



Subject: REACH Compliance Statement

All parts listed below are compliant with REGULATION (EC) No 1907/2006 (REACH).

Part Numbers:

CTS Part Number	Part Description
CA70 series	Clock - Automotive
CA50 series	Clock - Automotive
CA32 series	Clock - Automotive
CA25 series	Clock - Automotive
CA20 series	Clock - Automotive
CHT70 series	Clock - Industrial
CHT50 series	Clock - Industrial
CHT32 series	Clock - Industrial
CHT25 series	Clock - Industrial
CHT20 series	Clock - Industrial
625 series	Clock Oscillator
626 series	Clock Oscillator
632 series	Clock Oscillator
633 series	Clock Oscillator
634 series	Clock Oscillator
635 series	Clock Oscillator
636 series	Clock Oscillator
637 series	Clock Oscillator
638 series	Clock Oscillator
643H series	Clock Oscillator
645H series	Clock Oscillator
647H series	Clock Oscillator
653 series	Clock Oscillator
654 series	Clock Oscillator
655 series	Clock Oscillator
656 series	Clock Oscillator
658 series	Clock Oscillator
CB1V8 series	Clock Oscillator
CB2V5 series	Clock Oscillator
CB3/CB3LV series	Clock Oscillator
MXO45 series	Clock Oscillator
MXOHT series	Clock Oscillator
TC series	Clock Oscillator
443 Series	Glass Seal Crystal
HG324 Series	Glass Seal Crystal
GA324 Series	Glass Seal Crystal
445 Series	Glass Seal Crystal



HG532	Glass Seal Crystal
HG534	Glass Seal Crystal
GA532	Glass Seal Crystal
GA534	Glass Seal Crystal
HS164	Crystal - Industrial
HS204	Crystal - Industrial
HS254	Crystal - Industrial
HS324	Crystal - Industrial
HS532	Crystal - Industrial
HS534	Crystal - Industrial
HTA Series	High Temperature Quartz Crystal
430 series	Heat Dissipator
7-series	Heat Dissipator
AER series	Heat Dissipator
AL series	Heat Dissipator
APF series	Heat Dissipator
APR series	Heat Dissipator
BDN series	Heat Dissipator
LA series	Heat Dissipator
LB series	Heat Dissipator
LP series	Heat Dissipator
PA series	Heat Dissipator
PB series	Heat Dissipator
PC series	Heat Dissipator
PSC series	Heat Dissipator
TX series	Heat Dissipator
UP series	Heat Dissipator
FHE series	Fan Heat Sink
FHP series	Fan Heat Sink
FHL series	Fan Heat Sink
FEX series	Fan Heat Sink
CP5 series	Programmable Oscillator
CP7 series	Programmable Oscillator
402/402W series	Quartz Crystal
403/403W series	Quartz Crystal
405/435 series	Quartz Crystal
406 series	Quartz Crystal
407 series	Quartz Crystal
412/412W series	Quartz Crystal
416/416W series	Quartz Crystal
425/425W series	Quartz Crystal
ATS/ATS-SM series	Quartz Crystal
ATSSM GL series	Quartz Crystal
ATSSM LP series	Quartz Crystal
ATSSM TS series	Quartz Crystal
MP series	Quartz Crystal



