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LPRS Statement – REACH Regulations

REGULATION (EC) No 1907/2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH)

Low Power Radio Solutions confirms that none of its products or packaging contain any of the 191 Substances of Very High Concern (SVHC) on the REACH Candidate List, shown below, in a concentration above the 0.1% by weight allowable limit:

Index	Chemical Name	CAS Number
1	Triethyl arsenate	15606-95-8
2	Sodium dichromate	7789-12-0, 10588-01-9
3	Lead hydrogen arsenate	7784-40-9
4	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8
5	Dibutyl phthalate (DBP)	84-74-2
6	Diarsenic trioxide	1327-53-3
7	Diarsenic pentaoxide	1303-28-2
8	Bis(tributyltin) oxide (TBTO)	56-35-9
9	Benzyl butyl phthalate (BBP)	85-68-7
10	Anthracene	120-12-7
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
12	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2
13	4,4'- Diaminodiphenylmethane (MDA)	101-77-9
14	Tris(2-chloroethyl)phosphate	115-96-8
15	Pitch, coal tar, high temp.	65996-93-2
16	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
17	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
18	Lead chromate	7758-97-6
19	Diisobutyl phthalate (DIBP)	84-69-5
20	Anthracene oil, anthracene-low	90640-82-7
21	Anthracene oil, anthracene paste, distn. lights	91995-17-4
22	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
23	Anthracene oil, anthracene paste	90640-81-6

24	Anthracene oil	90640-80-5
25	2,4-Dinitrotoluene (2,4-DNT)	121-14-2
26	Acrylamide	79-06-1
27	Trichloroethylene	79-01-6
28	Tetraboron disodium heptaoxide, hydrate	12267-73-1
29	Sodium chromate	7775-11-3,
30	Potassium dichromate	7778-50-9
31	Potassium chromate	7789-00-6
32	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3
33	Boric acid	10043-35-3, 11113-50-1
34	Ammonium dichromate	7789-9-5,
35	Cobalt(II) sulphate	10124-43-3
36	Cobalt(II) dinitrate	10141-05-6
37	Cobalt(II) diacetate	71-48-7
38	Cobalt(II) carbonate	513-79-1
39	Chromium trioxide	1333-82-0
40	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
41	2-Methoxyethanol	109-86-4
42	2-Ethoxyethanol	110-80-5
43	Strontium chromate	7789-6-2,
44	Hydrazine	302-01-2, 7803-57-8
45	2-Ethoxyethyl acetate	111-15-9
46	1-Methyl-2-pyrrolidone (NMP)	872-50-4
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
48	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
49	1,2,3-trichloropropane	96-18-4
50	Cobalt dichloride	7646-79-9
51	Zirconia Aluminosilicate Refractory Ceramic Fibres	650-017-00-8
52	Trilead diarsenate	3687-31-8
53	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
54	Phenolphthalein	77-09-8
55	Pentazinc chromate octahydroxide	49663-84-5
56	N,N-dimethylacetamide	127-19-5
57	Lead styphnate	15245-44-0
58	Lead dipicrate	6477-64-1
59	Lead diazide, Lead azide	13424-46-9
60	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
61	Dichromium tris(chromate)	24613-89-6
62	Calcium arsenate	7778-44-1
63	Bis(2-methoxyethyl) phthalate	117-82-8
64	Bis(2-methoxyethyl) ether	111-96-6
65	Arsenic acid	7778-39-4
66	Aluminosilicate Refractory Ceramic Fibres	650-017-00-8

