.5A)	GEP10-1-10(16A)	GWCS11.4-US20	GEC9.6-1U-US10	LX F16.0-H-US
GW6K-DT(12.5A)	GEP4.0-3-10	GW5000A-ES	GEHS5.0-US10	LX F19.2-H-US
GW8K-DT	GEP5.0-3-10	GW6000A-ES	GEHS6.0-US10	LX F3.2-H-JP
GW10KT-DT	GEP6.0-3-10	GW7000A-ES	GEHS7.0-US10	LX F9.6-H-JP
GW12KT-DT	GEP8.0-3-10	GW7600A-ES	GEHS7.6-US10	LX F12.8-H-JP
GW15KT-DT	GEP10-3-10	GW8600A-ES	GEHS8.6-US10	LX C 101-H
GW17KT-DT	GEP12-3-10	GW9600A-ES	GEHS9.6-US10	LX C 120-H
GW20KT-DT	GEP15-3-10	GW5000A-BP	GECS5.0-US10	LX C 138-H
GW25KT-DT	GEP20-3-10	GW6000A-BP	GECS6.0-US10	LX C 156-H
GW4000-SDT-20(16A)	GEP8-3-AU10	GW7000A-BP	GECS7.0-US10	GEP5.0-1-US30
GW5000-SDT-20(16A)	GEP10-3-AU10	GW7600A-BP	GECS7.6-US10	GEP6.0-1-US30
GW6000-SDT-20(16A)	GEP73-L-10	GW8600A-BP	GECS8.6-US10	GEP7.6-1-US30

GW8KAU-DT	GEP75-10	GW9600A-BP	GECS9.6-US10	GEP9.6-1-US30
GW10KAU-DT	GEP80-10	GW5000A-IS	MID11.4-1S200-US10	GEP11.4-1-US30
GW15KAU-DT	GEP100-10	GW6000A-IS	ABD11.4-1S200-US10	Wi -Fi KIT
GW20KAU-DT	GEP110-10	GW7000A-IS	ABD11.4-1S100-US10	Wi-Fi/Lan KIT
GW8000-SDT-20	GEP120-10	GW7600A-IS	ABD9.6-1D200-US10	Bluetooth KIT
GW10K-SDT-20	GEP136-H-10	GW8600A-IS	ABD9.6-1D100-US10	Lynx U
GW12K-SDT-20	GM2000	GW9600A-IS	GW12KLV-MT(25A)	Lynx F
GW15K-SDT-20	GM1000	GW5000H-ES	GW15KLV-MT(25A)	GEP50-11(30A)
GW17K-SDT-20	GM1000D	GW6000H-ES	GW20KLV-MT(25A)	GEP60-11(30A)
GW20K-SDT-20	GM3000	GW7000H-ES	GW25K-MT(25A)	GW7K-HCA
GW12KLV-SDT-20	GM3000C	GW7600H-ES	GW30K-MT(25A)	GW11K-HCA
GW22K-HCA	GEH5.0-3U-10	GEH6.5-3U-10	GEH8.0-3U-10	GEH10-3U-10
ABD200-63-US10	GW3500L-ES-BR20	GW3600-ES-BR20	GW6000-ES-BR20	PHB3548-ES
PHB3648-ES	PHB6048-ES	GEH3.0-1LU-20	GEH3.6-1LU-20	GEH5.0-1LU-20
GEH6.0-1LU-20	GEH3.6M-1LU-20	GEH5.0M-1LU-20	GEH6.0M-1LU-20	GEH6.0-1LU-BR20
GEH15-3U-10	GEH6.0-3U-20	GEH15-3U-20	GEH29.9-3U-10	GEH25-3U-10
GEH20-3U-10	GEH8.0-3U-20	GEH10-3U-20	GEH30-3U-10	GEH9.9-3U-20
GEH12-3U-20	ATZ-4K-AC	ATZ-5K-AC	ATZ-2K-AC	ATZ-3K-AC
ATG-4K-TL	ATG-3K-TL	ATG-5K-TL	ATM-3K-TL	ATM-5K-TL
ATM-4K-TL	ATM-3K-TLS	GW2000-XS-30	GW3000-XS-30	GW8000-SDT-30
GW10K-SDT-30	GW320K-UT	GW320KH-UT	LX D5.0-10	GW6000-ET-20
GW8000-ET-20	GW10K-ET-20	GW50K-ET-10	GW40K-ET-10	GW125K-GT
GW110K-GT	GW80K-SMT	GW10K-ET-20	GW12K-ET-20	GW15K-ET-20
GW125/261-ESA-LCN-G10	LXC 101-10	LXC120 -10	LXC138 -10	LXC156 -10
GW61.4-BAT-AC-G10	GW112.6-BAT-AC-G10	STS200-80-10		