SA164 series	Quartz Crystal
SA204 series	Quartz Crystal
SA254 series	Quartz Crystal
SA324 series	Quartz Crystal
SA532 series	Quartz Crystal
SA534 series	Quartz Crystal
73x series	Resistor Current Sensing
74x series	Resistor Network
75x series	Resistor Network
76x series	Resistor Network
770x series	Resistor Network
S4x series	Resistor Network
RT series	Resistor Network BGA
516 series	Temperature Compensated Crystal Oscillator
517 series	Temperature Compensated Crystal Oscillator
520 series	Temperature Compensated Crystal Oscillator
521 series	Temperature Compensated Crystal Oscillator
525 series	Temperature Compensated Crystal Oscillator
526 series	Temperature Compensated Crystal Oscillator
532 series	Temperature Compensated Crystal Oscillator
533 series	Temperature Compensated Crystal Oscillator
535 series	Temperature Compensated Crystal Oscillator
536 series	Temperature Compensated Crystal Oscillator
TT32 series	Temperature Compensated Crystal Oscillator
TF16 series	Tuning Fork Crystal
TF20 series	Tuning Fork Crystal
TF32 series	Tuning Fork Crystal
TF415 series	Tuning Fork Crystal
TF519 series	Tuning Fork Crystal
TFA16 series	Tuning Fork Crystal
TFA20 series	Tuning Fork Crystal
TFA32 series	Tuning Fork Crystal
TFE16 series	Tuning Fork Crystal
TFE20 series	Tuning Fork Crystal
TFE32 series	Tuning Fork Crystal
TFNC15 series	Tuning Fork Crystal
315 series	Voltage Controlled Crystal Oscillator
317 series	Voltage Controlled Crystal Oscillator
325 series	Voltage Controlled Crystal Oscillator
335 series	Voltage Controlled Crystal Oscillator
345 series	Voltage Controlled Crystal Oscillator
347 series	Voltage Controlled Crystal Oscillator
357 series	Voltage Controlled Crystal Oscillator
358 series	Voltage Controlled Crystal Oscillator
375 series	Voltage Controlled Crystal Oscillator
377 series	Voltage Controlled Crystal Oscillator



CTS certifies that the above part number(s) do not contain any of the 219 SVHC List of Substances for content above 0.1% (w/w). REACH SVHC Declaration with respect to 8th July 2021 ECHA Candidate List <https://echa.europa.eu/candidate-list-table>, the Annex XIV (Authorization List) & Annex XVII (Restriction List).

#	Substance Name	CAS #	SVHC Published Date
1	Anthracene	120-12-7	2008-10-28
2	4,4'- Diaminodiphenylmethane	101-77-9	2008-10-28
3	Dibutyl phthalate	84-74-2	2008-10-28
4	Cobalt dichloride	7646-79-9	2008-10-28
5	Diarsenic pentaoxide	1303-28-2	2008-10-28
6	Diarsenic trioxide	1327-53-3	2008-10-28
7	Sodium dichromate, dihydrate	10588-01-9	2008-10-28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008-10-28
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	2008-10-28
10	Hexabromocyclododecane (HBCDD)	3194-55-6	2008-10-28
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008-10-28
12	Bis(tributyltin) oxide,hexabutyldistannoxane	56-35-9	2008-10-28
13	Lead hydrogen arsenate	7784-40-9	2008-10-28
14	Triethyl arsenate	15606-95-8	2008-10-28
15	Benzyl butyl phthalate	85-68-7	2008-10-28
16	2,4-Dinitrotoluene	121-14-2	2010-1-13
17	Anthracene oil	90640-80-5	2010-1-13
18	Anthracene oil, anthracene paste	90640-81-6	2010-1-13
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010-1-13
20	Anthracene oil, anthracene paste,distn. lights	91995-17-4	2010-1-13
21	Anthracene oil, anthracene-low	90640-82-7	2010-1-13
22	Diisobutyl phthalate	84-69-5	2010-1-13
23	Lead chromate	7758-97-6	2010-1-13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010-1-13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010-1-13
26	Pitch, coal tar, high temp.	65996-93-2	2010-1-13
27	Tris(2-chloroethyl)phosphate	115-96-8	2010-1-13
28	Acrylamide	79-06-1	2010-3-30
29	Trichloroethylene	79-01-6	2010-6-18
30	Boric acid	10043-35-3	2010-6-18
31	Disodium tetraborate, anhydrous	1330-43-4	2010-6-18
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010-6-18
33	Sodium chromate	7775-11-3	2010-6-18



