



REACH Compliance Declaration

To whom it may concern,

Challenge Electronics acknowledges being producers, importers and marketers of electronic devices and certifies to the best of our knowledge all Challenge Electronics product lines do not contain elements of the 1907/2006 declaration concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Substances of Very High Concern (SVHC) and all accompanying Annexes. An exemption is in place for piezoelectric indicators and transducers which contain Lead Zirconate Titanate (PZT) Ceramics with more than 0.1% (w/w) of REACH Candidate List SVHC Lead-Zirconium-Titanium-Oxide (CAS 12626-81-2), which is a key ingredient of the Piezoelectric-Ceramic-Disc in alarm operation and allowed under the Article 4(1): 7(c)-I exemption from 2011/65/EU Annex III.

However, certain products requiring high temperature conditions have been initially designed prior to establishment of the accompanying SVHC restriction and as such are incorporated in designs. The chemical used is Lead, CAS number 7439-21-1. Challenge Electronics does its best to offer designs not incorporating the problem chemical and can offer crosses to all parts which contain the chemical. The only current PNs which affected by this concern are SMD Electromagnetic/Piezoelectric Indicators/Transducers of PNs per the below table.

Part Type	Part Number
SMD Electromagnetic Transducer	CEET128N071-16-205-24PLR
SMD Electromagnetic Transducer	CEET105A025-16-2545-27MLR
SMD Electromagnetic Transducer	CT8ES-06273-1
SMD Piezoelectric Transducer	CEPT122S048-125-20MR
SMD Piezoelectric Transducer	CEPT090L019-125-40MR
SMD Piezoelectric Transducer	CPT24GS12-3.0-P3R
SMD Piezoelectric Transducer	CSPT22A12-4.0
SMD Piezoelectric Indicator	CEPB143N072-316C40MR

To obtain a cross to a part which does not contain Lead, please contact your local Challenge Electronics sales representative. All other parts are fully compliant as per the above and all future part recommendations are made to parts which are fully compliant.

The statements in this letter regarding REACH and the accompanying Substances of Very High Concern (SVHC) List and Annexes do not extend to, or apply to any product subjected to unintended contamination, misuse, neglect, accident, improper installation, or used in violation of Challenge Electronics recommendations. The statement is made to the best of our knowledge based on supplier certifications, confirmations and independent testing. All enquiries related to REACH and SVHCs could be sent to our Compliance Coordinator and Engineering Director, Joshua Klyman, by e-mail at jklyman@challelec.com.

Joshua Klyman
Engineering Director
1/29/24

**REACH SVHC List: 240 Substances**ECHA Source: <http://echa.europa.eu/candidate-list-table>More Info: <http://www.chemsafetypro.com>

