



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
08/23/21



REACH SVHC List: 219 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	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
2	orthoboric acid, sodium salt	-	-	07/08/2021
3	Medium-chain chlorinated paraffins (MCCP)	-	-	07/08/2021
4	glutaral	203-856-5	111-30-8	07/08/2021
5	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	07/08/2021
6	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	07/08/2021
7	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
8	1,4-dioxane	204-661-8	123-91-1	07/08/2021
9	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	01/19/2021
10	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
11	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	06/25/2020
12	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	06/25/2020
13	2-methylimidazole	211-765-7	693-98-1	06/25/2020
14	1-vinylimidazole	214-012-0	1072-63-5	06/25/2020
15	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	01/16/2020
16	Diisohexyl phthalate	276-090-2	71850-09-4	01/16/2020
17	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	01/16/2020
18	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	01/16/2020
19	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	07/16/2019
20	2-methoxyethyl acetate	203-772-9	110-49-6	07/16/2019
21	4-tert-butylphenol	202-679-0	98-54-4	07/16/2019
22	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	07/16/2019
23	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	01/15/2019
24	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	01/15/2019
25	Benzo[k]fluoranthene	205-916-6	207-08-9	01/15/2019
26	Fluoranthene	205-912-4	206-44-0; 93951-69-0	01/15/2019
27	Phenanthrene	201-581-5	85-01-8	01/15/2019
28	Pyrene	204-927-3	129-00-0; 1718-52-1	01/15/2019
29	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	209-008-0	552-30-7	06/27/2018
30	Benzo[ghi]perylene	205-883-8	191-24-2	06/27/2018
31	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	06/27/2018
32	Dicyclohexyl Phthalate (DCHP)	201-545-9	84-61-7	06/27/2018
33	Disodium Octaborate	234-541-0	12008-41-2	06/27/2018
34	Dodecamethylcyclohexasiloxane (D6)	208-762-8	240-97-6	06/27/2018
35	Ethylenediamine (EDA)	203-468-6	107-15-3	06/27/2018
36	Lead	231-100-4	7439-21-1	06/27/2018
37	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	06/27/2018
38	Terphenyl, Hydrogenated	262-967-7	61788-32-7	06/27/2018
39	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
40	Benz[a]anthracene	200/280-6	56-55-3, 1718-53-2	01/15/2018
41	Cadmium carbonate	208-168-9	513-78-0	01/15/2018
42	Cadmium hydroxide	244-168-5	21041-95-2	01/15/2018
43	Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	01/15/2018
44	Chrysene	205-923-4	218-01-9, 1719-03-5	01/15/2018
45	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	01/15/2018
46	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	-	07/07/2017
47	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7	12/01/2017
48	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3	335-76-2	12/01/2017
49	4-heptylphenol, branched and linear (4-HPbl)	-	-	12/01/2017
50	p-(1,1-dimethylpropyl)phenol (PTAP)	201-280-9	80-46-6	12/01/2017
51	Benzo[def]chrysene	200-028-5	50-32-8	06/20/2016
52	Nitrobenzene	202-716-0	98-95-3	12/17/2015
53	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	12/17/2015
54	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	12/17/2015
55	1,3-propanesultone	214-317-9	1120-71-4	12/17/2015
56	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
57	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
58	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



