When the examination of the dossiers is completed, the active substances will or will not be approved in the framework of the regulations in force.

An approval regulation is specific to an active substance/product type (PT) combination. In addition to specific conditions on the use and possible restrictions of use, the approval regulation indicated gives the approval date of the active substance (AS), which corresponds to the deadline for submitting MA applications for existing biocidal products containing the AS/PT combination.

List of approved active substances (new active substances are shown in bold)

Active substances	Product types	Deadlines for submission of applications	Implementing Directive
Sulfuryl fluoride	8	1st January 2009	2006-140-EC
Dichlofluanid	8	1st March 2009	2007-20-EC
Difethialone	14	1st November 2009	2007-69-EC
Carbon dioxide	14	1st November 2009	2008-75-EC
Indoxacarb	18	1st January 2010	2009-87-EC
Thiacloprid	8	1st January 2010	2009-88-EC
Clothianidin	8	1st February 2010	2008-15-EC
Etofenprox	8	1st February 2010	2008-16-EC
Difenacoum	14	1st April 2010	2008-81-EC
Propiconazole	8	1st April 2010	2008-78-EC
Tebuconazole	8	1st April 2010	2008-86-EC
IPBC	8	1st July 2010	2008-79-EC
K-HDO	8	1st July 2010	2008-80-EC
Thiabendazole	8	1st July 2010	2008-85-EC
Thiamethoxam	8	1st July 2010	2008-77-EC
Acrolein	12	1st September 2011	2010-5-EU
Metofluthrin	18	1st May 2011	2010-71-EU

Alpha-chloralose	14	1st July 2011	2009-93-EC
Bromadiolone	14	1st July 2011	2009-92-EC
Chlorophacinone	14	1st July 2011	2009-99-EC
Coumatetralyl	14	1st July 2011	2009-85-EC
Fenpropimorph	8	1st July 2011	2009-86-EC
Sulfuryl fluoride	18	1st July 2011	2009-84-EC
Boric acid	8	1st September 2011	2009-94-EC
Boric oxid	8	1st September 2011	2009-98-EC
Nitrogen	18	1st September 2011	2009-89-EC
Disodium octaborate tetrahydrate	8	1st September 2011	2009-96-EC
Aluminium phosphide	14	1st September 2011	2009-95-EC
Disodium tetraborate	8	1st September 2011	2009-91-EC
Flocoumafen	14	1st October 2011	2009-150-EC
Tolylfluanid	8	1st October 2011	2009-151-EC
Brodifacoum	14	1st February 2012	2010-10-EU
Aluminium phosphide	18	1st February 2012	2010-9-EU
Magnesium phosphide	18	1st February 2012	2010-7-EU
Warfarin	8	1st February 2012	2010-11-EU
Warfarin sodium	14	1st February 2012	2010-8-EU
Dazomet	8	1st August 2012	2010-50-EU
N,N-diethyl-meta-toluamide (DEET)	19	1st August 2012	2010-51-EU
Spinosad	18	1st November 2012	2010-72-EU
Carbon Dioxide	18	1st November 2012	2010-74-EU
Bifenthrin	8	1st February 2013	2011-10-EU
Fenoxycarb	8	1st February 2013	2011-11-EU
(Z,E)-tetradeca-9,12-dienyl acetate (ZETDA)	19	1st February 2013	2011-12-EU
Nonanoic acid	19	1st February 2013	2011-13-EU
DDA Carbonate	8	1st February 2013	2012-22-EU
Creosote	8	1st May 2013	2011-71-EU
4,5-Dichloro-2-octyl-2H-isothiazol-3-one (DCOIT)	8	1st July 2013	2011-66-EU

