

**Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted**

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**In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision**

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**Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types**

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 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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**PT 1**  
**Human hygiene biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Formaldehyde	200-001-8	50-00-0	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Bronopol	200-143-0	52-51-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Formic acid	200-579-1	64-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Benzoic acid	200-618-2	65-85-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Salicylic acid	200-712-3	69-72-7	01/02/2014	
L-(+)-lactic acid	201-196-2	79-33-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Chloroxylenol	201-793-8	88-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Triclocarban	202-924-1	101-20-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Clorophene	204-385-8	120-32-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Benzethonium chloride	204-479-9	121-54-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Cetylpyridinium chloride	204-593-9	123-03-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tosylchloramide sodium	204-854-7	127-65-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogencarbonate	205-633-8	144-55-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Sodium benzoate	208-534-8	532-32-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Tetradonium bromide	214-291-9	1119-97-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	219-145-8	2372-82-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Troclosene sodium	220-767-7	2893-78-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dichloroisocyanurate dihydrate	220-767-7	51580-86-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sulphur dioxide	231-195-2	7446-09-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium disulphite	231-673-0	7681-57-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium sulphite	231-821-4	7757-83-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copper sulphate	231-847-6	7758-98-7	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Calcium hypochlorite	231-908-7	7778-54-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Lignin	232-682-2	9005-53-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Boric acid	233-139-2	10043-35-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Potassium sulphite	233-321-1	10117-38-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,2-dibromo-2-cyanoacetamide	233-539-7	10222-01-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Benzoxonium chloride	243-008-1	19379-90-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of cis- and trans-p-menthane-3,8 diol / Citriodiol	255-953-7	42822-86-6	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Amines, C10-16-alkyldimethyl, N-oxides	274-687-2	70592-80-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Pentapotassium bis(peroxymonosulphate) bis(sulphate)	274-778-7	70693-62-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N,N'-(decane-1,10-diyl-di-1(4H)-pyridyl-4-ylidene)bis(octylammonium) dichloride	274-861-8	70775-75-6	01/02/2014	
Margosa ext.	283-644-7	84696-25-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Melaleuca alternifolia, ext. / Australian Tea Tree Oil	285-377-1	85085-48-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
2,4,8,10-tetra(tert-butyl)-6-hydroxy-12H-dibenzo[d,g][1,3,2]dioxaphosphocin 6-oxide, sodium salt	286-344-4	85209-91-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Reaction products of: glutamic acid and N-(C12-14-alkyl)propylenediamine	403-950-8	164907-72-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide / Perestane	432-790-1	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium iodides	Mixture	308074-50-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Silver phosphate glass (initially notified under 'Silver-zinc-aluminium-boronphosphate glass / Glass oxide, silver- and zinc-containing')	Not yet allocated	47-9 and 3080	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Aluminium sodium silicate-silver zinc complex / Silver-Zinc-Zeolite	Plant protection Product	130328-20-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Poly(hexamethylenediamine guanidinium chloride)	Polymer	57028-96-3	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>

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**PT 2**

**Private area and public health area disinfectants and other biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O)diazaniumato(2-)]-copper		312600-89-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Benzoic acid	200-618-2	65-85-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-dibromo-5,5-dimethylhydantoin	201-030-9	77-48-5	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Citric acid	201-069-1	77-92-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chloroxynol	201-793-8	88-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dichlorophen	202-567-1	97-23-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Triclocarban	202-924-1	101-20-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
m-Cresol	203-577-9	108-39-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-dichloro-5,5-dimethylhydantoin	204-258-7	118-52-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Benzyl benzoate	204-402-9	120-51-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nitromethylidynetrimethanol	204-769-5	126-11-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium dimethyldithiocarbamate	204-875-1	128-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Thiram	205-286-2	137-26-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Ziram	205-288-3	137-30-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium methyldithiocarbamate	205-292-5	137-41-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Metam-sodium	205-293-0	137-42-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium cyanodithiocarbamate	205-346-8	138-93-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-bis(hydroxymethyl)urea	205-444-0	140-95-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nabam	205-547-0	142-59-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Thiabendazole	205-725-8	148-79-8	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Sodium benzoate	208-534-8	532-32-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Hydroxyl-2-pyridone	212-506-0	822-89-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,6-dimethyl-1,3-dioxan-4-yl acetate	212-579-9	828-00-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
4,5-dichloro-3H-1,2-dithiol-3-one	214-754-5	1192-52-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>



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Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	219-655-0	2491-38-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mecetronium ethyl sulphate	221-106-5	3006-10-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium 2,4,6-trichlorophenolate	223-246-2	3784-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	225-208-0	4719-04-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Terbuthylazine	227-637-9	5915-41-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Methylene dithiocyanate	228-652-3	6317-18-6	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	229-222-8	6440-58-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Iodine	231-442-4	7553-56-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium disulphite	231-673-0	7681-57-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Sodium sulphite	231-821-4	7757-83-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium chlorite	231-836-6	7758-19-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium chlorate	231-887-4	7775-09-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Lignin	232-682-2	9005-53-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Boric acid	233-139-2	10043-35-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium sulphite	233-321-1	10117-38-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogen 2,2'methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Ammonium bromide	235-183-8	12124-97-9	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bromine chloride	237-601-4	13863-41-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(benzyloxy)methanol	238-588-8	14548-60-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole / Imazalil	252-615-0	35554-44-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of cis- and trans-p-menthane-3,8 diol / Citriodiol	255-953-7	42822-86-6	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Permethrin	258-067-9	52645-53-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-cyclopropyl-1,3,5-triazine-2,4,6-triamine	266-257-8	66215-27-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tributyltetradecylphosphonium chloride	279-808-2	81741-28-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tar acids, polyalkylphenol fraction	284-893-4	84989-05-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Melaleuca alternifolia, ext. / Australian Tea Tree Oil	285-377-1	85085-48-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Urea, N,N'-bis(hydroxymethyl)-, reaction products with 2-(2-butoxyethoxy)ethanol, ethylene glycol and formaldehyde	292-348-7	90604-54-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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1,3-dichloro-5-ethyl-5-methylimidazolidine-2,4-dione	401-570-7	89415-87-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-phenoxybenzyl-2-(4-ethoxyphenyl)-2-methylpropylether / Etofenprox	407-980-2	80844-07-1	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Bis(3-aminopropyl)octylamine	433-340-7	86423-37-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bacillus thuringiensis subsp. Israelensis Serotype H14	Micro-organism	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bacillus sphaericus	Micro-organism	143447-72-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium salts of fatty acids (C15-21)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium iodides	Mixture	308074-50-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Pine oil	Natural oil	8002-09-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Guazatine triacetate	Plant protection product	115044-19-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 2**