59	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	12/17/2014 - 10/28/2008
60	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	12/17/2014
61	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	12/17/2014
62	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
63	Cadmium fluoride	232-222-0	7790-79-6	12/17/2014
64	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	12/17/2014
65	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
66	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	271-093-5	68515-50-4	6/16/2014
67	Cadmium chloride	233-296-7	10108-64-2	6/16/2014
68	Sodium perborate,perboric acid, sodium salt	239-172-9, 234-390-0		6/16/2014
69	Sodium peroxometaborate	231-556-4	7632-4-4,	6/16/2014
70	Cadmium sulphide	215-147-8	1306-23-6	12/16/2013
71	Dihexyl phthalate	201-559-5	84-75-3	12/16/2013
72	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
73	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
74	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	12/16/2013
75	Lead di(acetate)	206-104-4	301-04-2	12/16/2013
76	Trixylyl phosphate	246-677-8	25155-23-1	12/16/2013
77	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
78	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	6/20/2013
79	Cadmium	231-152-8	7440-43-9	6/20/2013
80	Cadmium oxide	215-146-2	1306-19-0	6/20/2013
81	Dipentyl phthalate (DPP)	205-017-9	131-18-0	6/20/2013
82	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	6/20/2013
83	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	12/19/2012
84	1,2-Diethoxyethane	211-076-1	629-14-1	12/19/2012
85	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	12/19/2012
86	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	12/19/2012
87	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	12/19/2012
88	4,4'-oxydianiline and its salts	202-977-0	101-80-4	12/19/2012
89	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	12/19/2012
90	4-Aminoazobenzene	200-453-6	60-09-3	12/19/2012
91	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	12/19/2012
92	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
93	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	12/19/2012
94	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	12/19/2012
95	Acetic acid, lead salt, basic	257-175-3	51404-69-4	12/19/2012
96	Biphenyl-4-ylamine	202-177-1	92-67-1	12/19/2012
97	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	12/19/2012
98	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]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	12/19/2012
99	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	12/19/2012
100	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	12/19/2012
101	Diethyl sulphate	200-589-6	64-67-5	12/19/2012
102	Diisopentylphthalate	210-088-4	605-50-5	12/19/2012
103	Dimethyl sulphate	201-058-1	77-78-1	12/19/2012
104	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	12/19/2012
105	Dioxobis(stearato)trilead	235-702-8	12578-12-0	12/19/2012
106	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	12/19/2012
107	Furan	203-727-3	110-00-9	12/19/2012
108	Henicosfluoroundecanoic acid	218-165-4	2058-94-8	12/19/2012
109	Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	12/19/2012
110	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
111	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	12/19/2012
112	Lead cyanamidate	244-073-9	20837-86-9	12/19/2012
113	Lead dinitrate	233-245-9	10099-74-8	12/19/2012
114	Lead monoxide (lead oxide)	215-267-0	1317-36-8	12/19/2012
115	Lead oxide sulfate	234-853-7	12036-76-9	12/19/2012
116	Lead titanium trioxide	235-038-9	12060-00-3	12/19/2012
117	Lead titanium zirconium oxide	235-727-4	12626-81-2	12/19/2012



118	Methoxyacetic acid	210-894-6	625-45-6	12/19/2012
119	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	12/19/2012
120	N,N-dimethylformamide	200-679-5	68-12-2	12/19/2012
121	N-methylacetamide	201-182-6	79-16-3	12/19/2012
122	N-pentyl-isopentylphthalate		776297-69-9	12/19/2012
123	o-aminoazotoluene	202-591-2	97-56-3	12/19/2012
124	o-Toluidine	202-429-0	95-53-4	12/19/2012
125	Orange lead (lead tetroxide)	215-235-6	1314-41-6	12/19/2012
126	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	12/19/2012
127	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	12/19/2012
128	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	12/19/2012
129	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
130	Silicic acid, lead salt	234-363-3	11120-22-2	12/19/2012
131	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	12/19/2012
132	Tetraethyllead	201-075-4	78-00-2	12/19/2012
133	Tetralead trioxide sulphate	235-380-9	12202-17-4	12/19/2012
134	Tricosafuorododecanoic acid	206-203-2	307-55-1	12/19/2012
135	Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	12/19/2012
136	Trilead dioxide phosphonate	235-252-2	12141-20-7	12/19/2012
137	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	203-977-3	112-49-2	6/18/2012
138	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	6/18/2012
139	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
140	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
141	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
142	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	6/18/2012
143	[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
144	[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
145	Diboron trioxide	215-125-8	1303-86-2	6/18/2012
146	Formamide	200-842-0	75-12-7	6/18/2012
147	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	6/18/2012
148	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	6/18/2012
149	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
150	1,2-Dichloroethane	203-458-1	107-06-2	12/19/2011
151	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	12/19/2011
152	2-Methoxyaniline,o-Anisidine	201-963-1	90-04-0	12/19/2011
153	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	12/19/2011
154	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
155	Arsenic acid	231-901-9	7778-39-4	12/19/2011
156	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	12/19/2011
157	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	12/19/2011
158	Calcium arsenate	231-904-5	7778-44-1	12/19/2011
159	Dichromium tris(chromate)	246-356-2	24613-89-6	12/19/2011
160	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	12/19/2011
161	Lead diazide, Lead azide	236-542-1	13424-46-9	12/19/2011
162	Lead dipicrate	229-335-2	6477-64-1	12/19/2011
163	Lead styphnate	239-290-0	15245-44-0	12/19/2011
164	N,N-dimethylacetamide	204-826-4	127-19-5	12/19/2011
165	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	12/19/2011
166	Phenolphthalein	201-004-7	77-09-8	12/19/2011
167	Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	12/19/2011
168	Trilead diarsenate	222-979-5	3687-31-8	12/19/2011
169	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 (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	12/19/2011
170	Cobalt dichloride	231-589-4	7646-79-9	2011/06/20, 2008/10/28
171	1,2,3-trichloropropane	202-486-1	96-18-4	6/20/2011



