



Brussels, 3.2.2017  
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ANNEX 1

**ANNEX**

**to the**

**COMMISSION DELEGATED REGULATION (EU) .../...**

**amending Delegated Regulation (EU) No 1062/2014 of 4 August 2014 on the work programme for the systematic examination of all existing active substances contained in biocidal products referred to in Regulation (EU) No 528/2012 of the European Parliament and of the Council concerning the making available on the market and use of biocidal products**

**ANNEX**

*"ANNEX II*

**SUBSTANCE/PRODUCT-TYPE COMBINATIONS INCLUDED IN THE REVIEW PROGRAMME ON [Publications office, please insert the date of adoption of this Regulation]**

**Active substance/product-type combinations supported on [Publications office, please insert the date of adoption of this Regulation], excluding any other nanomaterial than those explicitly mentioned in entries 1017, 1019 and 1023**

Entry number	Substance name	Rapporteur Member State	EC number	CAS number	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	21	22
1	Formaldehyde	DE	200-001-8	50-00-0		x	x															x
6	2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether (Piperonyl butoxide / PBO)	EL	200-076-7	51-03-6														x				
9	Bronopol	ES	200-143-0	52-51-7		x				x			x		x	x						x
36	Ethanol	EL	200-578-6	64-17-5	x	x		x														
37	Formic acid	BE	200-579-1	64-18-6		x	x	x	x	x					x	x						
43	Salicylic acid	NL	200-712-3	69-72-7		x	x	x														
45	Propan-1-ol	DE	200-746-9	71-23-8	x	x		x														
52	Ethylene oxide	N	200-849-9	75-21-8		x																
60	Citric acid	BE	201-069-1	77-92-9	x																	
69	Glycolic acid	NL	201-180-5	79-14-1		x	x	x														
70	Peracetic acid	FI	201-186-8	79-21-0											x	x						
71	L-(+)-lactic acid	DE	201-196-2	79-33-4		x	x	x		x												
79	(2R,6aS,12aS)-1,2,6,6a,12,12a-hexahydro-2-isopropenyl-8,9-dimethoxychromeno[3,4-b]furo[2,3-h]chromen-6-one (Rotenone)	UK	201-501-9	83-79-4														x				
85	Symclosene	UK	201-782-8	87-90-1		x	x	x	x						x	x						
92	Biphenyl-2-ol	ES	201-993-5	90-43-7							x		x	x								
113	Cinnamaldehyde / 3-phenyl-propen-2-al (Cinnamic aldehyde)	UK	203-213-9	104-55-2		x																
117	Geraniol	FR	203-377-1	106-24-1															x	x		
122	Glyoxal	FR	203-474-9	107-22-2		x	x	x														
133	Hexa-2,4-dienoic acid (Sorbic acid)	DE	203-768-7	110-44-1						x												
154	Clorophene (Chlorophene)	N	204-385-8	120-32-1		x	x															
171	2-Phenoxyethanol	UK	204-589-7	122-99-6	x	x		x		x							x					