**Private area and public health area disinfectants and other biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
3-phenoxybenzyl (1R)-cis,trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate / d-Phenothrin	Plant protection product	188023-86-1	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
(±)-1-(.beta.-allyloxy-2,4-dichlorophenylethyl)imidazole / Technical grade imazalil	Plant protection product	73790-28-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	Polymer	31075-24-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylenediamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 3**  
**Veterinary hygiene biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bronopol	200-143-0	52-51-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Gamma-HCH or Gamma-BHC / Lindane / 1,2,3,4,5,6-hexachlorocyclohexane	200-401-2	58-89-9	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Ethanol	200-578-6	64-17-5	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Propan-2-ol	200-661-7	67-63-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Propan-1-ol	200-746-9	71-23-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Citric acid	201-069-1	77-92-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2-chloroacetamide	201-174-2	79-07-2	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Chloroxynol	201-793-8	88-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dichlorophen	202-567-1	97-23-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
m-Cresol	203-577-9	108-39-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Fenitrothion	204-524-2	122-14-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Cetylpyridinium chloride	204-593-9	123-03-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nitromethylidynetrimethanol	204-769-5	126-11-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 3**  
**Veterinary hygiene biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogencarbonate	205-633-8	144-55-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Triclosan	222-182-2	3380-34-5	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
(ethylenedioxy)dimethanol	222-720-6	3586-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium 2,4,6-trichlorophenolate	223-246-2	3784-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	225-208-0	4719-04-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	226-408-0	5395-50-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Silicon dioxide – amorphous	231-545-4	7631-86-9	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
Sodium chlorite	231-836-6	7758-19-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Garlic ext.	232-371-1	8008-99-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Lignin	232-682-2	9005-53-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Boric acid	233-139-2	10043-35-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 3**  
**Veterinary hygiene biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium hydrogen 2,2'-methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,2-dibromo-2-cyanoacetamide	233-539-7	10222-01-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bromochloro-5,5-dimethylimidazolidine-2,4-dione	251-171-5	32718-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
S-[(6-chloro-2-oxooxazolo[4,5-b]pyridin-3(2H)-yl)methyl] O,O-dimethyl thiophosphate / Azamethiphos	252-626-0	35575-96-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Permethrin	258-067-9	52645-53-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-cyclopropyl-1,3,5-triazine-2,4,6-triamine	266-257-8	66215-27-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Fatty acids, coco, reaction products with diethanolamine	270-430-3	68440-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Magnesium monoperoxyphthalate hexahydrate	279-013-0	66-7 (ex 1491:	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Margosa ext.	283-644-7	84696-25-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Tar acids, polyalkylphenol fraction	284-893-4	84989-05-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Melaleuca alternifolia, ext. / Australian Tea Tree Oil	285-377-1	85085-48-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>



