

# List of notifications

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## Explanatory Note

Part I of the table lists the substance/product-type combinations notified for inclusion in the review programme for which ECHA has issued a declaration of compliance in accordance with Article 17(5) of the Review Programme Regulation (EU) No 1062/2014, together with the name of the notifying company ("participant" in accordance with Article 2(c) of the Review Programme Regulation).

The list includes notifications made for redefined active substances, substance/product-type combinations in part 2 of Annex II to the Review Programme Regulation, substances where previous participants made a timely withdrawal, substances that previously benefitted from the food & feed derogation, substances where the product-type was modified under the BPR compared to the BPD. The list will be updated regularly.

Companies interested by the same active substance/product-type combination(s) are encouraged to collaborate to submit the application for approval of the active substance where appropriate, in particular to minimise testing on animals. An application for "active substance evaluation under Regulation (EU) No 1062/2014 (Participant)" (AS-EVA) must be submitted by the participants within 2 years of the relevant notification compliance decision (in accordance with Article 3(2) of the Review Programme Regulation).

The active substance/product-type combinations will be added to the Article 95 list of relevant substances and suppliers when the complete substance dossier is submitted and validated by the evaluating Competent Authority. Once the active substance/product-type combination is added to the Article 95 list, it will be removed from this list of successful notifications.

Part II lists the active substance/product-type combinations for which ECHA has not received a notification or for which ECHA has issued a declaration of non-compliance in accordance with Article 17(5) of the Review Programme Regulation (EU) No 1062/2014 and no compliant notification has been received from another notifier for this active substance/product-type combination, or for which no active substance application following a successful notification has been received by the deadline. These active substance/product-type combinations will either be removed from the review programme (section Ia and b) or will not be included into the review programme (section II).

For substances that will be removed from the review programme (Part II, section Ia and Ib), the Commission is to take a non-approval decision according to Article 20 of the Review Programme Regulation. The maximum phase-out periods, after the date of the decision not to approve and subject to national laws, are 12 months for the making available on the market of the products and 18 months for using those products, in accordance with Art 89(2) of the BPR.

Biocidal products consisting of, containing or generating the active substances listed in Part II section II must be phased-out. The maximum phase-out periods, after the publication date per substance in this list and subject to national laws, are 12 months for making available on the market of the products and 18 months for the use of existing stocks.

## Part I: List of compliant notifications

Active substance <sup>1</sup>	EC number	CAS number	Product-Type(s)	Participant	Deadline for Active Substance application
Silver chloride	232-033-3	7783-90-6	9	CHT R. Beitlich GmbH	20/11/2017
			9	BBI Technologies Europe Limited	15/01/2018
			1, 2, 9	Nolla Antimicrobial Oy	22/01/2018
Silver, nano form	231-131-3	7440-22-4	2, 4, 9	HeiQ Materials AG	18/12/2017
Active chlorine generated from sodium chloride and pentapotassium bis(peroxymonosulfate)bis(sulfate)(KPMS)	n/a	n/a	2, 3, 4, 5	Antec International Ltd	16/04/2018
Hydrogen peroxide released from sodium percarbonate	n/a	n/a	2, 3	Soell GmbH	26/09/2018
Peracetic acid generated from 1,3-diacetyloxypropan-2-yl acetate and hydrogen peroxide	n/a	n/a	2	Christeyns NV	30/07/2018
			2	hollu Systemhygiene GmbH	17/08/2018

<sup>1</sup> Active substances generated in situ, i.e. generated at the place of use from one or more precursors, are not covered by an entry unless the applied precursors are indicated following the expression “generated from”.

Active substance <sup>1</sup>	EC number	CAS number	Product-Type(s)	Participant	Deadline for Active Substance application
Peracetic acid generated from tetraacetylenediamine and hydrogen peroxide	n/a	n/a	2	BurnusHychem GmbH	06/08/2018
Active chlorine generated from sodium chloride by electrolysis	n/a	n/a	12	Aqualution Systems Ltd	06/08/2018
			11	Danish Clean Water	16/08/2018
Active chlorine generated from magnesium chloride hexahydrate and potassium chloride by electrolysis	n/a	n/a	2	Zodiac Pool Care Europe	09/08/2018
Chlorine dioxide generated from sodium chlorite and sodium bisulfate and hydrochloric acid	n/a	n/a	4, 5	Schippers Europe B.V.	17/08/2018
Chlorine dioxide	233-162-8	10049-04-4	11, 12	ASiRAL Industriereiniger GmbH	27/08/2018
Active bromine generated from hypobromous acid and urea and bromourea	n/a	n/a	11, 12	ICL Europe Coöperatief U.A	06/09/2018
Active bromine generated from sodium hypobromite and N-bromosulfamate and sulfamic acid	n/a	n/a	11	ICL Europe Coöperatief U.A	06/09/2018
Active chlorine generated from sodium N-chlorosulfamate	n/a	n/a	4, 11, 12	Kurita Europe GmbH	06/09/2018
Chlorine dioxide generated from sodium chlorite and sodium bisulfate	n/a	n/a	2, 3, 4, 5, 11, 12	International Water Solutions	06/09/2018