34	Potassium chromate	7789-00-6	2010-6-18
35	Ammonium dichromate	7789-09-5	2010-6-18
36	Potassium dichromate	7778-50-9	2010-6-18
37	2-Ethoxyethanol	110-80-5	2010-12-15
38	2-Methoxyethanol	109-86-4	2010-12-15
39	Chromic acid	7738-94-5	2010-12-15
40	Chromium trioxide	1333-82-0	2010-12-15
41	Cobalt(II) carbonate	513-79-1	2010-12-15
42	Cobalt(II) diacetate	71-48-7	2010-12-15
43	Cobalt(II) dinitrate	10141-05-6	2010-12-15
44	Cobalt(II) sulphate	10124-43-3	2010-12-15
45	1,2,3-Trichloropropane	96-18-4	2011-6-20
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011-6-20
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters	68515-42-4	2011-6-20
48	1-Methyl-2-pyrrolidone	872-50-4	2011-6-20
49	2-Ethoxyethyl acetate	111-15-9	2011-6-20
50	Hydrazine	302-01-2, 7803-57-8	2011-6-20
51	Strontium chromate	7789-06-2	2011-6-20
52	Dichromium tris(chromate)	24613-89-6	2011-12-19
53	Potassium hydroxyoctaoxidizincatedi-chromate	11103-86-9	2011-12-19
54	Pentazinc chromate octahydroxide	49663-84-5	2011-12-19
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	2011-12-19
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	2011-12-19
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	2011-12-19
58	Bis(2-methoxyethyl) phthalate	117-82-8	2011-12-19
59	2-Methoxyaniline; o-Anisidine	90-04-0	2011-12-19
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	2011-12-19
61	1,2-Dichloroethane	107-06-2	2011-12-19
62	Bis(2-methoxyethyl) ether	111-96-6	2011-12-19
63	Arsenic acid	7778-39-4	2011-12-19
64	Calcium arsenate	7778-44-1	2011-12-19
65	Trilead diarsenate	3687-31-8	2011-12-19
66	N,N-dimethylacetamide (DMAC)	127-19-5	2011-12-19
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	2011-12-19
68	Phenolphthalein	77-09-8	2011-12-19
69	Lead azide Lead diazide	13424-46-9	2011-12-19
70	Lead styphnate	15245-44-0	2011-12-19
71	Lead dipicrate	6477-64-1	2011-12-19



72	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C-I- Solvent Blue 4) [with \geq 0-1% of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	6786-83-0	2012-6-18
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	2012-6-18
74	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	2012-6-18
75	Diboron trioxide ¹	1303-86-2	2012-6-18
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2012-6-18
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with \geq 0-1% of Michler's ketone (EC No- 202-027- 5) or Michler's base (EC No- 202-959-2)]	561-41-1	2012-6-18
78	Lead(II) bis(methanesulfonate)	17570-76-2	2012-6-18
79	Formamide	75-12-7	2012-6-18
80	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa- 2,5-dien-1-ylidene]dimethylammonium chloride (C-I- Basic Violet 3) [with \geq 0-1% of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	548-62-9	2012-6-18
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	2012-6-18
82	[4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1- ylidene] dimethylammonium chloride (C-I- Basic Blue 26) [with \geq 0-1% of Michler's ketone (EC No- 202-027-5) or Michler's base (EC No- 202-959-2)]	2580-56-5	2012-6-18
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	2012-6-18
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	2012-6-18
85	Pyrochlore, antimony lead yellow	8012-00-8	2012-12-19
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	2012-12-19
87	Henicosafuoroundecanoic acid	2058-94-8	2012-12-19
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4- methylphthalic anhydride [2], Hexahydro-1- methylphthalic anhydride [3], Hexahydro-3- methylphthalic anhydride [4]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	2012-12-19
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis- cyclohexane-1,2-dicarboxylic anhydride [2], trans- cyclohexane-1,2-dicarboxylic anhydride [3]	85-42-7, 13149-00-3, 14166-21-3	2012-12-19
90	Dibutyltin dichloride (DBTC)	683-18-1	2012-12-19
91	Lead bis(tetrafluoroborate)	13814-96-5	2012-12-19
92	Lead dinitrate	10099-74-8	2012-12-19
93	Silicic acid, lead salt	11120-22-2	2012-12-19
94	4-Aminoazobenzene	60-09-3	2012-12-19
95	Lead titanium zirconium oxide	12626-81-2	2012-12-19
96	Lead monoxide (lead oxide) ¹	1317-36-8	2012-12-19