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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 3**  
**Veterinary hygiene biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyl dimethyl, hydroxides, inner salts	309-206-8	100085-64-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Reaction products of: glutamic acid and N-(C12-14-alkyl)propylenediamine	403-950-8	164907-72-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-phenoxybenzyl-2-(4-ethoxyphenyl)-2-methylpropylether / Etofenprox	407-980-2	80844-07-1	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Tetrachlorodecaoxide complex	420-970-2	92047-76-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Silver sodium hydrogen zirconium phosphate	422-570-3	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Thiamethoxam	428-650-4	153719-23-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
2-(1-methyl-2-(4-phenoxy-phenoxy)-ethoxy)-pyridine / Pyriproxyfen	429-800-1	95737-68-1	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide / Perestane	432-790-1	-	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Bis(3-aminopropyl)octylamine	433-340-7	86423-37-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine / Chlothianidin	433-460-1	210880-92-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 3**  
**Veterinary hygiene biocidal products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Spinosad: fermentation product of soil micro-organisms containing Spinosyn A and Spinosyn D	434-300-1	168316-95-8	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium iodides	Mixture	308074-50-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	Mixture	55965-84-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Esfenvalerate / (S)-.alpha.-Cyano-3-phenoxybenzyl (S)-2-(4-chlorophenyl)-3-methylbutyrate	Plant protection product	66230-04-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylenediamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(oxy-1,2-ethanediyl), .alpha.-[2-(didecylmethylammonio)ethyl]- .omega.-hydroxy-, propanoate (salt)	Polymer	94667-33-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 4**  
**Food and feed area disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Formaldehyde	200-001-8	50-00-0	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
Bronopol	200-143-0	52-51-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chlorocresol	200-431-6	59-50-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chloroxylenol	201-793-8	88-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dichlorophen	202-567-1	97-23-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Triclocarban	202-924-1	101-20-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Clorophene	204-385-8	120-32-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Cetylpyridinium chloride	204-593-9	123-03-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium dimethyldithiocarbamate	204-875-1	128-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Metam-sodium	205-293-0	137-42-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nabam	205-547-0	142-59-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 4**  
**Food and feed area disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
(ethylenedioxy)dimethanol	222-720-6	3586-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Pyridine-2-thiol 1-oxide, sodium salt	223-296-5	3811-73-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	225-208-0	4719-04-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	226-408-0	5395-50-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Iodine	231-442-4	7553-56-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium bromide	231-599-9	7647-15-6	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Orthophosphoric acid	231-633-2	7664-38-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium disulphite	231-673-0	7681-57-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium sulphite	231-821-4	7757-83-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium chlorite	231-836-6	7758-19-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copper sulphate	231-847-6	7758-98-7	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 4**  
**Food and feed area disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Garlic ext.	232-371-1	8008-99-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Lignin	232-682-2	9005-53-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Potassium sulphite	233-321-1	10117-38-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogen 2,2' methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Ammonium bromide	235-183-8	12124-97-9	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Sodium p-chloro-m-cresolate	239-825-8	15733-22-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	242-354-0	18472-51-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2-octyl-2H-isothiazol-3-one	247-761-7	26530-20-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bromochloro-5,5-dimethylimidazolidine-2,4-dione	251-171-5	32718-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole / Imazalil	252-615-0	35554-44-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 4**  
**Food and feed area disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Magnesium monoperoxyphthalate hexahydrate	279-013-0	66-7 (ex 1491:	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tributyltetradecylphosphonium chloride	279-808-2	81741-28-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide / Perestane	432-790-1	-	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Bis(3-aminopropyl)octylamine	433-340-7	86423-37-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium iodides	Mixture	308074-50-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(±)-1-(.beta.-allyloxy-2,4-dichlorophenylethyl)imidazole / Technical grade imazalil	Plant protection product	73790-28-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 4**  
**Food and feed area disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 5**  
**Drinking water disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Formaldehyde	200-001-8	50-00-0	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Propan-2-ol	200-661-7	67-63-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chloroxylenol	201-793-8	88-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Glutaral	203-856-5	111-30-8	01/02/2014	
Cetylpyridinium chloride	204-593-9	123-03-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Iodine	231-442-4	7553-56-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium chloride	231-598-3	7647-14-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium disulphite	231-673-0	7681-57-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 5**  
**Drinking water disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Potassium permanganate	231-760-3	7722-64-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium sulphite	231-821-4	7757-83-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium chlorite	231-836-6	7758-19-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium chlorate	231-887-4	7775-09-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Garlic ext.	232-371-1	8008-99-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium sulphite	233-321-1	10117-38-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,2-dibromo-2-cyanoacetamide	233-539-7	10222-01-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bromochloro-5,5-dimethylimidazolidine-2,4-dione	251-171-5	32718-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Permethrin	258-067-9	52645-53-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 5**  
**Drinking water disinfectants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tetrachlorodecaoxide complex	420-970-2	92047-76-2	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide / Perestane	432-790-1	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bacillus thuringiensis subsp. Israelensis Serotype H14	Micro-organism	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium iodides	Mixture	308074-50-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O)diazaniumato(2-)]-copper		312600-89-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Formaldehyde	200-001-8	50-00-0	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Benzoic acid	200-618-2	65-85-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Propan-2-ol	200-661-7	67-63-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Salicylic acid	200-712-3	69-72-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2-chloroacetamide	201-174-2	79-07-2	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Symclosene	201-782-8	87-90-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chloroxylenol	201-793-8	88-04-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dichlorophen	202-567-1	97-23-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Glyoxal	203-474-9	107-22-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Clorophene	204-385-8	120-32-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Cetylpyridinium chloride	204-593-9	123-03-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Nitromethylidynetrimethanol	204-769-5	126-11-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Tosylchloramide sodium	204-854-7	127-65-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium dimethyldithiocarbamate	204-875-1	128-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Captan	205-087-0	133-06-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-(trichloromethylthio)phthalimide / Folpet	205-088-6	133-07-3	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Thiram	205-286-2	137-26-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Ziram	205-288-3	137-30-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Metam-sodium	205-293-0	137-42-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-bis(hydroxymethyl)urea	205-444-0	140-95-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nabam	205-547-0	142-59-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Thiabendazole	205-725-8	148-79-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Diuron	206-354-4	330-54-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium benzoate	208-534-8	532-32-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Hydroxyl-2-pyridone	212-506-0	822-89-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,6-dimethyl-1,3-dioxan-4-yl acetate	212-579-9	828-00-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
4,5-dichloro-3H-1,2-dithiol-3-one	214-754-5	1192-52-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chlorothalonil	217-588-1	1897-45-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Fluometuron	218-500-4	2164-17-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
4-(2-nitrobutyl)morpholine	218-748-3	2224-44-4	01/02/2014	
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	219-655-0	2491-38-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Troclosene sodium	220-767-7	2893-78-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dichloroisocyanurate dihydrate	220-767-7	51580-86-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bis(trichloromethyl) sulphone	221-310-4	3064-70-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium 2,4,6-trichlorophenolate	223-246-2	3784-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Methylene dithiocyanate	228-652-3	6317-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(2-bromo-2-nitrovinyl)benzene	230-515-8	7166-19-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Prometryn	230-711-3	7287-19-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sulphur dioxide	231-195-2	7446-09-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Iodine	231-442-4	7553-56-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium bromide	231-599-9	7647-15-6	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Sodium hypochlorite	231-668-3	7681-52-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium disulphite	231-673-0	7681-57-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium sulphite	231-821-4	7757-83-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Lignin	232-682-2	9005-53-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Boric acid	233-139-2	10043-35-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium sulphite	233-321-1	10117-38-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogen 2,2'methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Carbendazim	234-232-0	10605-21-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Ammonium bromide	235-183-8	12124-97-9	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Chlorotoluron	239-592-2	15545-48-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	242-354-0	18472-51-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bromochloro-5,5-dimethylimidazolidine-2,4-dione	251-171-5	32718-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
4,5-dichloro-2-octyl-2H-isothiazol-3-one	264-843-8	64359-81-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1-[1,3-bis(hydroxymethyl)-2,5-dioximidazolidin-4-yl]-1,3-bis(hydroxymethyl)urea / Diazolidinylurea	278-928-2	78491-02-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Urea, N,N'-bis(hydroxymethyl)-, reaction products with 2-(2-butoxyethoxy)ethanol, ethylene glycol and formaldehyde	292-348-7	90604-54-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of: (C8-18)alkylbis(2-hydroxyethyl)ammonium bis(2-ethylhexyl)phosphate;(C8-18)alkylbis(2-hydroxyethyl)ammonium 2-ethylhexylhydrogenphosphate	404-690-8	68132-19-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
5-chloro-2-(4-chlorophenoxy)phenol	429-290-0	3380-30-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Reaction products of diisopropanolamine with formaldehyde(1:4)	432-440-8	220444-73-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium iodides	Mixture	308074-50-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or hydroxides) / BKC	Mixture of EINECS listed substances	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds (dialkyldimethyl (alkyl from C6-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) / DDAC	Mixture of EINECS listed substances	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Silver phosphate glass (initially notified under 'Silver-zinc-aluminium-boronphosphate glass / Glass oxide, silver- and zinc-containing')	Not yet allocated	47-9 and 3080	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 5-Hydroxymethoxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane (CAS 59720-42-2, 16.0 %) and 5-Hydroxy-1-aza-3,7-dioxabicyclo(3.3.0)octane (EINECS 229-457-6, 28.8 %), and 5-Hydroxypoly[methyleneoxy]methyl-1-aza-3,7-dioxabicyclo(3.3.0)octane (CAS 567	Plant protection product	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Aluminium sodium silicate-silver complex / Silver zeolite	Plant protection product	130328-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Aluminium sodium silicate-silver zinc complex / Silver-Zinc-Zeolite	Plant protection Product	130328-20-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
[1.alpha.(S*),3.alpha.]-(.alpha.)-cyano-(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / alpha-Cypermethrin	Plant protection product	67375-30-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copolymer of 2-propenal and propane-1,2-diol	Polymer	191546-07-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 6**  
**In-can preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Poly(hexamethylenediamine guanidinium chloride)	Polymer	57028-96-3	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Poly(oxy-1,2-ethanediyl), .alpha.-[2-(didecylmethylammonio)ethyl]- .omega.-hydroxy-, propanoate (salt)	Polymer	94667-33-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 7**  
**Film preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Bronopol	200-143-0	52-51-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-chloroacetamide	201-174-2	79-07-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Symclosene	201-782-8	87-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichlorophen	202-567-1	97-23-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Glutaral	203-856-5	111-30-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-Phenoxyethanol	204-589-7	122-99-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cetylpyridinium chloride	204-593-9	123-03-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Captan	205-087-0	133-06-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiram	205-286-2	137-26-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Ziram	205-288-3	137-30-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Dazomet	208-576-7	533-74-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Zinc sulphide	215-251-3	1314-98-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 7**  
**Film preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorothalonil	217-588-1	1897-45-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Fluometuron	218-500-4	2164-17-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,2'-dithiobis[N-methylbenzamide]	219-768-5	2527-58-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Methylene dithiocyanate	228-652-3	6317-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Didecyldimethylammonium chloride	230-525-2	7173-51-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Prometryn	230-711-3	7287-19-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Iodine	231-442-4	7553-56-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium bromide	231-599-9	7647-15-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Lignin	232-682-2	9005-53-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Boric acid	233-139-2	10043-35-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

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**PT 7**  
**Film preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium hydrogen 2,2'-methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,2-dibromo-2-cyanoacetamide	233-539-7	10222-01-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Ammonium bromide	235-183-8	12124-97-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorotoluron	239-592-2	15545-48-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine	248-872-3	28159-98-0	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
2-bromo-2-(bromomethyl)pentanedinitrile	252-681-0	35691-65-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 7**  
**Film preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	270-331-5	68424-95-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium N-(hydroxymethyl)glycinate	274-357-8	70161-44-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1-[1,3-bis(hydroxymethyl)-2,5-dioximidazolidin-4-yl]-1,3-bis(hydroxymethyl)urea / Diazolidinylurea	278-928-2	78491-02-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Mixture of: (C8-18)alkylbis(2-hydroxyethyl)ammonium bis(2-ethylhexyl)phosphate;(C8-18)alkylbis(2-hydroxyethyl)ammonium 2-ethylhexylhydrogenphosphate	404-690-8	68132-19-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

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**PT 7**  
**Film preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium iodides	Mixture	308074-50-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	Mixture	55965-84-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or hydroxides) / BKC	Mixture of EINECS listed substances	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds (dialkyldimethyl (alkyl from C6-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) / DDAC	Mixture of EINECS listed substances	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Aluminium sodium silicate-silver complex / Silver zeolite	Plant protection product	130328-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Copolymer of 2-propenal and propane-1,2-diol	Polymer	191546-07-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>