Abamectin	18	1st July 2013	2011-67-EU
Imidacloprid	18	1st July 2013	2011-69-EU
Bacillus thuringiensis subsp. kurstaki Serotype H14, Strain AM65-52	18	1st October 2013	2011-78-EU
Fipronil	18	1st October 2013	2011-79-EU
Lambda cyhalothrin	18	1st October 2013	2011-80-EU
Deltamethrin	18	1st October 2013	2011-81-EU
Copper (II) hydroxide	8	1st February 2014	2012-2-EU
Copper (II) oxide	8	1st February 2014	2012-2-EU
Basic copper carbonate	8	1st February 2014	2012-2-EU
Bendiocarb	18	1st February 2014	2012-3-EU
Flufenoxuron	8	1st February 2014	2012-20-EU
Methyl nonyl ketone	19	1st May 2014	2012-14-EU
Margosa extract	18	1st May 2014	2012-15-EU
Hydrochloric acid	2	1st May 2014	2012-16-EU
cis-Tricos-9-ene	19	1st October 2014	2012-38-EU
Nonanoic acid	2	1st October 2014	2012-41-EU
Hydrogen cyanide	8, 14, 18	1st October 2014	2012-42-EU
Thiamethoxam	18	1st February 2015	2013-3-EU
Didecyldimethylammonium chloride (DDAC)	8	1st February 2015	2013-4-EU
Pyriproxyfen	18	1st February 2015	2013-5-EU
Diflubenzuron	18	1st February 2015	2013-6-EU
Alkyl (C12-C16)dime			

2013-7-EU

Tralopyril	21	1st April 2015	(EU) 1091-2014
Chlorfenapyr	8	1st May 2015	2013-27-EU
Powdered corn cob	14	1st February 2015	2013-44-EU
Cypermethrin	8	1st June 2015	(EU) 945-2013
Propiconazole	9	1st June 2015	(EU) 955-2013

Carbon dioxide	15	1st June 2015	(EU) 2015-292
Dinotefuran	18	1st June 2015	(EU) 2015-416
Bromoacetic acid	4	1st July 2015	(EU) 1032-2013
Copper sulfate pentahydrate	2	1st July 2015	(EU) 1033-2013
Aluminium phosphide releasing phosphine	20	1st July 2015	(EU) 1034-2013
Benzoic acid	3, 4	1st July 2015	(EU) 1035-2013
Etofenprox	18	1st July 2015	(EU) 1036-2013
IPBC	6	1st July 2015	(EU) 1037-2013
Tebuconazole	7, 10	1st July 2015	(EU) 1038-2013
1R-trans-phenothrin	18	1st September 2015	2013-41-EU

Bis(N-cyclohexyl-diazenium-dioxy)-copper (Cu-HDO)	8	1st September 2015	(EU) 89-2014
Decanoic acid	4, 18, 19	1st September 2015	(EU) 90-2014
S-methoprene	18	1st September 2015	(EU) 91-2014
Octanoic acid	4, 18	1st September 2015	(EU) 93-2014
Iodine and polyvinylpyrrolidone, iodine	1, 3, 4, 22	1st September 2015	(EU) 94-2014
Nonanoic acid	2	1st October 2015	(EU) 1039-2013
Lauric acid	19	1st November 2015	(EU) 405-2014
Ethyl butylacetylaminopropionate	19	1st November 2015	(EU) 406-2014
Transfluthrin	18	1st November 2015	(EU) 407-2014
Synthetic amorphous silicon dioxide	18	1st November 2015	(EU) 408-2014
Cyproconazole	8	1st November 2015	(EU) 438-2014
Zineb	21	1st January 2016	(EU) 92-2014
4,5-Dichloro-2-octyl-2H-isothiazol-3-one	21	1st January 2016	(EU) 437-2014
Pythium oligandrum strain M1	10	1st January 2016	

