

# Quality&Environment

---

Fagor Electrónica Semiconductores

## 9INFORMATION STATEMENT

### **Subject: REACH Regulation**

Fagor Electrónica will fulfil the requirements to implement the European regulation EC 1907/2006 “REACH”.

Fagor Electrónica as downstream user is in contact with their suppliers to assure that all substances concerned are registered or have been pre-registered according to the REACH requirements.

Also we will make the appropriate notifications to our customers regarding substances of very high concern (SVHC) contained in our products, according to the Candidate list.

At present all of our products and packaging materials:

- Don't contain any of the substances included in the Candidate list of substances of very high concern, issued by European Chemical Agency (ECHA), with exception of Lead, which may be contained in some products (please see note \* below Table).
- Fulfil the restrictions for banned substances according to Annex XVII of EC1907/2006 regulation

January 19th, 2023



Alberto Trancho  
REACH Coordinator  
Environment and Health&Safety Director  
e-mail: [atrancho@fagorelectronica.es](mailto:atrancho@fagorelectronica.es)

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
1	Anthracene	120-12-7	204-371-1	28-Oct-08
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	28-Oct-08
3	Dibutylphthalate	84-74-2	201-557-4	28-Oct-08
4	Cobaltdichloride	7646-79-9	231-589-4	28-Oct-08
5	Diarsenicpentaoxide	1303-28-2	215-116-9	28-Oct-08
6	Diarsenictrioxide	1327-53-3	215-481-4	28-Oct-08
7	Sodiumdichromate (Dihydrate)	7789-12-0	234-190-3	28-Oct-08
	Sodiumdichromate (Anhydrous)	10588-01-9	234-190-3	28-Oct-08
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	28-Oct-08
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	28-Oct-08
10	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	28-Oct-08
	1,2,5,6,9,10-Hexabromocyclododecane	3194-55-6	221-695-9	28-Oct-08
	$\alpha$ - HBCDD	134237-51-6	221-695-9	28-Oct-08
	$\beta$ -HBCDD	134237-50-7	221-695-9	28-Oct-08
	$\gamma$ -HBCDD	134237-52-8	221-695-9	28-Oct-08
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	28-Oct-08
12	Bis(tributyltin)oxide	56-35-9	200-268-0	28-Oct-08

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
13	Lead hydrogenarsenate	7784-40-9	232-064-2	28-Oct-08
14	Benzybutylphthalate	85-68-7	201-622-7	28-Oct-08
15	Triethylarsenate	15606-95-8	427-700-2	28-Oct-08
16	Anthraceneoil	90640-80-5	292-602-7	13-Jan-10
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	13-Jan-10
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	13-Jan-10
19	Anthraceneoil, anthracene-low	90640-82-7	292-604-8	13-Jan-10
20	Anthraceneoil, anthracene paste	90640-81-6	292-603-2	13-Jan-10
21	Coal tar pitch, high temperature	65996-93-2	266-028-2	13-Jan-10
22	2,4-Dinitrotoluene	121-14-2	204-450-0	13-Jan-10
23	Diisobutylphthalate	84-69-5	201-553-2	13-Jan-10
24	Lead chromate	7758-97-6	231-846-0	13-Jan-10
25	Lead chromate molybdatesulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	13-Jan-10
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	13-Jan-10
27	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	13-Jan-10
28	Acrylamide	79-06-1	201-173-7	30-Mar-10
29	Trichloroethylene	79-01-6	201-167-4	18-Jun-10

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
30	Boricacid	10043-35-3	233-139-2	18-Jun-10
		11113-50-1	234-343-4	18-Jun-10
31	Disodiumtetraborate, anhydrous	1330-43-4	215-540-4	18-Jun-10
		12179-04-3		18-Jun-10
		1303-96-4		18-Jun-10
32	Tetraborondisodiumheptaoxide, hydrate	12267-73-1	235-541-3	18-Jun-10
33	Sodiumchromate	7775-11-3	231-889-5	18-Jun-10
34	Potassiumchromate	7789-00-6	232-140-5	18-Jun-10
35	Ammoniumdichromate	7789-09-5	232-143-1	18-Jun-10
36	Potassiumdichromate	7778-50-9	231-906-6	18-Jun-10
37	Cobalt(II) sulphate	10124-43-3	233-334-2	15-Dec-10
38	Cobalt(II) dinitrate	10141-05-6	233-402-1	15-Dec-10
39	Cobalt(II) carbonate	513-79-1	208-169-4	15-Dec-10
40	Cobalt(II) diacetate	71-48-7	200-755-8	15-Dec-10
41	2-Methoxyethanol	109-86-4	203-713-7	15-Dec-10
42	2-Ethoxyethanol	110-80-5	203-804-1	15-Dec-10
43	Chromiumtrioxide	1333-82-0	215-607-8	15-Dec-10