97	o-Toluidine	95-53-4	2012-12-19
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012-12-19
99	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	2012-12-19
100	Trilead bis(carbonate)dihydroxide	1319-46-6	2012-12-19
101	Furan	110-00-9	2012-12-19
102	N,N-dimethylformamide	68-12-2	2012-12-19
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	2012-12-19
104	4-Nonylphenol, branched and linear	-	2012-12-19
105	4,4'-methylenedi-o-toluidine	838-88-0	2012-12-19
106	Diethyl sulphate	64-67-5	2012-12-19
107	Dimethyl sulphate	77-78-1	2012-12-19
108	Lead oxide sulfate	12036-76-9	2012-12-19
109	Lead titanium trioxide	12060-00-3	2012-12-19
110	Acetic acid, lead salt, basic	51404-69-4	2012-12-19
111	[Phthalato(2-)]dioxotrilead	69011-06-9	2012-12-19
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012-12-19
113	N-methylacetamide	79-16-3	2012-12-19
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012-12-19
115	1,2-Diethoxyethane	629-14-1	2012-12-19
116	Tetralead trioxide sulphate	12202-17-4	2012-12-19
117	N-pentyl-isopentylphthalate	776297-69-9	2012-12-19
118	Dioxobis(stearato)trilead	12578-12-0	2012-12-19
119	Tetraethyllead	78-00-2	2012-12-19
120	Pentalead tetraoxide sulphate	12065-90-6	2012-12-19
121	Pentacosaflluorotridecanoic acid	72629-94-8	2012-12-19
122	Tricosaflluorododecanoic acid	307-55-1	2012-12-19
123	Heptacosaflluorotetradecanoic acid	376-06-7	2012-12-19
124	1-bromopropane (n-propyl bromide)	106-94-5	2012-12-19
125	Methoxyacetic acid	625-45-6	2012-12-19
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	2012-12-19
127	Methyloxirane (Propylene oxide)	75-56-9	2012-12-19
128	Trilead dioxide phosphonate	12141-20-7	2012-12-19
129	o-aminoazotoluene	97-56-3	2012-12-19
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012-12-19
131	4,4'-oxydianiline and its salts	101-80-4	2012-12-19
132	Orange lead (lead tetroxide)	1314-41-6	2012-12-19
133	Biphenyl-4-ylamine	92-67-1	2012-12-19
134	Diisopentylphthalate	605-50-5	2012-12-19
135	Fatty acids, C16-18, lead salts	91031-62-8	2012-12-19
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012-12-19
137	Sulfurous acid, lead salt, dibasic	62229-08-7	2012-12-19



138	Lead cyanamidate	20837-86-9	2012-12-19
139	Cadmium	7440-43-9	2013-6-20
140	Cadmium oxide	1306-19-0	2013-6-20
141	Dipentyl phthalate (DPP)	131-18-0	2013-6-20
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	2013-6-20
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013-6-20
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013-6-20
145	Cadmium sulphide	1306-23-6	2013-12-16
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013-12-16
147	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	2013-12-16
148	Dihexyl phthalate	84-75-3	2013-12-16
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	2013-12-16
150	Lead di(acetate)	301-04-2	2013-12-16
151	Trixylyl phosphate	25155-23-1	2013-12-16
152	Cadmium chloride	10108-64-2	2014-06-16
153	Sodium peroxometaborate	7632-04-4	2014-06-16
154	Sodium perborate; perboric acid, sodium salt	-	2014-06-16
155	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	2014-06-16
156	Cadmium sulphate	10124-36-4, 31119-53-6	2014-12-17
157	Cadmium fluoride	7790-79-6	2014-12-17
158	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014-12-17
159	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	2014-12-17
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014-12-17
161	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014-12-17
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	2015-06-15