67	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
68	2-Methoxyaniline,o-Anisidine	90-04-0
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
70	1,2-Dichloroethane	107-06-2
71	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
72	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
73	Lead(II) bis(methanesulfonate)	17570-76-2
74	Formamide	75-12-7
75	Diboron trioxide	1303-86-2
76	[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
77	[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
78	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
79	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
80	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
81	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
82	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	110-71-4
83	1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)	112-49-2
84	Trilead dioxide phosphonate	12141-20-7
85	Trilead bis(carbonate) dihydroxide	1319-46-6
86	Tricosafuorododecanoic acid	307-55-1
87	Tetralead trioxide sulphate	12202-17-4
88	Tetraethyllead	78-00-2
89	Sulfurous acid, lead salt, dibasic	62229-08-7
90	Silicic acid, lead salt	11120-22-2
91	Silicic acid	68784-75-8
92	Pyrochlore, antimony lead yellow	8012-00-8
93	Pentalead tetraoxide sulphate	12065-90-6
94	Pentacosafuorotridecanoic acid	72629-94-8
95	Orange lead (lead tetroxide)	1314-41-6
96	o-Toluidine	95-53-4
97	o-aminoazotoluene	97-56-3
98	N-pentyl-isopentylphthalate	776297-69-9
99	N-methylacetamide	79-16-3
100	N,N-dimethylformamide	68-12-2
101	Methyloxirane (Propylene oxide)	75-56-9
102	Methoxyacetic acid	625-45-6
103	Lead titanium zirconium oxide	12626-81-2

104	Lead titanium trioxide	12060-00-3
105	Lead oxide sulfate	12036-76-9
106	Lead monoxide (lead oxide)	1317-36-8
107	Lead dinitrate	10099-74-8
108	Lead cyanamidate	20837-86-9
109	Lead bis(tetrafluoroborate)	13814-96-5
110	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
111	Heptacosafuorotetradecanoic acid	376-06-7
112	Henicosafuoroundecanoic acid	2058-94-8
113	Furan	110-00-9
114	Fatty acids, C16-18, lead salts	91031-62-8
115	Dioxobis(stearato)trilead	12578-12-0
116	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
117	Dimethyl sulphate	77-78-1
118	Diisopentylphthalate	605-50-5
119	Diethyl sulphate	64-67-5
120	Dibutyltin dichloride (DBTC)	683-18-1
121	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3
122	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
123	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5
124	Biphenyl-4-ylamine	92-67-1
125	Acetic acid, lead salt, basic	51404-69-4
126	[Phthalato(2-)]dioxotrilead	69011-06-9
127	6-methoxy-m-toluidine (p-cresidine)	120-71-8
128	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]	
129	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
130	4-Aminoazobenzene	60-09-3
131	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	
132	4,4'-oxydianiline and its salts	101-80-4
133	4,4'-methylenedi-o-toluidine	838-88-0
134	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
135	1-bromopropane (n-propyl bromide)	106-94-5
136	1,2-Diethoxyethane	629-14-1
137	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
138	Pentadecafluorooctanoic acid (PFOA)	335-67-1
139	Dipentyl phthalate (DPP)	131-18-0
140	Cadmium oxide	1306-19-0
141	Cadmium	7440-43-9
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1

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	Trixylyl phosphate	25155-23-1
145	Lead di(acetate)	301-04-2
146	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
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
148	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
149	Dihexyl phthalate	84-75-3
150	Cadmium sulphide	1306-23-6
151	Sodium peroxometaborate	7632-4-4,
152	Sodium perborate,perboric acid, sodium salt	
153	Cadmium chloride	10108-64-2
154	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4
155	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)	
156	Cadmium sulphate	10124-36-4, 31119-53-6
157	Cadmium fluoride	7790-79-6
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
160	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
161	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
162	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]	
163	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
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4
165	1,3-propanesultone	1120-71-4
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
168	Nitrobenzene	98-95-3
169	Benzo[def]chrysene	50-32-8
170	p-(1,1-dimethylpropyl)phenol (PTAP)	80-46-6
171	4-heptylphenol, branched and linear (4-HPbl)	-
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2
173	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7

174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-
176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	-
177	Chrysene	218-01-9, 1719-03-5
178	Cadmium nitrate	10022-68-1, 10325-94-7
179	Cadmium hydroxide	21041-95-2
180	Cadmium carbonate	513-78-0
181	Benz[a]anthracene	56-55-3, 1718-53-2
182	benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	552-30-7
183	Dicyclohexyl phthalate (DCHP)	84-61-7
184	Benzo[ghi]perylene	191-24-2
185	Decamethylcyclopentasiloxane (D5)	541-02-6
186	Disodium octaborate	12008-41-2
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6
188	Ethylenediamine (EDA)	107-15-3
189	Lead	7439-92-1
190	Octamethylcyclotetrasiloxane (D4)	556-67-2
191	Terphenyl, hydrogenated	61788-32-7
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	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

ECHA Source: <http://echa.europa.eu/candidate-list-table>



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