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
44	Acids generated from chromium trioxide and their oligomers:			15-Dec-10
	Chromicacid	7738-94-5	231-801-5	15-Dec-10
	Dichromicacid	13530-68-2	236-881-5	15-Dec-10
	Oligomers of chromic acid and dichromic acid	-	-	15-Dec-10
45	2-ethoxyethyl acetate	111-15-9	203-839-2	20-Jun-11
46	strontiumchromate	7789-06-2	232-142-6	20-Jun-11
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	20-Jun-11
48	Hydrazine	302-01-2 / 7803-57-8	206-114-9	20-Jun-11
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	20-Jun-11
50	1,2,3-trichloropropane	96-18-4	202-486-1	20-Jun-11
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	20-Jun-11
52	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight			19-Dec-11

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
53	Calciumarsenate	7778-44-1	231-904-5	19-Dec-11
54	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	19-Dec-11
55	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight			19-Dec-11
56	Potassiumhydroxyoctaoxidizincatedichromate	11103-86-9	234-329-8	19-Dec-11
57	Lead dipicrate	6477-64-1	229-335-2	19-Dec-11
58	N,N-dimethylacetamide	127-19-5	204-826-4	19-Dec-11
59	Arsenicacid	7778-39-4	231-901-9	19-Dec-11
60	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	19-Dec-11
61	Trileaddiarsenate	3687-31-8	222-979-5	19-Dec-11
62	1,2-dichloroethane	107-06-2	203-458-1	19-Dec-11
63	Pentazincchromateoctahydroxide	49663-84-5	256-418-0	19-Dec-11
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	19-Dec-11

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
65	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	19-Dec-11
66	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	19-Dec-11
67	Lead diazide, Lead azide	13424-46-9	236-542-1	19-Dec-11
68	Lead styphnate	15245-44-0	239-290-0	19-Dec-11
69	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	19-Dec-11
70	Phenolphthalein	77-09-8	201-004-7	19-Dec-11
71	Dichromium tris(chromate)	24613-89-6	246-356-2	19-Dec-11
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	18-Jun-12
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	18-Jun-12
74	Diborontrioxide	1303-86-2	215-125-8	18-Jun-12
75	Formamide	75-12-7	200-842-0	18-Jun-12
76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	18-Jun-12
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	18-Jun-12
78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	59653-74-6	423-400-0	18-Jun-12
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	18-Jun-12
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	18-Jun-12

## Quality & Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
81	[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)]	2580-56-5	219-943-6	18-Jun-12
82	[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	208-953-6	18-Jun-12
83	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	209-218-2	18-Jun-12
84	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	229-851-8	18-Jun-12
85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	19-Dec-12
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	19-Dec-12
87	Henicosaflluoroundecanoic acid	2058-94-8	218-165-4	19-Dec-12
88	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	247-094-1, 243-072-0, 256-356-4, 260-566-1	19-Dec-12
89	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	201-604-9, 236-086-3, 238-009-9	19-Dec-12
90	Dibutyltindichloride (DBTC)	683-18-1	211-670-0	19-Dec-12



## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
91	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	19-Dec-12
92	Lead dinitrate	10099-74-8	233-245-9	19-Dec-12
93	Silicicacid, lead salt	11120-22-2	234-363-3	19-Dec-12
94	4-Aminoazobenzene	60-09-3	200-453-6	19-Dec-12
95	Lead titaniumzirconium oxide	12626-81-2	235-727-4	19-Dec-12
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	19-Dec-12
97	o-Toluidine	95-53-4	202-429-0	19-Dec-12
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	19-Dec-12
99	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]	68784-75-8	272-271-5	19-Dec-12
100	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	19-Dec-12
101	Furan	110-00-9	203-727-3	19-Dec-12
102	N,N-dimethylformamide	68-12-2	200-679-5	19-Dec-12
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	19-Dec-12
104	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]	-	-	19-Dec-12

