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June 21, 2016
To whom it may concern

Subject: Declaration of compliance with 169 SVHCs (< 0.1%w/w) under REACH (Regulation NO. 1907/2006/EC)

We hereby declare tabulated Globalene products do not contain substance specified in Candidate list of Substances of Very High Concern (169 SVHCs) as intentionally added component and comply with threshold limits of 0.1%(w/w).

PT181	**6733**	**PT100**	**PT101N**	**PD402**	**PC366-3**	**PC366-4**
PC366-5	**PC366-5F**	**6524**	**6331-8**	**PD943**	**6331-11**	**PT331M**
6331	**6331F**	**657H**	**6231-20**	**PT231**	**PT231M**	**HP600S**
PC932	**HP560P**	**HP561R**	**HP563S**	**6560**	**657H**	
7633	**7633U**	**7633-3**	**7533**	**7433**	**7433-9**	**ST031**
ST751	**7233N**	**7011**	**7012**	**749U**	**7872**	**7533N**
8001	**8002**	**8181**	**ST611**	**ST611M**	**ST611K**	**ST866**
ST866K	**ST861**	**ST868M**	**ST868K**	**868H**	**8681**	**ST869K**
ST860K	**8888**	**6181**	**PT103**	**ST612**	**STM866**	**ST757M**
8661	**ST8461**					
667A	**8191**	**8491**	**8493**	**8494**	**7520**	

The current list of 169 SVHCs can refer to attachment or below website.

http://echa.europa.eu/web/guest/candidate-list-table

L.D. Chang
Product Stewardship Committee

Attachment: 169 SVHCs under REACH (15th updated on June 20, 2016)

NO.	Substances	N° CAS	N° EC	Date of inclusion
1	Sodium dichromate	7789-12-0 10588-01-9	234-190-3	28/10/2008
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	28/10/2008
3	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	28/10/2008
4	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	28/10/2008
5	Triethyl arsenate	15606-95-8	427-700-2	28/10/2008
6	Dibutyl phthalate (DBP)	84-74-2	201-557-4	28/10/2008
7	Diarsenic trioxide	1327-53-3	215-481-4	28/10/2008
8	Anthracene	120-12-7	204-371-1	28/10/2008
9	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	28/10/2008
10	Lead hydrogen arsenate	7784-40-9	232-064-2	28/10/2008
11	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	28/10/2008
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4 3194-55-6	247-148-4 221-695-9	28/10/2008
13	Diarsenic pentaoxide	1303-28-2	215-116-9	28/10/2008
14	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	28/10/2008
15	Cobalt dichloride	7646-79-9	231-589-4	20/06/2011 - 2008/10/28
16	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	13/01/2010
17	Lead chromate	7758-97-6	231-846-0	13/01/2010
18	Anthracene oil, anthracene-low	90640-82-7	292-604-8	13/01/2010
19	2,4-Dinitrotoluene	121-14-2	204-450-0	13/01/2010
20	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	13/01/2010
21	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	13/01/2010
22	Anthracene oil	90640-80-5	292-602-7	13/01/2010
23	Aluminosilicate Refractory Ceramic Fibres	650-017-00-8	-	19/12/2011 - 13/01/2010
24	Zirconia Aluminosilicate Refractory Ceramic Fibres	650-017-00-8	-	19/12/2011 - 13/01/2010
25	Pitch, coal tar, high temp.	65996-93-2	266-028-2	13/01/2010
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	13/01/2010
27	Anthracene oil, anthracene paste,distn. lights	91995-17-4	295-278-5	13/01/2010
28	Diisobutyl phthalate	84-69-5	201-553-2	13/01/2010

29	Anthracene oil, anthracene paste	90640-81-6	292-603-2	13/01/2010
30	Acrylamide	79-06-1	201-173-7	30/03/2010
31	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	215-540-4	18/06/2010
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	18/06/2010
33	Potassium dichromate	7778-50-9	231-906-6	18/06/2010
34	Ammonium dichromate	2151163	232-143-1	18/06/2010
35	Trichloroethylene	79-01-6	201-167-4	18/06/2010
36	Sodium chromate	2146108	231-889-5	18/06/2010
37	Potassium chromate	7789-00-6	232-140-5	18/06/2010
38	Boric acid	10043-35-3 11113-50-1	233-139-2, 234-343-4	18/06/2010
39	Acids generated from chromium trioxide and their oligomers: - Chromic acid - Dichromic acid	7738-94-5, 13530-68-2	231-801-5, 236-881-5	15/12/2010
40	Cobalt(II) carbonate	513-79-1	208-169-4	15/12/2010
41	Cobalt(II) diacetate	71-48-7	200-755-8	15/12/2010
42	2-Methoxyethanol	109-86-4	203-713-7	15/12/2010
43	Chromium trioxide	1333-82-0	215-607-8	15/12/2010
44	Cobalt(II) dinitrate	10141-05-6	233-402-1	15/12/2010
45	Cobalt(II) sulphate	10124-43-3	233-334-2	15/12/2010
46	2-Ethoxyethanol	110-80-5	203-804-1	15/12/2010
47	1,2,3-Trichloropropane	96-18-4	202-486-1	20/06/2011
48	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	20/06/2011
49	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	20/06/2011
50	Hydrazine	302-01-2, 7803-57-8	206-114-9	20/06/2011
51	Strontium chromate	7789-06-2	232-142-6	20/06/2011
52	2-Ethoxyethyl acetate	111-15-9	203-839-2	20/06/2011
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	20/06/2011
54	Calcium arsenate	7778-44-1	231-904-5	19/12/2011
55	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	19/12/2011
56	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	19/12/2011
57	Lead dipicrate	6477-64-1	229-335-2	19/12/2011
58	N,N-dimethylacetamide	127-19-5	204-826-4	19/12/2011