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172	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	6/20/2011
173	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	6/20/2011
174	1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	6/20/2011
175	2-Ethoxyethyl acetate	203-839-2	111-15-9	6/20/2011
176	Hydrazine	206-114-9	302-01-2, 7803-57-8	6/20/2011
177	Strontium chromate	232-142-6	7789-6-2,	6/20/2011
178	2-Ethoxyethanol	203-804-1	110-80-5	12/15/2010
179	2-Methoxyethanol	203-713-7	109-86-4	12/15/2010
180	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
181	Chromium trioxide	215-607-8	1333-82-0	12/15/2010
182	Cobalt(II) carbonate	208-169-4	513-79-1	12/15/2010
183	Cobalt(II) diacetate	200-755-8	71-48-7	12/15/2010
184	Cobalt(II) dinitrate	233-402-1	10141-05-6	12/15/2010
185	Cobalt(II) sulphate	233-334-2	10124-43-3	12/15/2010
186	Ammonium dichromate	232-143-1	7789-9-5,	6/18/2010
187	Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	6/18/2010
188	Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	6/18/2010
189	Potassium chromate	232-140-5	7789-00-6	6/18/2010
190	Potassium dichromate	231-906-6	7778-50-9	6/18/2010
191	Sodium chromate	231-889-5	7775-11-3,	6/18/2010
192	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	6/18/2010
193	Trichloroethylene	201-167-4	79-01-6	6/18/2010
194	Acrylamide	201-173-7	79-06-1	3/30/2010
195	2,4-Dinitrotoluene	204-450-0	121-14-2	1/13/2010
196	Anthracene oil	292-602-7	90640-80-5	1/13/2010
197	Anthracene oil, anthracene paste	292-603-2	90640-81-6	1/13/2010
198	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	1/13/2010
199	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	1/13/2010
200	Anthracene oil, anthracene-low	292-604-8	90640-82-7	1/13/2010
201	Diisobutyl phthalate	201-553-2	84-69-5	1/13/2010
202	Lead chromate	231-846-0	7758-97-6	1/13/2010
203	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	1/13/2010
204	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	1/13/2010
205	Pitch, coal tar, high temp.	266-028-2	65996-93-2	1/13/2010
206	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	1/13/2010
207	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	10/28/2008
208	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	10/28/2008
209	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	10/28/2008
210	Anthracene	204-371-1	120-12-7	10/28/2008
211	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	10/28/2008
212	Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	10/28/2008
213	Diarsenic pentaoxide	215-116-9	1303-28-2	10/28/2008
214	Diarsenic trioxide	215-481-4	1327-53-3	10/28/2008
215	Dibutyl phthalate (DBP)	201-557-4	84-74-2	10/28/2008
216	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
217	Lead hydrogen arsenate	232-064-2	7784-40-9	10/28/2008
218	Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	10/28/2008
219	Triethyl arsenate	427-700-2	15606-95-8	10/28/2008

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