Entry number	Substance name	Rapporteur Member State	EC number	CAS number	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	21	22
172	Cetylpyridinium chloride	UK	204-593-9	123-03-5		x																
179	Carbon dioxide	FR	204-696-9	124-38-9																x		
180	Sodium dimethylarsinate (Sodium Cacodylate)	PT	204-708-2	124-65-2														x				
185	Tosylchloramide sodium (Tosylchloramide sodium — Chloramin T)	ES	204-854-7	127-65-1		x	x	x	x													
187	Potassium dimethyldithiocarbamate	UK	204-875-1	128-03-0									x		x	x						
188	Sodium dimethyldithiocarbamate	UK	204-876-7	128-04-1									x		x	x						
195	Sodium 2-biphenylate	ES	205-055-6	132-27-4	x	x	x	x		x	x		x	x			x					
206	Thiram	BE	205-286-2	137-26-8									x									
210	Metam-sodium	BE	205-293-0	137-42-8									x		x							
227	2-thiazol-4-yl-1H-benzimidazole (Thiabendazole)	ES	205-725-8	148-79-8								x	x	x								
235	Diuron	DK	206-354-4	330-54-1							x			x								
239	Cyanamide	DE	206-992-3	420-04-2			x												x			
253	Tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione (Dazomet)	BE	208-576-7	533-74-4						x						x						
283	Terbutryn	SK	212-950-5	886-50-0							x		x	x								
288	N-(Dichlorofluoromethylthio)-N',N'-dimethyl-N-phenylsulfamide (Dichlofluanid)	UK	214-118-7	1085-98-9							x										x	
292	(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl (1R-trans)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (d-Tetramethrin)	DE	214-619-0	1166-46-7															x			
321	Monolinuron	UK	217-129-5	1746-81-2		x																
330	N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine)	PT	219-145-8	2372-82-9		x	x	x		x		x			x	x	x					
336	2,2'-dithiobis[N-methylbenzamide] (DTBMA)	PL	219-768-5	2527-58-4						x												
339	1,2-benzisothiazol-3(2H)-one (BIT)	ES	220-120-9	2634-33-5		x				x			x		x	x	x					
341	2-methyl-2H-isothiazol-3-one (MIT)	SI	220-239-6	2682-20-4						x					x	x						
346	Sodium dichloroisocyanurate dihydrate	UK	220-767-7	51580-86-0		x	x	x	x						x	x						
345	Troclosene sodium	UK	220-767-7	2893-78-9		x	x	x	x						x	x						
348	Mecetronium ethyl sulphate (MES)	PL	221-106-5	3006-10-8	x																	
359	(ethylenedioxy)dimethanol (Reaction products of ethylene glycol with paraformaldehyde (EGForm))	PL	222-720-6	3586-55-8		x				x					x	x	x					
365	Pyridine-2-thiol 1-oxide, sodium salt (Sodium pyriithione)	SE	223-296-5	3811-73-2		x	x			x	x		x	x			x					
368	Methenamine 3-chloroallylochloride (CTAC)	PL	223-805-0	4080-31-3						x						x	x					

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377	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)	PL	225-208-0	4719-04-4						x					x	x	x					
382	Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5-(1H,3H)-dione (TMAD)	ES	226-408-0	5395-50-6		x				x					x	x	x					
392	Methylene dithiocyanate	FR	228-652-3	6317-18-6												x						
393	1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (DMDMH)	PL	229-222-8	6440-58-0						x							x					
397	Didecyldimethylammonium chloride (DDAC)	IT	230-525-2	7173-51-5	x	x	x	x		x				x	x	x						
401	Silver	SE	231-131-3	7440-22-4		x		x	x				x		x							
1023	Silver, as a nanomaterial	SE	231-131-3	7440-22-4		x		x					x									
405	Sulphur dioxide	DE	231-195-2	7446-09-5				x														
424	Sodium bromide	NL	231-599-9	7647-15-6		x									x	x						
432	Sodium hypochlorite	IT	231-668-3	7681-52-9	x	x	x	x	x						x	x						
434	Tetramethrin	DE	231-711-6	7696-12-0															x			
439	Hydrogen peroxide	FI	231-765-0	7722-84-1											x	x						
444	7a-ethylidihydro-1H,3H,5H-oxazolo[3,4-c]oxazole (EDHO)	PL	231-810-4	7747-35-5						x							x					
450	Silver nitrate	SE	231-853-9	7761-88-8	x																	
453	Disodium peroxodisulphate / Sodium persulphate	PT	231-892-1	7775-27-1				x														
455	Calcium hypochlorite	IT	231-908-7	7778-54-3		x	x	x	x						x							
457	Chlorine	IT	231-959-5	7782-50-5		x			x						x							
458	Ammonium sulphate	UK	231-984-1	7783-20-2											x	x						
1016	Silver chloride	SE	232-033-3	7783-90-6	x	x				x	x		x	x	x							
473	Pyrethrins and Pyrethroids	ES	232-319-8	8003-34-7															x	x		
491	Chlorine dioxide	PT	233-162-8	10049-04-4		x	x	x	x						x	x						
494	2,2-dibromo-2-cyanoacetamide (DBNPA)	DK	233-539-7	10222-01-2		x		x		x					x	x	x					
501	Carbendazim	DE	234-232-0	10605-21-7							x		x	x								
1022	Dialuminium chloride pentahydroxide	NL	234-933-1	12042-91-0		x																
515	Ammonium bromide	SE	235-183-8	12124-97-9											x	x						
522	Pyrithione zinc (Zinc pyrithione)	SE	236-671-3	13463-41-7		x				x	x		x	x								x
524	Dodecylguanidine monohydrochloride	ES	237-030-0	13590-97-1						x					x							
526	Potassium 2-biphenylate	ES	237-243-9	13707-65-8						x			x	x			x					
529	Bromine chloride	NL	237-601-4	13863-41-7											x							