59	Arsenic acid	7778-39-4	231-901-9	19/12/2011
60	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	19/12/2011
61	Trilead diarsenate	3687-31-8	222-979-5	19/12/2011
62	1,2-dichloroethane	107-06-2	203-458-1	19/12/2011
63	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	19/12/2011
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	19/12/2011
65	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	19/12/2011
66	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	19/12/2011
67	Lead diazide, Lead azide	13424-46-9	236-542-1	19/12/2011
68	Lead styphnate	15245-44-0	239-290-0	19/12/2011
69	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	19/12/2011
70	Phenolphthalein	77-09-8	201-004-7	19/12/2011
71	Dichromium tris (chromate)	24613-89-6	246-356-2	19/12/2011
72	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	18/06/2012
73	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	18/06/2012
74	[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	18/06/2012
75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	18/06/2012
76	[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	18/06/2012
77	Formamide	75-12-7	200-842-0	18/06/2012
78	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	18/06/2012
79	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	18/06/2012
80	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	18/06/2012
81	Diboron trioxide	1303-86-2	215-125-8	18/06/2012
82	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	423-400-0	18/06/2012
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	18/06/2012
84	α,α-Bis[4-(dimethylamino)phenyl]-4	6786-83-0	229-851-8	18/06/2012

	(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)]*			
85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	19/12/2012
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	19/12/2012
87	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	19/12/2012
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	47-094-1, 243-072-0, 256-356-4, 260-566-1	19/12/2012
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	19/12/2012
90	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	19/12/2012
91	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	19/12/2012
92	Lead dinitrate	10099-74-8	233-245-9	19/12/2012
93	Silicic acid, lead salt	11120-22-2	234-363-3	19/12/2012
94	4-Aminoazobenzene	60-09-3	200-453-6	19/12/2012
95	Lead titanium zirconium oxide	12626-81-2	235-727-4	19/12/2012
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	19/12/2012
97	o-Toluidine	95-53-4	202-429-0	19/12/2012
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	19/12/2012
99	Silicic acid (H2Si2O5), 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	19/12/2012
100	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	19/12/2012
101	Furan	110-00-9	203-727-3	19/12/2012
102	N,N-dimethylformamide	68-12-2	200-679-5	19/12/2012
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	19/12/2012
104	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number	-	-	19/12/2012

	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]			
105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	19/12/2012
106	Diethyl sulphate	64-67-5	200-589-6	19/12/2012
107	Dimethyl sulphate	77-78-1	201-058-1	19/12/2012
108	Lead oxide sulfate	12036-76-9	234-853-7	19/12/2012
109	Lead titanium trioxide	12060-00-3	235-038-9	19/12/2012
110	Acetic acid, lead salt, basic	51404-69-4	257-175-3	19/12/2012
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	19/12/2012
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	19/12/2012
113	N-methylacetamide	79-16-3	201-182-6	19/12/2012
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	19/12/2012
115	1,2-Diethoxyethane	629-14-1	211-076-1	19/12/2012
116	Tetralead trioxide sulphate	12202-17-4	235-380-9	19/12/2012
117	N-pentyl-isopentylphthalate	776297-69-9	-	19/12/2012
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	19/12/2012
119	Tetraethyllead	78-00-2	201-075-4	19/12/2012
120	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	19/12/2012
121	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	19/12/2012
122	Tricosafluorododecanoic acid	307-55-1	206-203-2	19/12/2012
123	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	19/12/2012
124	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	19/12/2012
125	Methoxyacetic acid	625-45-6	210-894-6	19/12/2012
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	19/12/2012
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	19/12/2012
128	Trilead dioxide phosphonate	12141-20-7	235-252-2	19/12/2012
129	o-aminoazotoluene	97-56-3	202-591-2	19/12/2012
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	19/12/2012
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	19/12/2012
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	19/12/2012
133	Biphenyl-4-ylamine	92-67-1	202-177-1	19/12/2012
134	Diisopentylphthalate	605-50-5	210-088-4	19/12/2012
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	19/12/2012
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	19/12/2012
137	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	19/12/2012
138	Lead cyanamidate	20837-86-9	244-073-9	19/12/2012
139	Cadmium	7440-43-9	231-152-8	20/06/2013
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	20/06/2013

141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	20/06/2013
142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	20/06/2013
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]			20/06/2013
144	Cadmium oxide	1306-19-0	215-146-2	20/06/2013
145	Cadmium sulphide	1306-23-6	215-147-8	16/12/2013
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	16/12/2013
147	Dihexyl phthalate	84-75-3	201-559-5	16/12/2013
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	16/12/2013
149	Trixylyl phosphate	25155-23-1	246-677-8	16/12/2013
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	16/12/2013
151	Lead di(acetate)	301-04-2	206-104-4	16/12/2013
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	16/6/2014
153	Cadmium chloride	10108-64-2	233-296-7	16/6/2014
154	Sodium perborate; perboric acid, sodium salt	-	239-172-9 234-390-0	16/6/2014
155	Sodium peroxometaborate	7632-04-4	231-556-4	16/6/2014
156	Cadmium fluoride	7790-79-6	232-222-0	17/12/2014
157	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	17/12/2014
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17/12/2014
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17/12/2014
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia -4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	17/12/2014
161	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-stanna tetradecanoate (reaction mass of DOTE and MOTE)	-	-	17/12/2014
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	271-094-0	15/06/2015

		68648-93-1	272-013-1	
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]	-	-	15/06/2015
164	1,3-propanesultone	1120-71-4	214-317-9	17/12/2015
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	17/12/2015
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	17/12/2015
167	Nitrobenzene	98-95-3	202-716-0	17/12/2015
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	17/12/2015
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	20/06/2016