

Coronavirus (COVID-19) – manufacture and supply of surface disinfectants – Product type 2 active substances

This document lists the known biocidal active substances that are relevant for **product type 2** surface disinfectants in the UK. The active substances are grouped by the specific requirements that apply to them, eg whether the products that contain them need to be authorised or not. For each group, there are details of the action you need to take **before** you supply your surface disinfectant in the UK.

The regulatory status of the active substances in this document may be subject to change, meaning that the requirements that apply to your surface disinfectant product may change. You should check this document regularly to ensure your product remains compliant.

No authorisation or derogation needed

If the active substances in your product type 2 surface disinfectant:

- **all** appear in the below table; or
- some appear in the below table **and** some appear in the table in the section 'Authorisation needed from HSE'

you **do not need** a product authorisation or any specific derogation from the Health and Safety Executive (HSE) to supply your product type 2 surface disinfectant in the UK.

You must ensure that you comply with all of the requirements detailed in the Coronavirus (Covid-19) – manufacture and supply of surface disinfectants document (www.hse.gov.uk/coronavirus/assets/docs/surface-disinfectant-manufacture-supply-coronavirus.pdf) **and** any extra requirements given in the relevant table for that active substance.

If **any** of the active substances in your product type 2 surface disinfectant:

- appear in the table in the section 'No supply or use permitted'; or
- are not listed in this document

your product type 2 surface disinfectant **cannot be supplied or used in the UK.**

If the use of your product falls into product type 3 and/or 4, as well as product type 2, you can only supply your surface disinfectant for all of those uses in the UK if you comply with the requirements for **all of the relevant product types**. Check:

- Product type 3 for use on surfaces such as pet beds, cages etc and some uses directly on animal skin:
www.hse.gov.uk/coronavirus/assets/docs/product-type-3-active-substances.pdf
- Product type 4 for use on surfaces in food and feed areas, such as kitchen worktops:
www.hse.gov.uk/coronavirus/assets/docs/product-type-4-active-substances.pdf

Name	CAS Number	EC Number	Extra requirements
1,2-benzisothiazol-3(2H)-one (BIT)	2634-33-5	220-120-9	
2,2-dibromo-2-cyanoacetamide (DBNPA)	10222-01-2	233-539-7	
2-Phenoxyethanol	122-99-6	204-589-7	
6-(phthalimido)peroxyhexanoic acid (PAP)	128275-31-0	410-850-8	
Active bromine generated from sodium bromide and calcium hypochlorite (Redefined from Sodium bromide)	7726-95-6		Can be generated for bottling and supply.
Active bromine generated from sodium bromide and chlorine (Redefined from Sodium bromide)	7726-95-6		Can be generated for bottling and supply.
Active bromine generated from sodium bromide and sodium hypochlorite (Redefined from Sodium bromide)			Can be generated for bottling and supply.

Name	CAS Number	EC Number	Extra requirements
Active bromine generated from sodium bromide by electrolysis (Redefined from Sodium bromide)	7726-95-6		Can be generated for bottling and supply.
Active chlorine generated from chloride of ambient water by electrolysis	7782-50-5		Generation at point of use only. Cannot be generated for bottling and supply.
Active chlorine generated from magnesium chloride hexahydrate and potassium chloride by electrolysis	7782-50-5		Can be generated for bottling and supply.
Active chlorine generated from sodium chloride and pentapotassium bis(peroxymonosulphate) bis(sulphate)	7782-50-5		Can be generated for bottling and supply.
Active chlorine generated from sodium chloride by electrolysis (Redefined from Active Chlorine: manufactured by the reaction of hypochlorous acid and sodium hypochlorite produced in situ)	7782-50-5		Generation at point of use only. Bottling and supply is covered by 'Active chlorine released from hypochlorous acid'.
Active chlorine released from hypochlorous acid (Redefined from Active Chlorine: manufactured by the reaction of hypochlorous acid and sodium hypochlorite produced in situ)	7782-50-5		Covers bottling and supply of 'Active chlorine generated from sodium chloride by electrolysis'.