(EU) 2015-1610

Medetomidine	21	1st January 2016	(EU) 2015-1731
Folpet	6	1st January 2016	(EU) 2015-1757
Permethrin	8, 18	1st May 2016	(EU) 1090-2014
Alpha-cypermethrin	18	1st July 2016	(EU) 2015-405
Bacillus thuringiensis subsp. kurstaki, Serotype H14, Strain SA3A	18	1st July 2016	(EU) 2015-406
Propan-2-ol	1, 2, 4	1st July 2016	(EU) 2015-407
Bacillus sphaericus Serotype H5a5b, Strain ABTS1743	18	1st July 2016	(EU) 2015-417
Tolylfluanid	21	1st July 2016	(EU) 2015-419
Copper pyrithione	21	1st October 2016	(EU) 2015-984
Clothianidin	18	1st October 2016	(EU) 2015-985
2-methylisothiazol-3(2H)-one (MIT)	13	1st October 2016	(UE) 2015-1726
Folpet	7, 9	1st October 2016	(UE) 2015-1758
Glutaraldehyde	2, 3, 4, 6, 11, 12	1st October 2016	(UE) 2015-1759
Propiconazole	7	1st December 2016	(EU) 2015-1609
5-chloro-2-(4-chlorophénoxy)phénol (DCPP)	1, 2, 4	1st December 2016	(UE) 2015-1727
IPBC	13	1st December 2016	(UE) 2015-1728
Potassium sorbate	8	1st December 2016	(UE) 2015-1729
Copper, granulated	8	1st January 2017	(UE) 2016-1094
Hydrogen peroxide	1, 2, 3, 4, 5, 6	1st February 2017	(UE) 2015-1730
Bacillus thuringiensis subsp. kurstaki, Serotype 3a3b, Strain ABTS-351	18	1st March 2017	

(UE) 2016-1929

Formaldehyde released from N,N-Methylenebismorpholine (MBM)	6, 13	1st April 2017	(UE) 2015-1981

Hexaflumuron	18	1st April 2017	(UE) 2015-1982
Biphenyl-2-ol	1, 2, 4, 6, 13	1st July 2017	(UE) 2016-105
PHMB (1600; 1.8)	4	1st July 2017	(UE) 2016-124
PHMB (1600; 1.8)	2, 3, 11	1st July 2017	(UE) 2016-125
Epsilon -momfluorothrin	18	1st July 2017	

(EU) 2016-2289

L(+) Lactic acid	1	1st July 2017	(EU) 2016-2291
C(M)IT/MIT (3:1)	2, 4, 6, 11, 12, 13	1st July 2017	(UE) 2016-131
Peracetic acid	1, 2, 3, 4, 5, 6	1st October 2017	(UE) 2016-672
Cyromazine	18	1st January 2018	(EU) 2016-1068
Amines, N-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	2, 3, 4	1st January 2018	(EU) 2016-1083
Biphenyl-2-ol	3	1st January 2018	(EU) 2016-1084
Bacillus amyloliquefaciens strain ISB06	3	1st January 2018	

(EU) 2016-1085

2-bromo-2-(bromomethyl)pentanedinitrile (DBDCB)	6	1st January 2018	(EU) 2016-1086
Tolylfluanid	7	1st January 2018	(EU) 2016-1087
Copper flakes (coated with aliphatic acid)	21	1st January 2018	(EU) 2016-1088
Dicopper oxide	21	1st January 2018	(EU) 2016-1089
Copper thiocyanate	21	1st January 2018	(EU) 2016-1090
Didecylmethylpoly(oxyethyl)ammonium propionate	9	1st January 2018	(EU) 2016-1093
2-octylisothiazol-3(2H)-one	8	1st January 2018	(UE) 2017-1277
Cyfluthrin	18	1st March 2018	(EU) 2016-1937
Citric acid	2	1st March 2018	(EU) 2016-1938

Fludioxonil	7, 9, 10	1st April 2018	(EU) 2017-2003
Chlorocresol	1, 2, 3, 6, 9	1st May 2018	(EU) 2016-1930
Chlorocresol	13	1st May 2018	(EU) 2016-1931
Calcium magnesium oxide (burnt dolomitic lime)	2, 3	1st May 2018	(EU) 2016-1932
Calcium magnesium tetrahydroxide (hydrated dolomitic lime)	2, 3	1st May 2018	(EU) 2016-1933
ATMAC/TMAC (coco alkyltrimethylammonium chloride)	8	1st May 2018	(EU) 2016-1934
Calcium dihydroxide (hydrated lime)	2, 3	1st May 2018	(EU) 2016-1935
Calcium oxide (burnt lime)	2, 3	1st May 2018	(EU) 2016-1936
Piperonyl butoxide	18	1st July 2018	(EU) 2016-2288
Peractic acid	11, 12	1st July 2018	(EU) 2016-2290
2 -méthyl-1,2-benzisothiazol-3(2H)-one (MBIT)	6	1st July 2018	(EU) 2017-2327
Silicon dioxide / Kieselguhr	18	1st November 2018	(EU) 2017-794
Pyrogenic, synthetic amorphous, nano, surface treated silicon dioxide	18	1st November 2018	(EU) 2017-795
Dichlofluanid	21	1st November 2018	(EU) 2017-796
Azoxystrobin	7, 9, 10		