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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 7**  
**Film preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 8**  
**Wood preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis(tributyltin) oxide	200-268-0	56-35-9	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Formic acid	200-579-1	64-18-6	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Propan-2-ol	200-661-7	67-63-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
L-(+)-lactic acid	201-196-2	79-33-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Fenitrothion	204-524-2	122-14-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Cetylpyridinium chloride	204-593-9	123-03-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Sodium pentachlorophenolate	205-025-2	131-52-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Diarsenic pentaoxide	215-116-9	1303-28-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Zinc oxide	215-222-5	1314-13-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Dicopper oxide	215-270-7	1317-39-1	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Chromium trioxide	215-607-8	1333-82-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Naphthenic acids, copper salts	215-657-0	1338-02-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 8**  
**Wood preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Chlorothalonil	217-588-1	1897-45-6	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Iodine	231-442-4	7553-56-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Copper sulphate	231-847-6	7758-98-7	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Lignin	232-682-2	9005-53-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Oxine-copper	233-841-9	10380-28-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Sodium dichromate	234-190-3	10588-01-9	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Trimagnesium diphosphide	235-023-7	12057-74-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Hexaboron dizinc undecaoxide / Zinc borate	235-804-2	12767-90-7	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Hexafluorosilicic acid	241-034-8	16961-83-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Aluminium phosphide	244-088-0	20859-73-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
2-octyl-2H-isothiazol-3-one	247-761-7	26530-20-1	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole / Imazalil	252-615-0	35554-44-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 8**  
**Wood preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
.alpha.-cyano-3-phenoxybenzyl [1R-[1.alpha.(S*),3.alpha.]]-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate / Deltamethrin	258-256-6	52918-63-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
.alpha.-cyano-4-fluoro-3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Cyfluthrin	269-855-7	68359-37-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	270-331-5	68424-95-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Margosa ext.	283-644-7	84696-25-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Stannane, tributyl-, mono(naphthenoxy) derivs.	287-083-9	85409-17-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Fipronil	424-610-5	120068-37-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 8**  
**Wood preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Guazatine triacetate	Plant protection product	115044-19-4	02/09/2008	<a href="#">Commission Decision 2007/597/EC</a>
Esfenvalerate / (S)-.alpha.-Cyano-3-phenoxybenzyl (S)-2-(4-chlorophenyl)-3-methylbutyrate	Plant protection product	66230-04-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
[1.alpha.(S*),3.alpha.]-(.alpha.)-cyano-(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / alpha-Cypermethrin	Plant protection product	67375-30-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
(±)-1-(.beta.-allyloxy-2,4-dichlorophenylethyl)imidazole / Technical grade imazalil	Plant protection product	73790-28-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Formaldehyde	200-001-8	50-00-0	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Diphenoxarsin-10-yl oxide	200-377-3	58-36-6	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Formic acid	200-579-1	64-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Propan-2-ol	200-661-7	67-63-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-chloroacetamide	201-174-2	79-07-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Symclosene	201-782-8	87-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichlorophen	202-567-1	97-23-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Glutaral	203-856-5	111-30-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cetylpyridinium chloride	204-593-9	123-03-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tosylchloramide sodium	204-854-7	127-65-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Captan	205-087-0	133-06-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Ziram	205-288-3	137-30-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Potassium methyldithiocarbamate	205-292-5	137-41-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium cyanodithiocarbamate	205-346-8	138-93-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-bis(hydroxymethyl)urea	205-444-0	140-95-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Nabam	205-547-0	142-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Dazomet	208-576-7	533-74-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Hydroxyl-2-pyridone	212-506-0	822-89-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4,5-dichloro-3H-1,2-dithiol-3-one	214-754-5	1192-52-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Zinc sulphide	215-251-3	1314-98-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-Butanone, peroxide	215-661-2	1338-23-4	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorothalonil	217-588-1	1897-45-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Fluometuron	218-500-4	2164-17-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	219-145-8	2372-82-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Tolnaftate	219-266-6	2398-96-1	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	219-655-0	2491-38-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
2,2'-dithiobis[N-methylbenzamide]	219-768-5	2527-58-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Troclosene sodium	220-767-7	2893-78-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium dichloroisocyanurate dihydrate	220-767-7	51580-86-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bis(trichloromethyl) sulphone	221-310-4	3064-70-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(ethylenedioxy)dimethanol	222-720-6	3586-55-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dipyrrithione	223-024-5	3696-28-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium 2,4,6-trichlorophenolate	223-246-2	3784-03-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Methenamine 3-chloroallylochloride	223-805-0	4080-31-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	225-208-0	4719-04-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	226-408-0	5395-50-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N,N'-methylenebismorpholine	227-062-3	5625-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Methylene dithiocyanate	228-652-3	6317-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Didecyldimethylammonium chloride	230-525-2	7173-51-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Prometryn	230-711-3	7287-19-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Iodine	231-442-4	7553-56-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium bromide	231-599-9	7647-15-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium disulphite	231-673-0	7681-57-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium sulphite	231-821-4	7757-83-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Lignin	232-682-2	9005-53-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Boric acid	233-139-2	10043-35-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium sulphite	233-321-1	10117-38-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogen 2,2'-methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,2-dibromo-2-cyanoacetamide	233-539-7	10222-01-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Ammonium bromide	235-183-8	12124-97-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Hexaboron dizinc undecaoxide / Zinc borate	235-804-2	12767-90-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(benzyloxy)methanol	238-588-8	14548-60-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bis(1-hydroxy-1H-pyridine-2-thionato-O,S)copper	238-984-0	14915-37-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorotoluron	239-592-2	15545-48-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dipotassium disulphite	240-795-3	16731-55-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Benzoxonium chloride	243-008-1	19379-90-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
.alpha.,.alpha.',.alpha."-trimethyl-1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol	246-764-0	25254-50-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine	248-872-3	28159-98-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bromochloro-5,5-dimethylimidazolidine-2,4-dione	251-171-5	32718-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
2-bromo-2-(bromomethyl)pentanedinitrile	252-681-0	35691-65-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
.alpha.-cyano-3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Cypermethrin	257-842-9	52315-07-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tetrakis(hydroxymethyl)phosphonium sulphate(2:1)	259-709-0	55566-30-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	270-331-5	68424-95-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tributyltetradecylphosphonium chloride	279-808-2	81741-28-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Margosa ext.	283-644-7	84696-25-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Mixture of: (C8-18)alkylbis(2-hydroxyethyl)ammonium bis(2-ethylhexyl)phosphate;(C8-18)alkylbis(2-hydroxyethyl)ammonium 2-ethylhexylhydrogenphosphate	404-690-8	68132-19-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	426-020-3	51229-78-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiamethoxam	428-650-4	153719-23-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
5-chloro-2-(4-chlorphenoxy)phenol	429-290-0	3380-30-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	Mixture	55965-84-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or hydroxides) / BKC	Mixture of EINECS listed substances	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds (dialkyldimethyl (alkyl from C6-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) / DDAC	Mixture of EINECS listed substances	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 9**