Name	CAS Number	EC Number	Extra requirements
Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))	68424-85-1	270-325-2	
Alkyl (C12-18) dimethylbenzyl ammonium chloride (ADBAC (C12-18))	68391-01-5	269-919-4	
Alkyl (C12-C14) dimethyl(ethylbenzyl)ammonium chloride (ADEBAC (C12-C14))	85409-23-0	287-090-7	
Alkyl (C12-C14) dimethylbenzylammonium chloride (ADBAC (C12-C14))	85409-22-9	287-089-1	
Bromochloro-5,5-dimethylimidazolidine-2,4-dione (BCDMH/Bromochlorodimethylhydantoin)	32718-18-6	251-171-5	
Bronopol	52-51-7	200-143-0	
chlorine dioxide (Redefined from chlorine dioxide generated from sodium chlorite and sodium persulfate)	10049-04-4	233-162-8	

Name	CAS Number	EC Number	Extra requirements
Chlorine dioxide generated from sodium chlorate and hydrogen peroxide in the presence of a strong acid (Redefined from Chlorine dioxide)			Can be generated for bottling and supply.
Chlorine dioxide generated from sodium chlorite by acidification (Redefined from Chlorine dioxide)	10049-04-4		Can be generated for bottling and supply.
Chlorine dioxide generated from sodium chlorite by electrolysis (Redefined from Chlorine dioxide)			Can be generated for bottling and supply.
Chlorine dioxide generated from sodium chlorite by oxidation (Redefined from Chlorine dioxide)	10049-04-4		Can be generated for bottling and supply.
Chlorine dioxide generated from Tetrachlorodecaoxide complex (TCDO) by acidification (Redefined from Tetrachlorodecaoxide complex (TCDO))			Can be generated for bottling and supply.
Cinnamaldehyde / 3-phenyl-propen-2-al (Cinnamic aldehyde)	104-55-2	203-213-9	

Name	CAS Number	EC Number	Extra requirements
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine(2:1) (CHDG) (Chlorhexidine gluconate)	18472-51-0	242-354-0	
Didecyldimethylammonium chloride (DDAC (C8-10))	68424-95-3	270-331-5	
Didecyldimethylammonium chloride (DDAC)	7173-51-5	230-525-2	
Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride	27668-52-6	248-595-8	
Ethanol	64-17-5	200-578-6	
Ethylene oxide	75-21-8	200-849-9	

Name	CAS Number	EC Number	Extra requirements
Formaldehyde	50-00-0	200-001-8	To stay on the market, you must apply for Biocidal Products Regulation (BPR) product authorisation by 01 February 2022. You can find out more about how to apply for BPR product authorisation on our product authorisation pages (www.hse.gov.uk/biocides/product-authorisation-overview.htm).
Formic acid	64-18-6	200-579-1	
Free radicals generated in situ from ambient air or water			Generation at point of use only. Cannot be generated for bottling and supply. Covers various methods of generation of various free radicals.
Glycollic acid (Glycolic acid)	79-14-1	201-180-5	
Glyoxal	107-22-2	203-474-9	

Name	CAS Number	EC Number	Extra requirements
hydrogen peroxide released from sodium percarbonate			
Magnesium monoperoxyphthalate hexahydrate (MMPP)	84665-66-7	279-013-0	
Monolinuron	1746-81-2	217-129-5	
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine)	2372-82-9	219-145-8	
Ozone generated from oxygen	10028-15-6		Generation at point of use only. Cannot be generated for bottling and supply.
Pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	274-778-7	
Peracetic acid generated from 1,3-diacetyloxypropan-2-yl acetate and hydrogen peroxide	79-21-0		Can be generated for bottling and supply.

Name	CAS Number	EC Number	Extra requirements
Peracetic acid generated from tetraacetylenediamine (TAED) and hydrogen peroxide	79-21-0		Can be generated for bottling and supply.
Performic acid generated from formic acid and hydrogen peroxide (Redefined from Formic acid)			Can be generated for bottling and supply.
Poly(oxy-1,2-ethanediyl), α -[2-(didecylmethylammonio)ethyl]- ω -hydroxy-, propanoate (salt) (Bardap 26)	94667-33-1		
Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl) oxirane (EINECS 203-439-8)/Polymeric quaternary ammonium chloride (PQ Polymer)	25988-97-0	-	
Pyridine-2-thiol 1-oxide, sodium salt (Sodium pyrrithione)	3811-73-2	223-296-5	
Pyrrithione zinc (Zinc pyrrithione)	13463-41-7	236-671-3	
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, salts with 1,2-benzisothiazol-3(2H)-one 1,1-dioxide (1:1) (ADBAS)	68989-01-5	273-545-7	

Name	CAS Number	EC Number	Extra requirements
Reaction mass of peracetic acid and peroxyoctanoic acid	79-21-0 and 33734-57-5	201-186-8 and 450-280-7	To stay on the market, you must apply for BPR product authorisation by 01 April 2022. You can find out more about how to apply for BPR product authorisation on our product authorisation pages (www.hse.gov.uk/biocides/product-authorisation-overview.htm).
Reaction mass of titanium dioxide and silver chloride			
Reaction products of aluminium trihydroxide and hydrochloric acid and aluminium and water			
Reaction products of paraformaldehyde and 2- hydroxypropylamine (ratio 3:2) / 3,3'-methylenebis[5-methyloxazolidine] (Oxazolidin/MBO)	66204-44-2	266-235-8	
Reaction products of para-formaldehyde and 2-hydroxy-propylamine (ratio 1:1) / α,α',α'' -trimethyl-1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol (HPT)	25254-50-6	246-764-0	