	Name	EC Number	CAS Number	Date of inclusion
1	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	01/23/2024
2	Bumetrizole (UV-326)	223-445-4	3896-11-5	01/23/2024
3	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	01/23/2024
4	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9	01/23/2024
5	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	01/23/2024
6	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	06/14/2023
7	bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	06/14/2023
8	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	473-390-7	-	01/17/2023
9	Perfluoroheptanoic acid and its salts	-	-	01/17/2023
10	Melamine	203-615-4	108-78-1	01/17/2023
11	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	01/17/2023
12	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	01/17/2023
13	Barium diboron tetraoxide	237-222-4	13701-59-2	01/17/2023
14	4,4'-sulphonyldiphenol	201-250-5	80-09-1	01/17/2023
15	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	01/17/2023
16	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	01/17/2023
17	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	06/10/2022
18	tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	01/17/2022
19	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	201-850-9	255881-94-8	01/17/2022
20	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	01/17/2022
21	(±)-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)	-	-	01/17/2022
22	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	07/08/2021
23	orthoboric acid, sodium salt	-	-	07/08/2021
24	Medium-chain chlorinated paraffins (MCCP)	-	-	07/08/2021
25	glutaral	203-856-5	111-30-8	07/08/2021
26	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	07/08/2021
27	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	07/08/2021
28	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)	-	-	07/08/2021
29	1,4-dioxane	204-661-8	123-91-1	07/08/2021
30	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	01/19/2021
31	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	-	-	01/19/2021
32	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	06/25/2020
33	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	06/25/2020
34	2-methylimidazole	211-765-7	693-98-1	06/25/2020
35	1-vinylimidazole	214-012-0	1072-63-5	06/25/2020
36	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	01/16/2020
37	Diisohexyl phthalate	276-090-2	71850-09-4	01/16/2020
38	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	01/16/2020
39	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	01/16/2020
40	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	07/16/2019
41	2-methoxyethyl acetate	203-772-9	110-49-6	07/16/2019
42	4-tert-butylphenol	202-679-0	98-54-4	07/16/2019
43	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	07/16/2019
44	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	01/15/2019
45	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	01/15/2019
46	Benzo[k]fluoranthene	205-916-6	207-08-9	01/15/2019
47	Fluoranthene	205-912-4	206-44-0; 93951-69-0	01/15/2019
48	Phenanthrene	201-581-5	85-01-8	01/15/2019
49	Pyrene	204-927-3	129-00-0; 1718-52-1	01/15/2019
50	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	209-008-0	552-30-7	06/27/2018
51	Benzo[ghi]perylene	205-883-8	191-24-2	06/27/2018
52	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	06/27/2018
53	Dicyclohexyl Phthalate (DCHP)	201-545-9	84-61-7	06/27/2018
54	Disodium Octaborate	234-541-0	12008-41-2	06/27/2018
55	Dodecamethylcyclohexasiloxane (D6)	208-762-8	240-97-6	06/27/2018
56	Ethylenediamine (EDA)	203-468-6	107-15-3	06/27/2018
57	Lead	231-100-4	7439-21-1	06/27/2018
58	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	06/27/2018
59	Terphenyl, Hydrogenated	262-967-7	61788-32-7	06/27/2018
60	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™")	-	-	01/15/2018



61	Benz[a]anthracene	200/280-6	56-55-3, 1718-53-2	01/15/2018
62	Cadmium carbonate	208-168-9	513-78-0	01/15/2018
63	Cadmium hydroxide	244-168-5	21041-95-2	01/15/2018
64	Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	01/15/2018
65	Chrysene	205-923-4	218-01-9, 1719-03-5	01/15/2018
66	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	01/15/2018
67	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	-	07/07/2017
68	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7	12/01/2017
69	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3	335-76-2	12/01/2017
70	4-heptylphenol, branched and linear (4-HPbl)	-	-	12/01/2017
71	p-(1,1-dimethylpropyl)phenol (PTAP)	201-280-9	80-46-6	12/01/2017
72	Benzo[def]chrysene	200-028-5	50-32-8	06/20/2016
73	Nitrobenzene	202-716-0	98-95-3	12/17/2015
74	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	12/17/2015
75	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	12/17/2015
76	1,3-propanesultone	214-317-9	1120-71-4	12/17/2015
77	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1, 21049-39-8, 4149-60-4	12/17/2015
78	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)	271-094-0, 272-013-1	68515-51-5, 68648-93-1	6/15/2015
79	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]	-	-	6/15/2015
80	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	12/17/2014 - 10/28/2008
81	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	12/17/2014
82	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	12/17/2014
83	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	12/17/2014
84	Cadmium fluoride	232-222-0	7790-79-6	12/17/2014
85	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	12/17/2014
86	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)	-	-	12/17/2014
87	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	271-093-5	68515-50-4	6/16/2014
88	Cadmium chloride	233-296-7	10108-64-2	6/16/2014
89	Sodium perborate,perboric acid, sodium salt	239-172-9, 234-390-0		6/16/2014
90	Sodium peroxometaborate	231-556-4	7632-4-4,	6/16/2014
91	Cadmium sulphide	215-147-8	1306-23-6	12/16/2013
92	Dihexyl phthalate	201-559-5	84-75-3	12/16/2013
93	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	12/16/2013
94	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)	217-710-3	1937-37-7	12/16/2013
95	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	12/16/2013
96	Lead di(acetate)	206-104-4	301-04-2	12/16/2013
97	Trixylyl phosphate	246-677-8	25155-23-1	12/16/2013
98	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]	-	-	6/20/2013
99	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	6/20/2013
100	Cadmium	231-152-8	7440-43-9	6/20/2013
101	Cadmium oxide	215-146-2	1306-19-0	6/20/2013
102	Dipentyl phthalate (DPP)	205-017-9	131-18-0	6/20/2013
103	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	6/20/2013
104	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	12/19/2012
105	1,2-Diethoxyethane	211-076-1	629-14-1	12/19/2012
106	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	12/19/2012
107	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	12/19/2012
108	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	12/19/2012
109	4,4'-oxydianiline and its salts	202-977-0	101-80-4	12/19/2012
110	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	12/19/2012
111	4-Aminoazobenzene	200-453-6	60-09-3	12/19/2012
112	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	12/19/2012
113	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]	-	-	12/19/2012
114	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	12/19/2012
115	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	12/19/2012
116	Acetic acid, lead salt, basic	257-175-3	51404-69-4	12/19/2012
117	Biphenyl-4-ylamine	202-177-1	92-67-1	12/19/2012
118	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	12/19/2012
119	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	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	12/19/2012



	substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]			
120	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	12/19/2012
121	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	12/19/2012
122	Diethyl sulphate	200-589-6	64-67-5	12/19/2012
123	Diisopentylphthalate	210-088-4	605-50-5	12/19/2012
124	Dimethyl sulphate	201-058-1	77-78-1	12/19/2012
125	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	12/19/2012
126	Dioxobis(stearato)trilead	235-702-8	12578-12-0	12/19/2012
127	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	12/19/2012
128	Furan	203-727-3	110-00-9	12/19/2012
129	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	12/19/2012
130	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	12/19/2012
131	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]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	12/19/2012
132	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	12/19/2012
133	Lead cyanamidate	244-073-9	20837-86-9	12/19/2012
134	Lead dinitrate	233-245-9	10099-74-8	12/19/2012
135	Lead monoxide (lead oxide)	215-267-0	1317-36-8	12/19/2012
136	Lead oxide sulfate	234-853-7	12036-76-9	12/19/2012
137	Lead titanium trioxide	235-038-9	12060-00-3	12/19/2012
138	Lead titanium zirconium oxide	235-727-4	12626-81-2	12/19/2012
139	Methoxyacetic acid	210-894-6	625-45-6	12/19/2012
140	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	12/19/2012
141	N,N-dimethylformamide	200-679-5	68-12-2	12/19/2012
142	N-methylacetamide	201-182-6	79-16-3	12/19/2012
143	N-pentyl-isopentylphthalate		776297-69-9	12/19/2012
144	o-aminoazotoluene	202-591-2	97-56-3	12/19/2012
145	o-Toluidine	202-429-0	95-53-4	12/19/2012
146	Orange lead (lead tetroxide)	215-235-6	1314-41-6	12/19/2012
147	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	12/19/2012
148	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	12/19/2012
149	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	12/19/2012
150	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]	272-271-5	68784-75-8	12/19/2012
151	Silicic acid, lead salt	234-363-3	11120-22-2	12/19/2012
152	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	12/19/2012
153	Tetraethyllead	201-075-4	78-00-2	12/19/2012
154	Tetralead trioxide sulphate	235-380-9	12202-17-4	12/19/2012
155	Tricosafuorododecanoic acid	206-203-2	307-55-1	12/19/2012
156	Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	12/19/2012
157	Trilead dioxide phosphonate	235-252-2	12141-20-7	12/19/2012
158	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	203-977-3	112-49-2	6/18/2012
159	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	6/18/2012
160	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	6/18/2012
161	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	423-400-0	59653-74-6	6/18/2012
162	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)]	209-218-2	561-41-1	6/18/2012
163	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	6/18/2012
164	[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)]	208-953-6	548-62-9	6/18/2012
165	[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)]	219-943-6	2580-56-5	6/18/2012
166	Diboron trioxide	215-125-8	1303-86-2	6/18/2012
167	Formamide	200-842-0	75-12-7	6/18/2012
168	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	6/18/2012
169	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	6/18/2012
170	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)]	229-851-8	6786-83-0	6/18/2012
171	1,2-Dichloroethane	203-458-1	107-06-2	12/19/2011
172	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	12/19/2011
173	2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	12/19/2011
174	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	12/19/2011
175	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 (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	12/19/2011