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]	-	2015-06-15
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	2015-12-17
165	Nitrobenzene	98-95-3	2015-12-17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015-12-17
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	2015-12-17
168	1,3-propanesultone	1120-71-4	2015-12-17
169	Benzo[def]chrysene	50-32-8	2016-06-20
170	p-(1,1-dimethylpropyl)phenol	80-46-6	2017-01-12
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2, 3108-42-7, 3830-45-3	2017-01-12
172	4-Heptylphenol, branched and linear	-	2017-01-12
173	4,4'-isopropylidenediphenol	80-05-7	2017-01-12
174	Perfluorohexane-1-sulphonic acid and its salts	-	2017-07-07
175	Benz[a]anthracene	56-55-3, 1718-53-2	2018-01-15
176	Cadmium carbonate	513-78-0	2018-01-15
177	Cadmium hydroxide	21041-95-2	2018-01-15
178	Cadmium nitrate	10022-68-1, 10325-94-7	2018-01-15
179	Chrysene	218-01-9, 1719-03-5	2018-01-15
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7, 15-diene ("Dechlorane Plus" TM)	-	2018-01-15
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	2018-01-15
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	2018-06-27
183	Benzo[ghi]perylene	191-24-2	2018-06-27
184	Decamethylcyclopentasiloxane	541-02-6	2018-06-27
185	Dicyclohexyl phthalate	84-61-7	2018-06-27
186	Disodium octaborate	12008-41-2	2018-06-27
187	Dodecamethylcyclohexasiloxane	540-97-6	2018-06-27
188	Ethylenediamine	107-15-3	2018-06-27
189	Lead ¹	7439-92-1	2018-06-27
190	Octamethylcyclotetrasiloxane	556-67-2	2018-06-27
191	Terphenyl, hydrogenated	61788-32-7	2018-06-27



192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	2019-01-15
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	2019-01-15
194	Benzo[k]fluoranthene	207-08-9	2019-01-15
195	Fluoranthene	206-44-0, 93951-69-0	2019-01-15
196	Phenanthrene	85-01-8	2019-01-15
197	Pyrene	129-00-0, 1718-52-1	2019-01-15
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	2019-07-16
199	2-methoxyethyl acetate	110-49-6	2019-07-16
200	4-tert-butylphenol	98-54-4	2019-07-16
201	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	2019-07-16
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	2020-01-16
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	2020-01-16
204	Diisohexyl phthalate	71850-09-4	2020-01-16
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	2020-01-16
206	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	2020-06-25
207	butyl 4-hydroxybenzoate	94-26-8	2020-06-25
208	2-Methylimidazole	693-98-1	2020-06-25
209	1-vinylimidazole	1072-63-5	2020-06-25
210	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: - Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4 Dioctyltin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8	-	2021-01-19
211	Butyl 4-hydroxybenzoate	143-24-8	2021-01-19
212	1,4-dioxane	123-91-1	2021-07-08
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA) 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) EC No.: 253-057-0 CAS No.: 36483-57-5 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) EC No.: - CAS No.: 1522-92-5 2,2-bis(bromomethyl)propane-1,3-diol (BMP) EC No.: 221-967-7 CAS No.: 3296-90-0		2021-07-08



	2,3-dibromo-1-propanol (2,3-DBPA) EC No.: 202-480-9 CAS No.: 96-13-9		
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3 2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6 (2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-30-2		2021-07-08
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	2021-07-08
216	glutaral	111-30-8	2021-07-08
217	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 Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6 Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9 di-, tri- and tetrachlorotetradecane EC No.: 950-299-5 CAS No.: - Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2		2021-07-08
218	orthoboric acid, sodium salt boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5 Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2 Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4 Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9 Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7 Boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0		2021-07-08
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5 4-isododecylphenol EC No.: - CAS No.: 27459-10-5 Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7 Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5 Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7 Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1	143-24-8	2021-07-08



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¹ Articles manufactured within the semiconductor industry may include Boron or Lead containing glass. In some cases, Di-boron Trioxide and Lead Oxide may have been declared as a substance exceeding 0.1% by weight within various electronic glass or parts containing glass.

Under the REACH Regulation, glass is classified as an UVCB (unknown or variable composition, complex reaction products or biological material) containing the elements silica, calcium, sodium, potassium, magnesium, etc... These raw materials are used to manufacture glass and react to create a new chemical substance, totally different from the starting materials. In other words, the Lead and Boron substances are chemically combined in a ceramic or glass matrix and present no hazard to humans or the environment under normal handling and use.

As such, there are no obligations under the EU REACH regulation of communication to customers and notification to ECHA for articles containing glass.

CTS confirm that materials declaration data provided for the products mentioned is accurate to the best of our knowledge.

The signature below verifies that the statements above are valid and accurate.

Signature:  _____

Date: Nov 11, 2021

Name: Y.M. Sun

Title: Product Engineer