**Fibre, leather, rubber and polymerised materials preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
[1.alpha.(S*),3.alpha.]-(.alpha.)-cyano-(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / alpha-Cypermethrin	Plant protection product	67375-30-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	Polymer	31075-24-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(oxy-1,2-ethanediy), .alpha.-[2-(didecylmethylammonio)ethyl]- .omega.-hydroxy-, propanoate (salt)	Polymer	94667-33-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 10**  
**Masonry preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Bronopol	200-143-0	52-51-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorocresol	200-431-6	59-50-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Propan-2-ol	200-661-7	67-63-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-chloroacetamide	201-174-2	79-07-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichlorophen	202-567-1	97-23-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Hexa-2,4-dienoic acid / Sorbic acid	203-768-7	110-44-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Glutaral	203-856-5	111-30-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-Phenoxyethanol	204-589-7	122-99-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tosylchloramide sodium	204-854-7	127-65-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium dimethyldithiocarbamate	204-875-1	128-03-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Captan	205-087-0	133-06-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N-(trichloromethylthio)phthalimide / Folpet	205-088-6	133-07-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiram	205-286-2	137-26-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 10**  
**Masonry preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Ziram	205-288-3	137-30-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Nabam	205-547-0	142-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-hydroxy-4-isopropyl-2,4,6-cycloheptatrien-1-one	207-880-7	499-44-5	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Dazomet	208-576-7	533-74-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichloro-N-[(dimethylamino)sulphonyl]fluoro-N-(p-tolyl)methanesulphenamide / Tolyfluanid	211-986-9	731-27-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Hydroxyl-2-pyridone	212-506-0	822-89-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichlofluanid	214-118-7	1085-98-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Zinc sulphide	215-251-3	1314-98-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorothalonil	217-588-1	1897-45-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Fluometuron	218-500-4	2164-17-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	219-145-8	2372-82-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 10**  
**Masonry preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bis(trichloromethyl) sulphone	221-310-4	3064-70-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	226-408-0	5395-50-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Methylene dithiocyanate	228-652-3	6317-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Prometryn	230-711-3	7287-19-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Iodine	231-442-4	7553-56-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Lignin	232-682-2	9005-53-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Boric acid	233-139-2	10043-35-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogen 2,2' methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,2-dibromo-2-cyanoacetamide	233-539-7	10222-01-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(benzyloxy)methanol	238-588-8	14548-60-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorotoluron	239-592-2	15545-48-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>



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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 10**  
**Masonry preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium p-chloro-m-cresolate	239-825-8	15733-22-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium (E,E)-hexa-2,4-dienoate	246-376-1	24634-61-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride	248-595-8	27668-52-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine	248-872-3	28159-98-0	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
2-bromo-2-(bromomethyl)pentanedinitrile	252-681-0	35691-65-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3,3'-methylenebis[5-methyloxazolidine] / Oxazolidin	266-235-8	66204-44-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 10**  
**Masonry preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Silver sodium hydrogen zirconium phosphate	422-570-3	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	Mixture	55965-84-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Copolymer of 2-propenal and propane-1,2-diol	Polymer	191546-07-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 10**  
**Masonry preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylenediamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylenebiguanide)	Polymer	91403-50-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 11**  
**Preservatives for liquid-cooling and processing systems**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O)diazaniumato(2-)]-copper		312600-89-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Peroxyoctanoic acid		33734-57-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Formaldehyde	200-001-8	50-00-0	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Benzoic acid	200-618-2	65-85-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Propan-2-ol	200-661-7	67-63-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-dibromo-5,5-dimethylhydantoin	201-030-9	77-48-5	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
2-chloroacetamide	201-174-2	79-07-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichlorophen	202-567-1	97-23-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-Phenoxyethanol	204-589-7	122-99-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Nitromethylidynetrimethanol	204-769-5	126-11-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tosylchloramide sodium	204-854-7	127-65-1	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Thiram	205-286-2	137-26-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 11**  
**Preservatives for liquid-cooling and processing systems**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Ziram	205-288-3	137-30-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium methyldithiocarbamate	205-292-5	137-41-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium cyanodithiocarbamate	205-346-8	138-93-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-bis(hydroxymethyl)urea	205-444-0	140-95-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Nabam	205-547-0	142-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiabendazole	205-725-8	148-79-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Sodium benzoate	208-534-8	532-32-1	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
Dazomet	208-576-7	533-74-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Hydroxyl-2-pyridone	212-506-0	822-89-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,6-dimethyl-1,3-dioxan-4-yl acetate	212-579-9	828-00-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4,5-dichloro-3H-1,2-dithiol-3-one	214-754-5	1192-52-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 11**  
**Preservatives for liquid-cooling and processing systems**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Fluometuron	218-500-4	2164-17-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	219-655-0	2491-38-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Bis(trichloromethyl) sulphone	221-310-4	3064-70-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Pyridine-2-thiol 1-oxide, sodium salt	223-296-5	3811-73-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N,N'-methylenebismorpholine	227-062-3	5625-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Terbutylazine	227-637-9	5915-41-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Methylene dithiocyanate	228-652-3	6317-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	229-222-8	6440-58-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(2-bromo-2-nitrovinyl)benzene	230-515-8	7166-19-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Prometryn	230-711-3	7287-19-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Copper	231-159-6	7440-50-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Iodine	231-442-4	7553-56-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium disulphite	231-673-0	7681-57-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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**PT 11**  
**Preservatives for liquid-cooling and processing systems**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
7a-ethylidihydro-1H,3H,5H-oxazolo[3,4-c]oxazole	231-810-4	7747-35-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium sulphite	231-821-4	7757-83-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium chlorite	231-836-6	7758-19-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium chlorate	231-887-4	7775-09-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Lignin	232-682-2	9005-53-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Boric acid	233-139-2	10043-35-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium sulphite	233-321-1	10117-38-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogen 2,2' methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Carbendazim	234-232-0	10605-21-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(benzyloxy)methanol	238-588-8	14548-60-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorotoluron	239-592-2	15545-48-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dipotassium disulphite	240-795-3	16731-55-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 11**  
**Preservatives for liquid-cooling and processing systems**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
2-bromo-2-(bromomethyl)pentanedinitrile	252-681-0	35691-65-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4,4-dimethyloxazolidine	257-048-2	51200-87-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-iodo-2-propynyl butylcarbamate	259-627-5	55406-53-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one 1,1-dioxide (1:1)	273-545-7	68989-01-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Pentapotassium bis(peroxymonosulphate) bis(sulphate)	274-778-7	70693-62-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tributyltetradecylphosphonium chloride	279-808-2	81741-28-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Urea, N,N'-bis(hydroxymethyl)-, reaction products with 2-(2-butoxyethoxy)ethanol, ethylene glycol and formaldehyde	292-348-7	90604-54-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
6-(phthalimido)peroxyhexanoic acid	410-850-8	128275-31-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide / Perestane	432-790-1	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>