Active substance <sup>1</sup>	EC number	CAS number	Product-Type(s)	Participant	Deadline for Active Substance application
Peracetic acid generated from 1,3-diacetyloxypropan-2-yl acetate and hydrogen peroxide	n/a	n/a	2	Hagleitner Hygiene International GmbH	01/10/2018
Formic acid	200-579-1	64-18-6	11, 12	Ecolab Deutschland GmbH	25/01/2019
Performic acid generated from formic acid and hydrogen peroxide	n/a	n/a	3, 5, 6	Ecolab Deutschland GmbH	15/02/2019
Active chlorine generated from hydrochloric acid by electrolysis	n/a	n/a	2, 4, 5	Evoqua Water Technologies GmbH	10/03/2019
Chlorine dioxide generated from sodium chlorite and sodium persulfate	n/a	n/a	2, 3, 4, 5, 11, 12	Brenntag Holding GmbH	26/07/2019
Capsicum oleoresin <i>Extractives and their physically modified derivatives. It is a product which may contain resin acids and their esters, terpenes, and oxidation or polymerization products of these terpenes. (Capsicum frutescens, Solanaceae).</i>	n/a	8023-77-6	19	F.W. KLEVER GmbH	04/09/2019
Capsicum annuum, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Capsicum annuum, Solanaceae.</i>	283-403-6	84625-29-6	19	BELGAGRI SA	04/09/2019

Active substance <sup>1</sup>	EC number	CAS number	Product-Type(s)	Participant	Deadline for Active Substance application
Reaction mass of (6E)-N-(4-hydroxy-3-methoxy-2-methylphenyl)-8-methylnon-6-enamide and N-(4-hydroxy-3-methoxy-2-methylphenyl)-8-methylnonanamide	n/a	n/a	19	IDC System AG	04/09/2019
D-Fructose	200-333-3	57-48-7	19	Kwizda France	04/09/2019
Honey	n/a	8028-66-8	19	Kwizda France	04/09/2019
Malt, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Hordeum, Gramineae.</i>	232-310-9	8002-48-0	19	Kwizda France	04/09/2019
Vinegar	n/a	8028-52-2	19	Kwizda France	04/09/2019
Cheese	n/a	n/a	19	Kwizda France	04/09/2019
Powdered egg	n/a	n/a	19	Denka REGISTRATIONS bv	04/09/2019
Saccharomyces cerevisiae	n/a	68876-77-7	19	Denka REGISTRATIONS bv	04/09/2019
Concentrated apple juice	n/a	n/a	19	Denka REGISTRATIONS bv	04/09/2019

Active substance <sup>1</sup>	EC number	CAS number	Product-Type(s)	Participant	Deadline for Active Substance application
Orange, sweet, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Citrus sinensis, Rutaceae.</i>	232-433-8	8028-48-6	19	Oro Agri International Ltd.	04/09/2019
Garlic, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Allium sativum, Liliaceae.</i>	232-371-1	8008-99-9	19	Ecospray Limited	18/09/2019
Cymbopogon winterianus oil, fractionated, hydrated, cyclized	n/a	n/a	19	CHEMIAN TECHNOLOGY LIMITED	01/12/2019
Eucalyptus citriodora oil and citronellal, hydrated, cyclized	n/a	n/a	19	Citrefine International Limited	10/01/2020
1-[2-(Allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole (Imazalil)	252-615-0	35554-44-0	3	Elanco Animal Health Inc.	11/01/2020
2-Hydroxy- $\alpha,\alpha,4$ -trimethylcyclohexanemethanol	255-953-7	42822-86-6	19	Citrefine International Limited	26/01/2020

Active substance <sup>1</sup>	EC number	CAS number	Product-Type(s)	Participant	Deadline for Active Substance application
Copper, powder	231-159-6	7440-50-8	21	Eckart GmbH	05/07/2020



**Part II: List of active substance/product-type combinations for which no notifications were submitted or submitted notifications were not found compliant, or for which no active substance application was submitted by the deadline required following a successful notification**