Name	CAS Number	EC Number	Extra requirements
Reaction products of: glutamic acid and N-(C12-C14-alkyl)propylenediamine (Glucoprotamin)	164907-72-6	403-950-8	
Salicylic acid	69-72-7	200-712-3	
Silver	7440-22-4	231-131-3	
Silver borophosphate glass			
Silver chloride (Redefined from Reaction mass of titanium dioxide and silver chloride)	7783-90-6	232-033-3	
Silver phosphate glass	308069-39-8		
Silver phosphoborate glass			

Name	CAS Number	EC Number	Extra requirements
Silver zinc zeolite	130328-20-0 (*the CAS number given is broader than the specific chemical referred to in this entry)	603-404-0	
Sodium dichloroisocyanurate dihydrate	51580-86-0	220-767-7	
Symclosene	87-90-1	201-782-8	
Tosylchloramide sodium (Tosylchloramide sodium - Chloramin T)	127-65-1	204-854-7	
Troclosene sodium	2893-78-9	220-767-7	

Authorisation needed from HSE

If **all** of the active substances in your product type 2 surface disinfectant appear in the below table, you will need to obtain BPR product authorisation **before** you can supply your product type 2 surface disinfectant in the UK. You can find out more about how to apply for BPR product authorisation on our product authorisation pages (www.hse.gov.uk/biocides/product-authorisation-overview.htm).

You must not supply the surface disinfectant in the UK until HSE has given you an authorisation.

You must also ensure that you comply with all of the requirements detailed in the Coronavirus (Covid-19) – manufacture and supply of surface disinfectants document (www.hse.gov.uk/coronavirus/assets/docs/surface-disinfectant-manufacture-supply-coronavirus.pdf).

If some of the active substances in your product type 2 surface disinfectant:

- appear in the below table; **and**
- some appear in the table in the section ‘No authorisation or derogation needed’

you **do not need** a product authorisation or any specific derogation from HSE to supply your product type 2 surface disinfectant in the UK.

You must ensure that you comply with all of the requirements detailed in the Coronavirus (Covid-19) – manufacture and supply of surface disinfectants document (www.hse.gov.uk/coronavirus/assets/docs/surface-disinfectant-manufacture-supply-coronavirus.pdf) **and** any extra requirements given in the relevant table for that active substance.

If **any** of the active substances in your product type 2 surface disinfectant:

- appear in the table in the section ‘No supply or use permitted’; or
- are not listed in this document

your product type 2 surface disinfectant **cannot be supplied or used in the UK.**

If the use of your product falls into product type 3 and/or 4, as well as product type 2, you can only supply your surface disinfectant for all of those uses in the UK if you comply with the requirements for **all of the relevant product types**. Check:

- Product type 3 for use on surfaces such as pet beds, cages etc and some uses directly on animal skin:
www.hse.gov.uk/coronavirus/assets/docs/product-type-3-active-substances.pdf
- Product type 4 for use on surfaces in food and feed areas, such as kitchen worktops:
www.hse.gov.uk/coronavirus/assets/docs/product-type-4-active-substances.pdf

Name	CAS Number	EC Number
(+)-Tartaric acid	87-69-4	201-766-0
(9Z,12E)-tetradeca-9, 12-dien-1-yl acetate	30507-70-1	
5-chloro-2-(4-chlorphenoxy)phenol (DCPP)	3380-30-1	429-290-0
Acetic acid	64-19-7	200-580-7
Active chlorine released from calcium hypochlorite	7778-54-3	231-908-7
Active chlorine released from chlorine	7782-50-5	231-959-5
Active chlorine released from sodium hypochlorite	7681-52-9	231-668-3

Name	CAS Number	EC Number
Amines, N-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid (Ampholyt 20)	139734-65-9	
Ascorbic acid	50-81-7	200-066-2
Baculovirus		
Bentonite	1302-78-9	215-108-5
Biphenyl-2-ol	90-43-7	201-993-5
Calcium dihydroxide / calcium hydroxide / caustic lime / hydrated lime / slaked lime	1305-62-0	215-137-3
Calcium magnesium oxide / dolomitic lime	37247-91-9	253-425-0
Calcium magnesium tetrahydroxide / calcium magnesium hydroxide / hydrated dolomitic lime	39445-23-3	254-454-1
Calcium oxide / lime / burnt lime / quicklime	1305-78-8	215-138-9