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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 11**  
**Preservatives for liquid-cooling and processing systems**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis(3-aminopropyl)octylamine	433-340-7	86423-37-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Polyvinylpyrrolidone iodine	Polymer	25655-41-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	Polymer	31075-24-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(oxy-1,2-ethanediyl), .alpha.-[2-(didecylmethylammonio)ethyl]-.omega.-hydroxy-, propanoate (salt)	Polymer	94667-33-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis[1-cyclohexyl-1,2-di(hydroxy- $\kappa$ .O)diazeniumato(2-)]-copper		312600-89-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Peroxyoctanoic acid		33734-57-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Formaldehyde	200-001-8	50-00-0	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Propan-2-ol	200-661-7	67-63-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-dibromo-5,5-dimethylhydantoin	201-030-9	77-48-5	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Glycollic acid	201-180-5	79-14-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dichlorophen	202-567-1	97-23-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Glyoxal	203-474-9	107-22-2	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
1,3-dichloro-5,5-dimethylhydantoin	204-258-7	118-52-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Nitromethylidynetrimethanol	204-769-5	126-11-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiram	205-286-2	137-26-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Ziram	205-288-3	137-30-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium methyldithiocarbamate	205-292-5	137-41-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Metam-sodium	205-293-0	137-42-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium cyanodithiocarbamate	205-346-8	138-93-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-bis(hydroxymethyl)urea	205-444-0	140-95-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Nabam	205-547-0	142-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiabendazole	205-725-8	148-79-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Hydroxyl-2-pyridone	212-506-0	822-89-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,6-dimethyl-1,3-dioxan-4-yl acetate	212-579-9	828-00-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4,5-dichloro-3H-1,2-dithiol-3-one	214-754-5	1192-52-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Fluometuron	218-500-4	2164-17-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	219-655-0	2491-38-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
2,2'-dithiobis[N-methylbenzamide]	219-768-5	2527-58-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bis(trichloromethyl) sulphone	221-310-4	3064-70-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Pyridine-2-thiol 1-oxide, sodium salt	223-296-5	3811-73-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Terbutylazine	227-637-9	5915-41-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(R)-p-mentha-1,8-diene	227-813-5	5989-27-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	229-222-8	6440-58-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
(2-bromo-2-nitrovinyl)benzene	230-515-8	7166-19-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Prometryn	230-711-3	7287-19-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium disulphite	231-673-0	7681-57-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
7a-ethylidihydro-1H,3H,5H-oxazolo[3,4-c]oxazole	231-810-4	7747-35-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium sulphite	231-821-4	7757-83-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium chlorite	231-836-6	7758-19-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium chlorate	231-887-4	7775-09-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Lignin	232-682-2	9005-53-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Boric acid	233-139-2	10043-35-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Potassium sulphite	233-321-1	10117-38-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogen 2,2' methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Carbendazim	234-232-0	10605-21-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bromine chloride	237-601-4	13863-41-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorotoluron	239-592-2	15545-48-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dipotassium disulphite	240-795-3	16731-55-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
p-[(diiodomethyl)sulphonyl]toluene	243-468-3	20018-09-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-octyl-2H-isothiazol-3-one	247-761-7	26530-20-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4,5-dichloro-2-octyl-2H-isothiazol-3-one	264-843-8	64359-81-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one 1,1-dioxide (1:1)	273-545-7	68989-01-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Pentapotassium bis(peroxymonosulphate) bis(sulphate)	274-778-7	70693-62-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Tributyltetradecylphosphonium chloride	279-808-2	81741-28-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Urea, N,N'-bis(hydroxymethyl)-, reaction products with 2-(2-butoxyethoxy)ethanol, ethylene glycol and formaldehyde	292-348-7	90604-54-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	309-206-8	100085-64-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1,3-dichloro-5-ethyl-5-methylimidazolidine-2,4-dione	401-570-7	89415-87-2	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
6-(phthalimido)peroxyhexanoic acid	410-850-8	128275-31-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	426-020-3	51229-78-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide / Perestane	432-790-1	-	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bis(3-aminopropyl)octylamine	433-340-7	86423-37-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium lignosulfonate	Natural Polymer	8061-51-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride	Polymer	25988-97-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Monohydro chloride of polymer of N,N''-1,6-hexanediylbis[N'-cyanoguanidine] (EINECS 240-032-4) and hexamethylenediamine (EINECS 204-679-6) / Polyhexamethylene biguanide (monomer: 1,5-bis(trimethylen)-guanylguanidinium monohydrochloride)	Polymer	3-27-8 / 32289	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 12**  
**Slimicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	Polymer	31075-24-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(oxy-1,2-ethanediyl), .alpha.-[2-(didecylmethylammonio)ethyl]- .omega.-hydroxy-, propanoate (salt)	Polymer	94667-33-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Cyclohexylhydroxydiazene 1-oxide, potassium salt		66603-10-9	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Formaldehyde	200-001-8	50-00-0	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Bronopol	200-143-0	52-51-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Formic acid	200-579-1	64-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2-chloroacetamide	201-174-2	79-07-2	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
L-(+)-lactic acid	201-196-2	79-33-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Dichlorophen	202-567-1	97-23-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nitromethylidynetrimethanol	204-769-5	126-11-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium dimethyldithiocarbamate	204-875-1	128-03-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium dimethyldithiocarbamate	204-876-7	128-04-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Metam-sodium	205-293-0	137-42-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-bis(hydroxymethyl)urea	205-444-0	140-95-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Nabam	205-547-0	142-59-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Thiabendazole	205-725-8	148-79-8	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Benzothiazole-2-thiol	205-736-8	149-30-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Phthalaldehyde	211-402-2	643-79-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Hydroxyl-2-pyridone	212-506-0	822-89-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,6-dimethyl-1,3-dioxan-4-yl acetate	212-579-9	828-00-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2,4-dichlorobenzyl alcohol	217-210-5	1777-82-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Fluometuron	218-500-4	2164-17-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
4-(2-nitrobutyl)morpholine	218-748-3	2224-44-4	01/02/2014	
2,2'-dithiobis[N-methylbenzamide]	219-768-5	2527-58-4	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Methylene dithiocyanate	228-652-3	6317-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(2-bromo-2-nitrovinyl)benzene	230-515-8	7166-19-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Didecyldimethylammonium chloride	230-525-2	7173-51-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Prometryn	230-711-3	7287-19-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sulphur dioxide	231-195-2	7446-09-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium bromide	231-599-9	7647-15-6	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Disodium disulphite	231-673-0	7681-57-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium sulphite	231-821-4	7757-83-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Lignin	232-682-2	9005-53-2	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>
Boric acid	233-139-2	10043-35-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Potassium sulphite	233-321-1	10117-38-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Sodium hydrogen 2,2'methylenebis[4-chlorophenolate]	233-457-1	10187-52-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Carbendazim	234-232-0	10605-21-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Pyrithione zinc	236-671-3	13463-41-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Chlorotoluron	239-592-2	15545-48-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
p-[(diiodomethyl)sulphonyl]toluene	243-468-3	20018-09-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bromochloro-5,5-dimethylimidazolidine-2,4-dione	251-171-5	32718-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole / Imazalil	252-615-0	35554-44-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
2-bromo-2-(bromomethyl)pentanedinitrile	252-681-0	35691-65-7	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	270-331-5	68424-95-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
1,3-didecyl-2-methyl-1H-imidazolium chloride	274-948-0	70862-65-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Urea, N,N'-bis(hydroxymethyl)-, reaction products with 2-(2-butoxyethoxy)ethanol, ethylene glycol and formaldehyde	292-348-7	90604-54-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyl dimethyl, hydroxides, inner salts	309-206-8	100085-64-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Reaction products of diisopropanolamine with formaldehyde(1:4)	432-440-8	220444-73-5	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Bis(3-aminopropyl)octylamine	433-340-7	86423-37-2	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 1-phenoxypropan-2-ol (EINECS 212-222-7) and 2-phenoxypropanol (EINECS 224-027-4)	Mixture	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	Mixture	139734-65-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or hydroxides) / BKC	Mixture of EINECS listed substances	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds (dialkyldimethyl (alkyl from C6-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) / DDAC	Mixture of EINECS listed substances	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Mixture of 5-Hydroxymethoxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane (CAS 59720-42-2, 16.0 %) and 5-Hydroxy-1-aza-3,7-dioxabicyclo(3.3.0)octane (EINECS 229-457-6, 28.8 %), and 5-Hydroxypoly[methyleneoxy]methyl-1-aza-3,7-dioxabicyclo(3.3.0)octane (CAS 567	Plant protection product	-	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Aluminium sodium silicate-silver complex / Silver zeolite	Plant protection product	130328-18-6	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
(±)-1-(.beta.-allyloxy-2,4-dichlorophenylethyl)imidazole / Technical grade imazalil	Plant protection product	73790-28-0	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Copolymer of 2-propenal and propane-1,2-diol	Polymer	191546-07-3	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate	Polymer	214710-34-6	28/02/2010	<a href="#">Commission Decision 2009/322/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 13**  
**Metalworking-fluid preservatives**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	Polymer	31075-24-8	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Poly(oxy-1,2-ethanediyl), .alpha.-[2-(didecylmethylammonio)ethyl]-.omega.-hydroxy-, propanoate (salt)	Polymer	94667-33-1	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 14**  
**Rodenticides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Diphacinone	201-434-5	82-66-6	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Trizinc diphosphide	215-244-5	1314-84-7	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Trimagnesium diphosphide	235-023-7	12057-74-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
.alpha.,.alpha.,.alpha.-Trifluoro-N-methyl-4,6-dinitro-N-(2,4,6-tribromophenyl)-o-toluidine / Bromethalin	Plant protection product	63333-35-7	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 15**  
**Avicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Carbon dioxide	204-696-9	124-38-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chloralose	240-016-7	15879-93-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 16**  
**Molluscicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium hydrogencarbonate	205-633-8	144-55-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Didecyldimethylammonium chloride	230-525-2	7173-51-5	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Silicon dioxide – amorphous	231-545-4	7631-86-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Sodium bromide	231-599-9	7647-15-6	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Sodium chlorite	231-836-6	7758-19-2	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Chlorine dioxide	233-162-8	10049-04-4	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Abamectin (Mixture of Avermectin B1a; > 80%, EINECS 265-610-3; and Avermectin B1b; < 20% EINECS 265-611-9)	265-610-3	71751-41-2	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	270-331-5	68424-95-3	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 16**  
**Molluscicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	Polymer	31075-24-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>