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	19-Dec-12
106	Diethylsulphate	64-67-5	200-589-6	19-Dec-12
107	Dimethylsulphate	77-78-1	201-058-1	19-Dec-12
108	Lead oxide sulfate	12036-76-9	234-853-7	19-Dec-12
109	Lead titaniumtrioxide	12060-00-3	235-038-9	19-Dec-12
110	Acetic acid, lead salt, basic	51404-69-4	257-175-3	19-Dec-12
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	19-Dec-12
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	19-Dec-12
113	N-methylacetamide	79-16-3	201-182-6	19-Dec-12
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	19-Dec-12
115	1,2-Diethoxyethane	629-14-1	211-076-1	19-Dec-12
116	Tetraleadtrioxidesulphate	12202-17-4	235-380-9	19-Dec-12
117	N-pentyl-isopentylphthalate	776297-69-9	-	19-Dec-12
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	19-Dec-12
119	Tetraethyllead	78-00-2	201-075-4	19-Dec-12
120	Pentaleadtetraoxidesulphate	12065-90-6	235-067-7	19-Dec-12
121	Pentacosafuorotridecanoicacid	72629-94-8	276-745-2	19-Dec-12

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
122	Tricosafluorododecanoicacid	307-55-1	206-203-2	19-Dec-12
123	Heptacosafuorotetradecanoicacid	376-06-7	206-803-4	19-Dec-12
124	1-bromopropane (n-propylbromide)	106-94-5	203-445-0	19-Dec-12
125	Methoxyaceticacid	625-45-6	210-894-6	19-Dec-12
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	19-Dec-12
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	19-Dec-12
128	Trileaddioxidephosphonate	12141-20-7	235-252-2	19-Dec-12
129	o-aminoazotoluene	97-56-3	202-591-2	19-Dec-12
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	19-Dec-12
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	19-Dec-12
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	19-Dec-12
133	Biphenyl-4-ylamine	92-67-1	202-177-1	19-Dec-12
134	Diisopentylphthalate	605-50-5	210-088-4	19-Dec-12
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	19-Dec-12
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	19-Dec-12
137	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	19-Dec-12
138	Lead cyanamidate	20837-86-9	244-073-9	19-Dec-12
139	Cadmium	3825-26-1	231-152-8	20-Jun-13

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
140	Ammoniumpentadecafluorooctanoate (APFO)	335-67-1	223-320-4	20-Jun-13
141	Pentadecafluorooctanoicacid (PFOA)	131-18-0	206-397-9	20-Jun-13
142	Dipentylphthalate (DPP)		205-017-9	20-Jun-13
143	<b>4-Nonylphenol, branched and linear, ethoxylated</b> <i>[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]</i>	1306-19-0		20-Jun-13
144	Cadmium oxide	1306-23-6	215-146-2	20-Jun-13
145	Cadmiumsulphide		215-147-8	16-Dec-13
146	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	16-Dec-13
147	Dihexylphthalate	84-75-3	201-559-5	16-Dec-13
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	16-Dec-13
149	Trixylylphosphate	25155-23-1	246-677-8	16-Dec-13
150	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	16-Dec-13
151	Lead di(acetate)	301-04-2	206-104-4	16-Dec-13
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexylphthalate (DIHP))	68515-50-4	271-093-5	16-Jun-14
153	Sodium perborate; perboric acid, sodium salt	--	239-172-9/ 234-390-0	16-Jun-14
154	Sodium peroxometaborate	7632-04-4	231-556-4	16-Jun-14