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531	(benzyloxy)methanol	UK	238-588-8	14548-60-8						x							x					
541	Sodium p-chloro-m-cresolate	FR	239-825-8	15733-22-9	x	x	x			x			x				x					
550	D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) (CHDG)	PT	242-354-0	18472-51-0	x	x	x															
554	p-[(diiodomethyl)sulphonyl]toluene	UK	243-468-3	20018-09-1						x	x		x	x								
559	(benzothiazol-2-ylthio)methyl thiocyanate (TCMTB)	N	244-445-0	21564-17-0									x			x						
562	2-methyl-4-oxo-3-(prop-2-ynyl)cyclopent-2-en-1-yl 2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (Prallethrin)	EL	245-387-9	23031-36-9																x		
563	Potassium (E,E)-hexa-2,4-dienoate (Potassium Sorbate)	DE	246-376-1	24634-61-5						x												
566	.alpha.,.alpha',.alpha."-trimethyl-1,3,5-triazine-1,3,5(2H,4H,6H)-trioethanol (HPT)	AT	246-764-0	25254-50-6		x				x					x		x					
571	2-octyl-2H-isothiazol-3-one (OIT)	UK	247-761-7	26530-20-1						x	x		x	x	x		x					
577	Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride	ES	248-595-8	27668-52-6		x						x										
588	Bromochloro-5,5-dimethylimidazolidine-2,4-dione (BCDMH / Bromochlorodimethylhydantoin)	NL	251-171-5	32718-18-6		x									x	x						
590	3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	DE	251-835-4	34123-59-6							x			x								
597	1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole (Imazalil)	DE	252-615-0	35554-44-0			x															
599	S-[(6-chloro-2-oxooxazol[4,5-b]pyridin-3(2H)-yl)methyl] O,O-dimethyl thiophosphate (Azamethiphos)	UK	252-626-0	35575-96-3																x		
606	.alpha.-cyano-3-phenoxybenzyl 2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (Cyphenothrin)	EL	254-484-5	39515-40-7																x		
608	Dimethyltetradecyl[3-(trimethoxysilyl)propyl]ammonium chloride	PL	255-451-8	41591-87-1									x									
609	Mixture of cis- and trans-p-menthane-3,8 diol (Citriodiol)	UK	255-953-7	42822-86-6																	x	
614	(RS)-α-cyano-3phenoxybenzyl-(1RS)- cis,trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Cypermethrin)	BE	257-842-9	52315-07-8																	x	
618	1-ethynyl-2-methylpent-2-enyl 2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (Empenthrin)	BE	259-154-4	54406-48-3																	x	
619	3-iodo-2-propynylbutylcarbamate (IPBC)	DK	259-627-5	55406-53-6							x		x	x								