1st November 2018 (EU) 2018-614

Active chlorine released from sodium hypochlorite	(hereinafter referred to as « chlorine			»)

1st January 2019 (EU) 2017-1273

Active chlorine released from calcium hypochlorite	(hereinafter referred to as « chlorine			»)

1st January 2019 (EU) 2017-1274

Active chlorine released from calcium hypochlorite	(hereinafter referred to as « chlorine		2, 5

1st January 2019 (EU) 2017-1275

Perace-tic acid produced from	tetraaceylethylenediamine and sodium	percarbonate	

2, 3, 4

1st January 2019 (EU) 2017-1276

2-methylisothiazol-3(2H)-one	11	1st January 2019	(EU) 2017-1278
Penflufen	8	1st February 2019	(EU) 2018-1131
2-methylisothiazol-3(2H)-one	12	1st April 2019	(EU) 2017-2004

Margosa extract, cold-pressed oil of *Azadirachta indica* seeds without shells extracted with super-critical carb			
19	1st April 2019	(EU) 2017-2005	
Propan-ol-1	1, 2, 4		
1st May 2019	(EU) 2017-2001		
(L+)- lactic acid			
2, 3, 4			
1st May 2019	(EU) 2017-2002		
Imiprothrin	18	1st July 2019	(EU) 2017-2326
Cholecalciferol	14	1st July 2019	(EU) 2019-637
PHMB (1415; 4.7)	2, 4		
1st November 2019	(EU) 2018-613		
Acetamiprid	18	1st February 2020	(EU) 2018-1129
Cyphenothrin	18	1st February 2020	(EU) 2018-1292
Cyperméthrin	18	1st June 2020	(EU) 2018-1130
Active chlorine generated from sodium chloride by electrolysis	1	1st July 2021	(EU) 2021-364
Active chlorine released from hypochlorous acid	1	1st July 2021	(EU) 2021-365
Formaldehyde	2, 3	1st February 2022	(EU) 2020-1763
Carbendazim	7,10	1st February 2022	(EU) 2021-348
Icaridin	19	1st February 2022	(EU) 2020-1086
Reaction mass of peracetic acid (PAA) and peroxyactanoic acid (POOA)	2, 3, 4	1st April 2022	(EU) 2020-1771
Active chlorine generated from sodium chloride by electrolysis	2, 3, 4, 5	1st July 2022	(EU) 2021-345
Active chlorine released from hypochlorous acid	2, 3, 4, 5	1st July 2022	(EU) 2021-347
Didecyldimethylammonium chloride	3, 4	1st November 2022	(EU) 2021-1045
Alkyl (C12-16) dimethylbenzyl ammonium chloride	3, 4	1st November 2022	(EU) 2021-1063
(13Z)-hexadec-13-en-11-yn-1-yl acetate	19	1st June 2023	(EU) 2023-1079
sulfur dioxide released from sodium metabisulfite	9	1st August 2023	(EU) 2023-1421
L(+) Lactic acid	6	1st November 2023	(EU) 2022-2048

1	Didecyldimethylammonium chloride	1, 2	1st February 2024	(EU) 2022-199	
2	Chrysanthemum cinerariaefolium extract from open anthers of Tanacetum cinerariifolium	19	1st February 2024	(EU) 2022-199	
3	Chrysanthemum cinerariaefolium extract from open anthers of Tanacetum cinerariifolium	19	1st February 2024	(EU) 2022-199	
	Alkyl (C12-16) dimethylbenzyl ammonium chloride	1	1st July 2024	(EU) 2023-680	
	Ozone generated from oxygen	2, 4, 5, 11	1st July 2024	(EU) 2023-1078	
	Chrysanthemum cinerariaefolium extract from open anthers of Tanacetum cinerariifolium	18	1st February 2025	(EU) 2023-1429	

Substances actives