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ANNEX 1

**ANNEX**

**to the**

**COMMISSION IMPLEMENTING DECISION**

**on the non-approval of certain biocidal active substances pursuant to Regulation (EU)  
No 528/2012**

## ANNEX

Active substance/product type combinations not approved:

- the substance/product-type combinations listed in the table below, including any nanomaterial forms,
- any nanomaterial forms of all substance/product-type combinations listed in the table in Annex II, part 1 of Regulation (EU) No 1062/2014 , except those nanomaterial forms listed in that table, and
- any nanomaterial forms of all active substance/product-type already approved , except those explicitly approved.

<b>Entry Number in Annex II to Regulation (EU) No 1062/2014</b>	<b>Substance name</b>	<b>Rapporteur Member State</b>	<b>EC number</b>	<b>CAS number</b>	<b>Product-type(s)</b>
1021	1,3-dichloro-5,5-dimethylhydantoin (redefined as per entry 152)	NL	204-258-7	118-52-5	11
166	Cetalkonium chloride (see entry 948)	IT	204-526-3	122-18-9	1, 2, 3, 4, 8, 10, 11, 12
167	Benzyltrimethyl(octadecyl)ammonium chloride (see entry 948)	IT	204-527-9	122-19-0	1, 2, 3, 4, 8, 10, 11, 12
213	Benzododecinium chloride (see entry 948)	IT	205-351-5	139-07-1	1, 2, 3, 4, 8, 10, 11, 12
214	Miristalkonium chloride (see entry 948)	IT	205-352-0	139-08-2	1, 2, 3, 4, 8, 10, 11, 12
331	Didecyldimethylammonium bromide (see entry 949)	IT	219-234-1	2390-68-3	1, 2, 3, 4, 8, 10, 11, 12
384	Dimethyldioctylammonium chloride (see entry 949)	IT	226-901-0	5538-94-3	1, 2, 3, 4, 8, 10, 11, 12
399	Benzyltridecyldimethylammonium bromide (see entry 948)	IT	230-698-4	7281-04-1	1, 2, 3, 4, 8, 10, 11, 12
418	Silicon dioxide — amorphous	FR	231-545-4	7631-86-9	18
449	Copper sulphate	FR	231-847-6	7758-98-7	2

554	p-[(diiodomethyl)sulphonyl]toluene	UK	243-468-3	20018-09-1	2
587	Decyldimethyloctylammonium chloride (see entry 949)	IT	251-035-5	32426-11-2	1, 2, 3, 4, 8, 10, 11, 12
601	Benzyl dimethyloleylammonium chloride (see entry 948)	IT	253-363-4	37139-99-4	1, 2, 3, 4, 8, 10, 11, 12
615	3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane carboxylate (Permethrin)	IE	258-067-9	52645-53-1	9
637	Quaternary ammonium compounds, benzylcocoalkyldimethyl, chlorides (see entry 948)	IT	263-080-8	61789-71-7	1, 2, 3, 4, 8, 10, 11, 12
638	Quaternary ammonium compounds, dicocoalkyl dimethyl, chlorides (see entry 949)	IT	263-087-6	61789-77-3	1, 2, 3, 4, 8, 10, 11, 12
639	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides (see entry 949)	IT	263-090-2	61789-80-8	1, 2, 3, 4, 8, 10, 11, 12
647	Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (see entry 948)	IT	264-151-6	63449-41-2	1, 2, 3, 4, 8, 10, 11, 12
668	Quaternary ammonium compounds, di-C6-12-alkyldimethyl, chlorides (see entry 949)	IT	269-925-7	68391-06-0	1, 2, 3, 4, 8, 10, 11, 12

670	Quaternary ammonium compounds, benzyl-C8-16-alkyldimethyl, chlorides (see entry 948)	IT	270-324-7	68424-84-0	1, 2, 3, 4, 8, 10, 11, 12
689	Quaternary ammonium compounds, benzyl-C10-16-alkyldimethyl, chlorides (see entry 948)	IT	273-544-1	68989-00-4	1, 2, 3, 4, 8, 10, 11, 12
692	Amines, C10-16-alkyldimethyl, N-oxides	PT	274-687-2	70592-80-2	2
697	Quaternary ammonium compounds, di-C8-18-alkyldimethyl, chlorides (see entry 949)	IT	277-453-8	73398-64-8	1, 2, 3, 4, 8, 10, 11, 12
1000	Dihydrogen bis[monoperoxyphthalato(2-)-O1,OO1]magnesate(2-) hexahydrate	PL	279-013-0	14915-85-4	2
998	Margosa extract other than from the kernels of Azadirachta indica extracted with water and further processed with organic solvents and from cold-pressed oil of the kernels of Azadirachta Indica extracted with super-critical carbon dioxide	DE	283-644-7	84696-25-3	18
741	Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, bromides (see entry 948)	IT	293-522-5	91080-29-4	1, 2, 3, 4, 8, 10, 11, 12
1020	1,3-dichloro-5-ethyl-5-methylimidazolidine-2,4-dione (redefined as per entry 777)	NL	401-570-7	89415-87-2	11

778	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol (Tebuconazole)	DK	403-640-2	107534-96-3	9
805	Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide (Perestane)	HU	432-790-1	Not applicable	2
923	Alkyl-benzyl-dimethylammonium chloride/Benzalkonium chloride (see entry 948)	IT	Mixture	8001-54-5	1, 2, 3, 4, 8, 10, 11, 12
949	Quaternary ammonium compounds (dialkyldimethyl (alkyl from C6-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) (DDAC)	IT	Mixture of EINECS listed substances	Not applicable	1, 2, 3, 4, 8, 10, 11, 12
950	Quaternary ammonium compounds (alkyltrimethyl (alkyl from C8-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) (TMAC)	IT	Mixture of EINECS listed substances	Not applicable	8

948	Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or hydroxides) (BKC)	IT	Mixture of EINECS listed substances	Not applicable	1, 2, 3, 4, 8, 10, 11, 12
849	3-phenoxybenzyl (1R)-cis,trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (d-Phenothrin)	IE	Not applicable	188023-86-1	18
1001	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (other than the substance covered by entry 671)	IT	Not applicable	Not applicable	1, 2, 3, 4, 8, 10, 11, 12, 22
1002	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (other than the substance covered by entry 667)	IT	Not applicable	Not applicable	1, 2, 3, 4, 10, 11, 12, 22
1003	Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (other than the substance covered by entry 725)	IT	Not applicable	Not applicable	1, 2, 3, 4, 10, 11, 12, 22
1005	Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides (other than the substance covered by entry 724)	IT	Not applicable	Not applicable	1, 2, 3, 4, 10, 11, 12, 22

1006	Silver-zinc-aluminium-boronphosphate glass/Glass oxide, silver- and zinc-containing	SE	Not applicable	398477-47-9	2, 7, 9
1009	Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides (other than the substance covered by entry 673)	IT	Not applicable	Not applicable	1, 2, 3, 4, 5, 6, 7, 10, 11, 12
1011	Quaternary ammonium compounds, coco alkyltrimethyl, chlorides (other than the substance covered by entry 635)	IT	Not applicable	Not applicable	8
1012	Aluminium sodium silicate-silver zinc complex/Silver-Zinc-Zeolite	SE	Not applicable	130328-20-0	2, 7, 9
598	(±)-1-(.beta.-allyloxy-2,4-dichlorophenylethyl)imidazole (Technical grade imazalil)	DE	Plant protection product	73790-28-0	3