Entry number	Substance name	Rapporteur Member State	EC number	CAS number	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	21	22
620	Tetrakis(hydroxymethyl)phosphonium sulphate(2:1) (THPS)	MT	259-709-0	55566-30-8		x				x					x	x						
648	4,5-Dichloro-2-octylisothiazol-3(2H)-one (4,5-Dichloro- 2-octyl-2H- isothiazol-3-one (DCOIT))	N	264-843-8	64359-81-5							x		x	x	x							
656	3,3'-methylenebis[5-methylloxazolidine] (Oxazolidin / MBO)	AT	266-235-8	66204-44-2		x				x					x	x	x					
667	Alkyl (C <sub>12-18</sub> ) dimethylbenzyl ammonium chloride (ADBAC (C <sub>12-18</sub> ))	IT	269-919-4	68391-01-5	x	x	x	x						x	x	x						x
671	Alkyl (C <sub>12-16</sub> ) dimethylbenzyl ammonium chloride (ADBAC/BKC (C <sub>12</sub> -C <sub>16</sub> ))	IT	270-325-2	68424-85-1	x	x	x	x						x	x	x						x
673	Didecyldimethylammonium chloride (DDAC (C <sub>8-10</sub> ))	IT	270-331-5	68424-95-3	x	x	x	x	x	x				x	x	x						
690	Quaternary ammonium compounds, benzyl-C <sub>12-18</sub> -alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one 1,1-dioxide (1:1) (ADBAS)	MT	273-545-7	68989-01-5		x		x														
691	Sodium N-(hydroxymethyl)glycinate	AT	274-357-8	70161-44-3						x												
692	Amines, C <sub>10-16</sub> -alkyldimethyl, N-oxides	PT	274-687-2	70592-80-2				x														
693	Pentapotassium bis(peroxymonosulphate) bis(sulphate)	SI	274-778-7	70693-62-8		x	x	x	x													
701	Magnesium monoperoxyphthalate hexahydrate (MMPP)	PL	279-013-0	84665-66-7		x																
1015	Margosa extract	DE	283-644-7	84696-25-3																	x	
1024	Margosa extract from cold-pressed oil of the kernels of Azadirachta Indica extracted with super-critical carbon dioxide	DE	283-644-7	84696-25-3															x			
724	Alkyl (C <sub>12</sub> -C <sub>14</sub> ) dimethylbenzylammonium chloride (ADBAC (C <sub>12</sub> -C <sub>14</sub> ))	IT	287-089-1	85409-22-9	x	x	x	x						x	x	x						x
725	Alkyl (C <sub>12</sub> -C <sub>14</sub> ) dimethyl(ethylbenzyl)ammonium chloride (ADEBAC (C <sub>12</sub> -C <sub>14</sub> ))	IT	287-090-7	85409-23-0	x	x	x	x						x	x	x						x
731	<i>Chrysanthemum cinerariaefolium</i> , ext.	ES	289-699-3	89997-63-7															x			
744	Lavender, <i>Lavandula hybrida</i> , ext. / Lavandin oil	PT	294-470-6	91722-69-9																x		
779	Reaction products of: glutamic acid and N-(C <sub>12</sub> -C <sub>14</sub> -alkyl)propylenediamine (Glucoprotamin)	DE	403-950-8	164907-72-6		x		x														
785	6-(phthalimido)peroxyhexanoic acid (PAP)	IT	410-850-8	128275-31-0	x	x	x	x														
791	2-butyl-benzo[d]isothiazol-3-one (BBIT)	CZ	420-590-7	4299-07-4						x	x		x	x			x					
792	Tetrachlorodecaoxide complex (TCDO)	DE	420-970-2	92047-76-2	x	x		x														
811	Silver sodium hydrogen zirconium phosphate	SE	422-570-3	265647-11-8	x	x		x			x		x									
794	sec-butyl 2-(2-hydroxyethyl)piperidine-1-carboxylate / Icaridine (Icaridine)	DK	423-210-8	119515-38-7																	x	