176	Arsenic acid	231-901-9	7778-39-4	12/19/2011
177	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	12/19/2011
178	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	12/19/2011
179	Calcium arsenate	231-904-5	7778-44-1	12/19/2011
180	Dichromium tris(chromate)	246-356-2	24613-89-6	12/19/2011
181	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	12/19/2011
182	Lead diazide, Lead azide	236-542-1	13424-46-9	12/19/2011
183	Lead dipicrate	229-335-2	6477-64-1	12/19/2011
184	Lead styphnate	239-290-0	15245-44-0	12/19/2011
185	N,N-dimethylacetamide	204-826-4	127-19-5	12/19/2011
186	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	12/19/2011
187	Phenolphthalein	201-004-7	77-09-8	12/19/2011
188	Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	12/19/2011
189	Trilead diarsenate	222-979-5	3687-31-8	12/19/2011
190	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 micrometers (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	12/19/2011
191	Cobalt dichloride	231-589-4	7646-79-9	2011/06/20, 2008/10/28
192	1,2,3-trichloropropane	202-486-1	96-18-4	6/20/2011
193	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	6/20/2011
194	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	6/20/2011
195	1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	6/20/2011
196	2-Ethoxyethyl acetate	203-839-2	111-15-9	6/20/2011
197	Hydrazine	206-114-9	302-01-2, 7803-57-8	6/20/2011
198	Strontium chromate	232-142-6	7789-6-2,	6/20/2011
199	2-Ethoxyethanol	203-804-1	110-80-5	12/15/2010
200	2-Methoxyethanol	203-713-7	109-86-4	12/15/2010
201	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.	231-801-5, 236-881-5	7738-94-5, 13530-68-2	12/15/2010
202	Chromium trioxide	215-607-8	1333-82-0	12/15/2010
203	Cobalt(II) carbonate	208-169-4	513-79-1	12/15/2010
204	Cobalt(II) diacetate	200-755-8	71-48-7	12/15/2010
205	Cobalt(II) dinitrate	233-402-1	10141-05-6	12/15/2010
206	Cobalt(II) sulphate	233-334-2	10124-43-3	12/15/2010
207	Ammonium dichromate	232-143-1	7789-9-5,	6/18/2010
208	Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	6/18/2010
209	Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	6/18/2010
210	Potassium chromate	232-140-5	7789-00-6	6/18/2010
211	Potassium dichromate	231-906-6	7778-50-9	6/18/2010
212	Sodium chromate	231-889-5	7775-11-3,	6/18/2010
213	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	6/18/2010
214	Trichloroethylene	201-167-4	79-01-6	6/18/2010
215	Acrylamide	201-173-7	79-06-1	3/30/2010
216	2,4-Dinitrotoluene	204-450-0	121-14-2	1/13/2010
217	Anthracene oil	292-602-7	90640-80-5	1/13/2010
218	Anthracene oil, anthracene paste	292-603-2	90640-81-6	1/13/2010
219	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	1/13/2010
220	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	1/13/2010
221	Anthracene oil, anthracene-low	292-604-8	90640-82-7	1/13/2010
222	Diisobutyl phthalate	201-553-2	84-69-5	1/13/2010
223	Lead chromate	231-846-0	7758-97-6	1/13/2010
224	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	1/13/2010
225	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	1/13/2010
226	Pitch, coal tar, high temp.	266-028-2	65996-93-2	1/13/2010
227	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	1/13/2010
228	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	10/28/2008
229	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	10/28/2008
230	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	10/28/2008
231	Anthracene	204-371-1	120-12-7	10/28/2008
232	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	10/28/2008
233	Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	10/28/2008
234	Diarsenic pentaoxide	215-116-9	1303-28-2	10/28/2008
235	Diarsenic trioxide	215-481-4	1327-53-3	10/28/2008
236	Dibutyl phthalate (DBP)	201-557-4	84-74-2	10/28/2008
237	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4, 221-695-9	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	10/28/2008
238	Lead hydrogen arsenate	232-064-2	7784-40-9	10/28/2008
239	Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	10/28/2008
240	Triethyl arsenate	427-700-2	15606-95-8	10/28/2008



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