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
155	Cadmium chloride	10108-64-2	233-296-7	16-Jun-14
156	Cadmium sulphate	10124-36-4,31119-53-6	233-331-6	17-Dec-14
157	Cadmium fluoride	7790-79-6	232-222-0	17-Dec-14
158	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17-Dec-14
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)	--	--	17-Dec-14
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	17-Dec-14
161	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17-Dec-14
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	15-Jun-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)	--	--	15-Jun-15
164	1,3-propanesultone	1120-71-4	214-317-9	17-dec-15
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	17-dec-15
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	17-dec-15
167	Nitrobenzene	98-95-3	202-716-0	17-dec-15

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	17-dec-15
169	Benzo[def]chrysene	50-32-8	200-028-5	20-jun-16
170	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	12-jan-17
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts. Nonadecafluorodecanoic acid Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	335-76-2 3108-42-7 3830-45-3	206-400-3 221-470-5 --	12-jan-17
172	4-Heptylphenol, branched and linear	--	--	12-jan-17
173	4,4'-isopropylidenediphenol	80-05-7	201-245-8	12-jan-17
174	Perfluorohexane-1-sulphonic acid and its salts	--	--	07-jul-17
175	Benz[a]anthracene	56-55-3 1718-53-2	200-280-6	15-Jan-18
176	Cadmium carbonate	208-168-9	513-78-0	15-Jan-18
177	Cadmium hydroxide	244-168-5	21041-95-2	15-Jan-18
178	Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	15-Jan-18
179	Chrysene	205-923-4	218-01-9, 1719-03-5	15-Jan-18
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) <i>covering any of its individual anti- and syn-isomers or any combination thereof</i>	--	--	15-Jan-18

## Quality & Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)	--	--	15-Jan-18
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	209-008-0	27-Jun-18
183	Benzo[ghi]perylene	191-24-2	205-883-8	27-Jun-18
184	Decamethylcyclopentasiloxane	541-02-6	208-764-9	27-Jun-18
185	Dicyclohexyl phthalate	84-61-7	201-545-9	27-Jun-18
186	Disodium octaborate	12008-41-2	234-541-0	27-Jun-18
187	Dodecamethylcyclohexasiloxane	540-97-6	208-762-8	27-Jun-18
188	Ethylenediamine	107-15-3	203-468-6	27-Jun-18
189	Lead (*)	7439-92-1	231-100-4	27-Jun-18
190	Octamethylcyclotetrasiloxane	556-67-2	209-136-7	27-Jun-18
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	27-Jun-18
192	Pyrene	129-00-0 1718-52-1	204-927-3	15-Jan-19
193	Phenanthrene	85-01-8	201-581-5	15-Jan-19
194	Fluoranthene	206-44-0 93951-69-0	205-912-4	15-Jan-19

(\*) Lead, which was added to the REACH Annex XIV as a Substance of Very High Concern (SVHC) on June 27th, 2018, can be present in some of our products. In such cases the lead is RoHS exempted with 7a (lead in high melting temperature type die attach solders) or 7c (lead in glass or ceramic). If present, Lead is listed in a material declaration.

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
195	Benzo[k]fluoranthene	207-08-9	205-916-6	15-Jan-19
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	15-Jan-19
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one <i>3-benzylidene camphor; 3-BC</i>	15087-24-8	239-139-9	15-Jan-19
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	--	--	16-Jul-19
199	2-methoxyethyl acetate	203-772-9	110-49-6	16-Jul-19
200	4-tert-butylphenol	202-679-0	98-54-4	16-Jul-19
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	16-Jul-19
202	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	16-Jan-20
203	Diisohexyl phthalate	71850-09-4	276-090-2	16-Jan-20
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	16-Jan-20
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	16-Jan-20
206	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	25-Jun-20
207	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	25-Jun-20
208	2-methylimidazole	693-98-1	211-765-7	25-Jun-20
209	1-vinylimidazole	1072-63-5	214-012-0	25-Jun-20
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	19-Jan-21



## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
211	<b>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</b> <i>diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC n°: -   número CAS.: - Stannane, dioctyl-, bis(coco acyloxy) derivs. EC n°: 293-901-5   número CAS.: 91648-39-4 Diocetyl tin dilaurate EC n°: 222-883-3   número CAS.: 36</i>	--	--	19-Jan-21
212	<b>1,4-dioxane</b>	123-91-1	204-661-8	08-Jul-21
213	<b>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)</b>	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9	221-967-7, 253-057-0, 202-480-9 --	08-Jul-21
214	<b>2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers</b> <i>(2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC n°: -   número CAS.: 75166-31-3; 2-(4-tert-butylbenzyl)propionaldehyde EC n°: 201-289-8   número CAS.: 80-54-6; (2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC n°: -   número CAS.: 75166-30-2</i>	--	--	08-Jul-21
215	<b>4,4'-(1-methylpropylidene)bisphenol</b>	77-40-7	201-025-1	08-Jul-21
216	<b>glutaral</b>	111-30-8	203-856-5	08-Jul-21
217	<b>Medium-chain chlorinated paraffins (MCCP)</b> <i>UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17</i>	1372804-76-6, 85535-85-9, --, 198840-65-2	--, 287-477-0, 950-299-5, --	08-Jul-21
218	<b>orthoboric acid, sodium salt:</b> <i>boric acid (H3BO3), sodium salt, hydrate EC n°: -   número CAS.: 25747-83-5 Boric acid (H3BO3), disodium salt EC n°: -   número CAS.: 22454-04-2 Trisodium orthoborate EC n°: 238-253-6   número CAS.: 14312-40-4 Boric acid, sodium salt EC n°: 215-604-1   número CAS.: 1333-73-9 Orthoboric acid, sodium salt EC n°: 237-560-2   número CAS.: 13840-56-7 Boric acid (H3BO3), sodium salt (1:1) EC n°: -   número CAS.: 14890-53-0</i>	--	--	08-Jul-21

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
219	<b>Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)</b> <i>Phenol, 4-dodecyl, branched EC n°: -   número CAS.: 210555-94-5</i> <i>4-isododecylphenol EC n°: -   número CAS.: 27459-10-5</i> <i>Phenol, 4-isododecyl- EC n°: -   número CAS.: 27147-75-7</i> <i>Phenol, dodecyl-, branched EC n°: 310-154-3   número CAS.: 121158-58-5</i> <i>Phenol, (tetrapropenyl) derivatives EC n°: -   número CAS.: 74499-35-7</i> <i>Phenol, tetrapropylene- EC n°: -   número CAS.: 57427-55-1</i>	--	--	08-Jul-21
220	<b>6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol</b>	119-47-1	204-327-1	17-Jan-22
221	<b>tris(2-methoxyethoxy)vinylsilane</b>	1067-53-4	213-934-0	17-Jan-22
222	<b>(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one</b> ( <i>individual isomers and/or combinations thereof (4-MBC)</i> )	--	--	17-Jan-22
223	<b>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</b>	255881-94-8	401-850-9	17-Jan-22
224	<b>N-(hydroxymethyl)acrylamide</b>	924-42-5	213-103-2	10-Jun-22
225	<b>1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]</b>	37853-59-1	253-692-3	17-Jan-23
226	<b>2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol</b>	79-94-7	201-236-9	17-Jan-23
227	<b>4,4'-sulphonyldiphenol</b>	80-09-1	201-250-5	17-Jan-23
228	<b>Barium diboron tetraoxide</b>	13701-59-2	237-222-4	17-Jan-23

## Quality&Environment

Fagor Electrónica Semiconductores

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Date of inclusion by ECHA
229	<b>bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof</b> <i>Bis(2-ethylhexyl) tetrabromophthalate EC n°: 247-426-5   número CAS.: 26040-51-7</i>	--	--	17-Jan-23
230	<b>Isobutyl 4-hydroxybenzoate</b>	4247-02-3	224-208-8	17-Jan-23
231	<b>Melamine</b>	108-78-1	203-615-4	17-Jan-23
232	<b>Perfluoroheptanoic acid and its salts</b> <i>Ammonium perfluoroheptanoate EC n°: 228-098-2   número CAS.: 6130-43-4</i> <i>potassium perfluoroheptanoate EC n°: -   número CAS.: 21049-36-5</i> <i>Perfluoroheptanoic acid EC n°: 206-798-9   número CAS.: 375-85-9</i> <i>Sodium perfluoroheptanoate EC n°: 243-518-4   número CAS.: 20109-59-5</i>	--	--	17-Jan-23
233	<b>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</b>	--	473-390-7	17-Jan-23