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Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 17**  
**Piscicides**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 18**

**Insecticides, acaricides and products to control other arthropods**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Silica, amorphous, crystalline-free		112945-52-5	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Formaldehyde	200-001-8	50-00-0	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Dimethoate	200-480-3	60-51-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Dichlorvos	200-547-7	62-73-7	01/11/2012	
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Formic acid	200-579-1	64-18-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Propan-2-ol	200-661-7	67-63-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
1,4-dichlorobenzene	203-400-5	106-46-7	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
N-(2-ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide	204-029-1	113-48-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Propoxur	204-043-8	114-26-1	31/05/2010	<a href="#">Commission Decision 2009/324/EC</a>
Benzyl benzoate	204-402-9	120-51-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Malathion	204-497-7	121-75-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Fenitrothion	204-524-2	122-14-5	31/05/2010	<a href="#">Commission Decision 2009/324/EC</a>
Sodium hydrogencarbonate	205-633-8	144-55-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Naled	206-098-3	300-76-5	01/11/2012	

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 18**

**Insecticides, acaricides and products to control other arthropods**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
(RS)-3-allyl-2-methyl-4-oxocyclopent-2-enyl-(1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)-cyclopropanecarboxylate (all isomers; ratio: 1:1:1:1:1:1) / Allethrin	209-542-4	584-79-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Calcium dihydroxide / calcium hydroxide / caustic lime / hydrated lime / slaked lime	215-137-3	1305-62-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Calcium oxide / lime / burnt lime / quicklime	215-138-9	1305-78-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Zinc sulphide	215-251-3	1314-98-3	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Disodium tetraborate, anhydrous	215-540-4	1330-43-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Chlorpyrifos	220-864-4	2921-88-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Sodium 5-chloro-2-[4-chloro-2-[[[(3,4-dichlorophenyl)amino]carbonyl]amino]phenoxy]benzenesulphonate	222-654-8	3567-25-7	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Chlorpyrifos-methyl	227-011-5	5598-13-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
(R)-p-mentha-1,8-diene	227-813-5	5989-27-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Didecyldimethylammonium chloride	230-525-2	7173-51-5	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Rape oil	232-299-0	8002-13-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 18**  
**Insecticides, acaricides and products to control other arthropods**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Garlic ext.	232-371-1	8008-99-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Boric acid	233-139-2	10043-35-3	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Disodium octaborate tetrahydrate	234-541-0	12280-03-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Phoxim	238-887-3	14816-18-3	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Methomyl	240-815-0	16752-77-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Cis-tricos-9-ene	248-505-7	27519-02-4	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
(S)-3-allyl-2-methyl-4-oxocyclopent-2-enyl(1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)-cyclopropanecarboxylate (only 1R trans, 1S isomer) / S-Bioallethrin	249-013-5	28434-00-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Bioresmethrin	249-014-0	28434-01-7	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Pirimiphos-methyl	249-528-5	29232-93-7	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Trans-isopropyl-3-[[[(ethylamino)methoxyphosphinothioyl]oxy]crotonate	250-517-2	31218-83-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Amitraz	251-375-4	33089-61-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Calcium magnesium oxide / dolomitic lime	253-425-0	37247-91-9	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 18**  
**Insecticides, acaricides and products to control other arthropods**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Calcium magnesium tetrahydroxide / calcium magnesium hydroxide / hydrated dolomitic lime	254-454-1	39445-23-3	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
3-iodo-2-propynyl butylcarbamate	259-627-5	55406-53-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
ethyl [2-(4-phenoxyphenoxy)ethyl]carbamate / Fenoxycarb	276-696-7	72490-01-8	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
.alpha.-cyano-4-fluoro-3-phenoxybenzyl [1.alpha.(S*),3.alpha.]-(+)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	289-244-9	86560-93-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Lavender, Lavandula hybrida, ext. / Lavandin oil	294-470-6	91722-69-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Reaction products of: glutamic acid and N-(C12-14-alkyl)propylenediamine	403-950-8	164907-72-6	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 18**

**Insecticides, acaricides and products to control other arthropods**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
5,5-dimethyl-perhydro-pyrimidin-2-one .alpha.-(4-trifluoromethylstyryl)-.alpha.-(4-trifluoromethyl)cinnamylidenehydrazone / Hydramethylnon	405-090-9	67485-29-4	31/05/2010	<a href="#">Commission Decision 2009/324/EC</a>
1-(4-(2-cloro-a,a,a-p-trifluorotolyoxy)-2-fluorophenyl)-3-(2,6-difluorobenzoly)urea / Flufenoxuron	417-680-3	101463-69-8	01/08/2012	<a href="#">Commission Decision 2012/77/EU</a>
Potassium salts of fatty acids (C15-21)	Mixture	-	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
(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 : 1RS only 1:1) / Bioallethrin / d-trans-Allethrin	Plant protection product	-	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
S-Cyphenothrin	Plant protection product	-	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
S-Hydroprene / Ethyl (S-(E,E))-3,7,11-trimethyldodeca-2,4-dienoate	Plant protection product	65733-18-8	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Cyclopropanecarboxylic acid, 3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propenyl]-2,2-dimethyl-, (2-methyl[1,1'-biphenyl]-3-ylmethyl ester, (1R,3R)-rel- / Bifenthrin / Biphenate	Plant protection product	82657-04-3	01/05/2013	<a href="#">Commission decision 2012/728/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 19**  
**Repellents and attractants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether / Piperonyl butoxide	200-076-7	51-03-6	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Propan-2-ol	200-661-7	67-63-0	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Linalool	201-134-4	78-70-6	31/05/2010	<a href="#">Commission Decision 2009/324/EC</a>
Anthraquinone	201-549-0	84-65-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Naphthalene	202-049-5	91-20-3	21/08/2009	<a href="#">Commission Decision 2008/681/EC</a>
1,4-dichlorobenzene	203-400-5	106-46-7	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Benzyl benzoate	204-402-9	120-51-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Octanoic acid	204-677-5	124-07-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Methyl anthranilate	205-132-4	134-20-3	31/05/2010	<a href="#">Commission Decision 2009/324/EC</a>
Ziram	205-288-3	137-30-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Sodium hydrogencarbonate	205-633-8	144-55-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Oct-1-ene-3-ol	222-226-0	3391-86-4	31/05/2010	<a href="#">Commission Decision 2009/324/EC</a>
(R)-p-mentha-1,8-diene	227-813-5	5989-27-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 19**  
**Repellents and attractants**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Silicon dioxide – amorphous	231-545-4	7631-86-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Bone oil / Animal oil	232-294-3	8001-85-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Garlic ext.	232-371-1	8008-99-9	25/10/2009	<a href="#">Commission Decision 2008/809/EC</a>
Lignin	232-682-2	9005-53-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Permethrin	258-067-9	52645-53-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Melaleuca alternifolia, ext. / Australian Tea Tree Oil	285-377-1	85085-48-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Chrysanthemum cinerariaefolium, ext.	289-699-3	89997-63-7	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Juniper, Juniperus mexicana, ext.	294-461-7	91722-61-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