Section Ia: substances no longer supported under the review programme following ECHA's open invitation to take over the role of participant because no notifications were submitted or submitted notifications were not found compliant<sup>2</sup>

Active substance	EC number	CAS number	Product-Type(s)
Active chlorine generated from sodium dichloroisocyanurate and pentapotassium bis(peroxymonosulfate) bis(sulfate)(KPMS)	n/a	n/a	3
Carbon dioxide	204-696-9	124-38-9	19
Chlorine dioxide generated from tetrachlorodecaoxide complex (TCDO) by acidification	n/a	n/a	1
Monochloramine generated from ammonium chloride and sodium hypochlorite	n/a	n/a	11, 12
Tetrachlorodecaoxide complex (TCDO)	420-590-7	92047-76-2	2, 4
Silver sodium hydrogen zirconium phosphate	422-570-3	265647-11-8	1
Polyhexamethylene biguanide hydrochloride with a mean number-average molecular weight (Mn) of 1415 and a mean polydispersity (PDI) of 4.7 (PHMB(1415;4.7))	n/a	1802181-67-4/32289-58-0	3, 9, 11

<sup>2</sup> The Commission is to take a non-approval decision for these substances, as per Article 20 of the Review Programme Regulation. The maximum phase-out periods, after the date of the decision not to approve and subject to national laws, are 12 months for the making available on the market of the products and 18 months for using those products, in accordance with Art 89(2) of the BPR.

Active substance	EC number	CAS number	Product-Type(s)
Chrysanthemum cinerariaefolium extract	289-699-3	89997-63-7	18
Pyrethrins and Pyrethroids	232-319-8	8003-34-7	18, 19
Silver zeolite	-	-	5

Section Ib: substances no longer supported under the review programme because no active substance application was submitted by the deadline indicated in the last column

Active substance	EC number	CAS number	Product Type(s)	Deadline for active substance application
Active chlorine generated from magnesium chloride hexahydrate by electrolysis	n/a	n/a	2	09/08/2018
Active chlorine generated from potassium chloride by electrolysis	n/a	n/a	2, 4	16/08/2018
Active bromine generated from ozone and bromide of natural water and sodium bromide	n/a	n/a	2	20/08/2018
Hydrogen peroxide released from sodium percarbonate	n/a	n/a	5	06/09/2018
Chlorine dioxide generated from sodium chloride by electrolysis	n/a	n/a	2, 3, 4, 5, 11, 12	30/08/2018
Chlorine dioxide	233-162-8	10049-04-4	2, 3, 4, 5	27/08/2018
Peracetic acid generated from tetraacetylenediamine (TAED) and sodium perborate monohydrate	n/a	n/a	3	24/09/2018
Peracetic acid generated by perhydrolysis of N-acetylcaprolactam by hydrogen peroxide in alkaline conditions	n/a	n/a	2	26/09/2018
Active chlorine generated from sodium chloride and pentapotassium bis(peroxymonosulfate)bis(sulfate) (KPMS) and sulfamic acid	n/a	n/a	2, 3	01/10/2018
Peracetic acid generated from 1,3- diacetyloxypropan-2-yl acetate and hydrogen peroxide	n/a	n/a	4	01/10/2018

Section II: food and feed substances to be phased-out in biocidal products according to the timelines indicated in Article 21 of the Review Programme Regulation

Active substance	EC number	CAS number	Product Type(s)	Publication date <sup>3</sup>
alpha-Lactose monohydrate	238-691-8	5989-81-1	19	09/11/2017
Brandy	n/a	n/a	19	09/11/2017
Fulvic acid	n/a	308066-67-3	19	09/11/2017
Lemon oil	n/a	8008-56-8	19	09/11/2017
Mentha arvensis, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Mentha arvensis, Labiatae</i>	290-058-5	90063-97-1	19	09/11/2017
Peanut butter	n/a	n/a	19	09/11/2017
Pepper (Piper), P. nigrum, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Piper nigrum, Piperaceae</i>	284-524-7	84929-41-9	19	09/11/2017

<sup>3</sup> Biocidal products consisting of, containing or generating the active substances listed in Part II Section II must be phased-out. The maximum phase-out periods, after the publication date indicated in the last column of this table and subject to national laws, are 12 months for the making available on the market of the product and 18 months for the use of existing stocks, as per Article 21(3) of the Review Programme Regulation.

Active substance	EC number	CAS number	Product Type(s)	Publication date <sup>3</sup>
Saccharomyces cerevisiae, ext. <i>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Saccharomyces cerevisiae, Saccharomycelaceae.</i>	283-294-5	84604-16-0	19	09/11/2017
Skimmed milk powder	n/a	n/a	19	09/11/2017