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797	cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride (cis CTAC)	PL	426-020-3	51229-78-8						x							x					
800	[2,4-Dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1R)-cis-chrysanthemate;[2,4-Dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1R)-trans-chrysanthemate (Imiprothrin)	UK	428-790-6	72963-72-5															x			
807	(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine (Clothianidin)	DE	433-460-1	210880-92-5																		
952	<i>Bacillus sphaericus</i> other than <i>Bacillus sphaericus</i> 2362, strain ABTS-1743	IT	Micro-organism	143447-72-7															x			
955	<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> Serotype H14, other than strain AM65-52 and other than strain SA3A	IT	Micro-organism	Not applicable															x			
957	<i>Bacillus subtilis</i>	DE	Micro-organism	Not applicable			x															
939	Active Chlorine: manufactured by the reaction of hypochlorous acid and sodium hypochlorite produced <i>in situ</i>	SK	Mixture	Not applicable		x	x	x	x													
813	Peroxyoctanoic acid	FR	Not applicable	33734-57-5		x	x	x														
1014	Silver zeolite	SE	Not applicable	Not applicable		x		x	x		x		x									
152	Reaction products of 5,5-dimethylhydantoin, 5-ethyl-5-methylhydantoin with bromine and chlorine (DCDMH)	NL	Not available	Not available											x							
459	Reaction mass of titanium dioxide and silver chloride	SE	Not available	Not available	x	x				x	x		x	x	x							
777	Reaction products of 5,5-dimethylhydantoin, 5-ethyl-5-methylhydantoin with chlorine (DCEMH)	NL	Not available	Not available											x							
810	Silver phosphate glass	SE	Not available	308069-39-8		x					x		x									
824	Silver zinc zeolite	SE	Not available	130328-20-0		x		x	x		x		x									
1013	Silver copper zeolite	SE	Not available	130328-19-7		x		x	x		x		x									
1017	Silver adsorbed on silicon dioxide (as a nanomaterial in the form of a stable aggregate with primary particles in the nanoscale)	SE	Not available	Not available									x									
1019	Silicon dioxide (as a nanomaterial formed by aggregates and agglomerates)	FR	Not available	68909-20-6															x			
831	Silicium dioxide (Silicium dioxide / Kieselguhr)	FR	Plant protection product	61790-53-2															x			
854	(RS)-3-Allyl-2-methyl-4-oxocyclopent-2-enyl-(1R,3R;1R,3S)-2,2-dimethyl-3-(2-methylprop-1-enyl)-cyclopropanecarboxylate (mixture of 4 isomers 1R trans, 1R : 1R trans, 1S : 1R cis, 1R : 1R cis, 1S 4:4:1:1) (d-Allethrin)	DE	Plant protection product	231937-89-6															x			

Entry number	Substance name	Rapporteur Member State	EC number	CAS number	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	21	22
855	(RS)-3-Allyl-2-methyl-4-oxocyclopent-2-enyl (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)-cyclopropanecarboxylate (mixture of 2 isomers 1R trans : 1R/S only 1:3) (Esbiothrin)	DE	Plant protection product	260359-57-7															x			
848	N-((6-Chloro-3-pyridinyl)methyl)-N <sup>1</sup> -cyano-N-methylethanimidamide (Acetamiprid)	BE	Plant protection product	160430-64-8															x			
835	Esfenvalerate / (S)-.alpha.-Cyano-3-phenoxybenzyl (S)-2-(4-chlorophenyl)-3-methylbutyrate (Esfenvalerate)	PT	Plant protection product	66230-04-4															x			
843	4-bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile (Chlorfenapyr)	PT	Plant protection product	122453-73-0															x			
859	Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride (PQ Polymer)	HU	Polymer	25988-97-0		x									x							
863	Monohydro chloride of polymer of N,N <sup>''</sup> -1,6-hexanedylbis[N'-cyanoguanidine] (EINECS 240-032-4) and hexamethylenediamine (EINECS 204-679-6) / Polyhexamethylene biguanide (monomer: 1,5-bis(trimethylen)-guanylguanidinium monohydrochloride) (PHMB)	FR	Polymer	27083-27-8 / 32289-58-0					x													
868	Poly(hexamethylenebiguanide)	FR	Polymer	91403-50-8	x	x	x	x	x	x			x		x							
869	Poly(oxy-1,2-ethanedyl), .alpha.-[2-(didecylmethylammonio)ethyl]-.omega.-hydroxy-, propanoate (salt) (Bardap 26)	IT	Polymer	94667-33-1		x		x						x								
872	N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate (Polymeric betaine)	EL	Polymer	214710-34-6								x										

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