#### PT 19

#### Repellents and attractants

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Methyl neodecanamide	414-460-9	105726-67-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
(E)-2-Octadecenal	Not yet allocated	51534-37-3	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
(E,Z)-2,13-Octadecadienal	Not yet allocated	99577-57-8	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 20**  
**Preservatives for food or feedstocks**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Benzoic acid	200-618-2	65-85-0	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
Ethylene oxide	200-849-9	75-21-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
L-(+)-lactic acid	201-196-2	79-33-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Cetylpyridinium chloride	204-593-9	123-03-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Carbon dioxide	204-696-9	124-38-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Metam-sodium	205-293-0	137-42-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Thiabendazole	205-725-8	148-79-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium benzoate	208-534-8	532-32-1	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Calcium dihexa-2,4-dienoate	231-321-6	7492-55-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Silicon dioxide – amorphous	231-545-4	7631-86-9	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium disulphite	231-673-0	7681-57-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium sulphite	231-821-4	7757-83-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 20**  
**Preservatives for food or feedstocks**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium chlorite	231-836-6	7758-19-2	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chlorine dioxide	233-162-8	10049-04-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Potassium sulphite	233-321-1	10117-38-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Trimagnesium diphosphide	235-023-7	12057-74-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Dipotassium disulphite	240-795-3	16731-55-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Aluminium phosphide	244-088-0	20859-73-8	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole / Imazalil	252-615-0	35554-44-0	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole / Propiconazole	262-104-4	60207-90-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 21**  
**Antifouling products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O)diazaniumato(2-)]-copper		312600-89-8	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Formaldehyde	200-001-8	50-00-0	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Cetylpyridinium chloride	204-593-9	123-03-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Captan	205-087-0	133-06-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
N-(trichloromethylthio)phthalimide / Folpet	205-088-6	133-07-3	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Ziram	205-288-3	137-30-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Thiabendazole	205-725-8	148-79-8	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Diuron	206-354-4	330-54-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Zinc sulphide	215-251-3	1314-98-3	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Chlorothalonil	217-588-1	1897-45-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Fluometuron	218-500-4	2164-17-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Prometryn	230-711-3	7287-19-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Sulphur dioxide	231-195-2	7446-09-5	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Iodine	231-442-4	7553-56-2	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 21**  
**Antifouling products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Sodium hydrogensulphite	231-548-0	7631-90-5	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Disodium disulphite	231-673-0	7681-57-4	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Sodium sulphite	231-821-4	7757-83-7	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Lignin	232-682-2	9005-53-2	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Potassium sulphite	233-321-1	10117-38-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Chlorotoluron	239-592-2	15545-48-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Dipotassium disulphite	240-795-3	16731-55-8	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
(benzothiazol-2-ylthio)methyl thiocyanate	244-445-0	21564-17-0	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride	248-595-8	27668-52-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
3-(4-isopropylphenyl)-1,1-dimethylurea / Isoproturon	251-835-4	34123-59-6	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine / Fenpropimorph	266-719-9	67564-91-4	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	269-919-4	68391-01-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>



Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 21**  
**Antifouling products**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	270-325-2	68424-85-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	287-089-1	85409-22-9	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	287-090-7	85409-23-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine,4-oxide	431-030-6	163269-30-5	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Chloromethyl n-octyl disulfide	432-680-3	180128-56-7	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile / Chlorfenapyr	Plant protection product	122453-73-0	22/08/2008	<a href="#">Commission Decision 2007/565/EC</a>
Homopolymer of 2-tert-butylaminoethyl methacrylate (EINECS 223-228-4)	Polymer	26716-20-1	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	Polymer	374572-91-5	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>
Poly(hexamethylendiamine guanidinium chloride)	Polymer	57028-96-3	03/01/2008	<a href="#">Commission Regulation (EC) 1849/2006</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 22**  
**Embalming and taxidermist fluids**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Ethanol	200-578-6	64-17-5	01/09/2006	<a href="#">Commission Regulation (EC) 1048/2005</a>
Glutaral	203-856-5	111-30-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
N,N-diethyl-m-toluamide	205-149-7	134-62-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-Butanone, peroxide	215-661-2	1338-23-4	01/11/2011	<a href="#">Commission Decision 2010/675/EU</a>
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Bis(trichloromethyl) sulphone	221-310-4	3064-70-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Methylene dithiocyanate	228-652-3	6317-18-6	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sulphur dioxide	231-195-2	7446-09-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium hydrogensulphite	231-548-0	7631-90-5	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Disodium disulphite	231-673-0	7681-57-4	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Sodium sulphite	231-821-4	7757-83-7	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Boric acid	233-139-2	10043-35-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>
Potassium sulphite	233-321-1	10117-38-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Dodecylguanidine monohydrochloride	237-030-0	13590-97-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
 In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

**PT 22**  
**Embalming and taxidermist fluids**

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Dipotassium disulphite	240-795-3	16731-55-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate / Permethrin	258-067-9	52645-53-1	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	270-331-5	68424-95-3	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Monohydro chloride of polymer of N,N''-1,6-hexanediylbis[N'-cyanoguanidine] (EINECS 240-032-4) and hexamethylenediamine (EINECS 204-679-6) / Polyhexamethylene biguanide (monomer: 1,5-bis(trimethylen)-guanylguanidinium monohydrochloride)	Polymer	3-27-8 / 32289	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

### PT 23

#### Control of other vertebrates

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
Formaldehyde	200-001-8	50-00-0	01/07/2012	<a href="#">Commission Decision 2011/391/EU</a>
Trimagnesium diphosphide	235-023-7	12057-74-8	09/02/2011	<a href="#">Commission Decision 2010/72/EU</a>
Chloralose	240-016-7	15879-93-3	01/02/2013	<a href="#">Commission Decision 2012/78/EU</a>

Existing active substances for which a decision of non-inclusion into Annex I or Ia of Directive 98/8/EC has been adopted  
In accordance with Article 4(2) of Regulation (EC) No 2032/2003, biocidal products containing active substances for which a non-inclusion decision was taken shall be removed from the market within 12 months of the entering into force of such decision; unless otherwise stipulated in that non-inclusion decision

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Dates by which products containing these active substances shall no longer be placed on the market for the relevant product-types

### PT 23

#### Control of other vertebrates

Name (EINECS and/or others)	EC number	CAS number	Products to be phased-out by	Decision reference
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