Name	CAS Number	EC Number
Carbon dioxide	124-38-9	204-696-9
Chlorocresol	59-50-7	200-431-6
Citric acid	77-92-9	201-069-1
Citronellal	106-23-0	203-376-6
Copper sulphate pentahydrate	7758-99-8	231-847-6
Glutaral (Glutaraldehyde)	111-30-8	203-856-5
Hydrochloric acid		231-595-7
Hydrogen peroxide	7722-84-1	231-765-0
Iron sulphate	7720-78-7 7782-63-0 13463-43-9	231-753-5

Name	CAS Number	EC Number
L-(+)-lactic acid	79-33-4	201-196-2
Lactic acid	50-21-5	200-018-0
Lavender oil	8000-28-0	616-770-1
Linseed oil	8001-26-1	232-278-6
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 of CMIT/MIT)	55965-84-9	
Nitrogen	7727-37-9	231-783-9
Nonanoic acid (Pelargonic acid)	112-05-0	203-931-2
Oct-1-en-3-ol	3391-86-4	222-226-0
Peppermint oil	8006-90-4	616-900-7

Name	CAS Number	EC Number
Peracetic acid	79-21-0	201-186-8
Peracetic acid generated from tetra-acetythylenediamine (TAED) and sodium percarbonate (Redefined from Peracetic acid)	79-21-0	
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))	1802181-67-4 / 32289-58-0	
polyhexamethylene biguanide hydrochloride with a mean number-average molecular weight (Mn) of 1600 and a mean polydispersity (PDI) of 1.8 (PHMB (1600;1.8))	27083-27-8 / 32289-58-0	
Propan-1-ol	71-23-8	200-746-9
Propan-2-ol	67-63-0	200-661-7
Propionic acid	79-09-4	201-176-3
Sodium acetate	127-09-3	204-823-8
Sodium benzoate	532-32-1	208-534-8

Coronavirus (COVID-19)

Authorisation needed from HSE

Product type 2 active substances

Name	CAS Number	EC Number
Webbing clothes moths pheromone (Mixture)		

No supply or use permitted

If **any** of the active substances in your product type 2 surface disinfectant:

- appear in the below; or
- are not listed in this document

your product type 2 surface disinfectant **cannot be supplied or used in the UK.**

If the use of your product falls into product type 3 and/or 4, as well as product type 2, this means your surface disinfectant **cannot be supplied or used in the UK for all of those uses.**

Name	CAS Number	EC Number
(±)-1-(β-allyloxy-2,4-dichlorophenylethyl)imidazole (Technical grade imazalil)	73790-28-0	
(benzothiazol-2-ylthio)methyl thiocyanate (TCMTB)	21564-17-0	244-445-0
(benzyloxy)methanol	14548-60-8	238-588-8
1,3-bis(hydroxymethyl)urea	140-95-4	205-444-0
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (DMDMH)	6440-58-0	229-222-8

Coronavirus (COVID-19)

No supply or use permitted

Product type 2 active substances

Name	CAS Number	EC Number
1,3-dibromo-5,5-dimethylhydantoin	77-48-5	201-030-9
1,3-dichloro-5,5-dimethylhydantoin	118-52-5	204-258-7
1,3-dichloro-5-ethyl-5-methylimidazolidine-2,4-dione	89415-87-2	401-570-7
1,3-didecyl-2-methyl-1H-imidazolium chloride	70862-65-6	274-948-0
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)	60207-90-1	262-104-4
1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole (Imazalil)	35554-44-0	252-615-0
2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol (HHT)	4719-04-4	225-208-0
2,4-dichlorobenzyl alcohol	1777-82-8	217-210-5
2,6-dimethyl-1,3-dioxan-4-yl acetate	828-00-2	212-579-9

Name	CAS Number	EC Number
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	2491-38-5	219-655-0
2-Butanone, peroxide	1338-23-4	215-661-2
2-methyl-2H-isothiazol-3-one (MIT)	2682-20-4	220-239-6
2-Propenoic acid, 2-methyl-, butyl ester, polymer with butyl 2-propenoate and methyl 2-methyl-2-propenoate (CAS nr: 25322-99-0)/ Polymeric quaternary ammonium bromide (PQ Polymer)		
2-thiazol-4-yl-1H-benzimidazole (Thiabendazole)	148-79-8	205-725-8
3-phenoxybenzyl (1R)-cis,trans-2,2- dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (d-Phenothrin)	188023-86-1	
3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (Permethrin)	52645-53-1	258-067-9
3-phenoxybenzyl-2-(4-ethoxyphenyl)-2-methylpropylether (Etofenprox)	80844-07-1	407-980-2

Coronavirus (COVID-19)

No supply or use permitted

Product type 2 active substances

Name	CAS Number	EC Number
4,5-dichloro-3H-1,2-dthiol-3-one	1192-52-5	214-754-5
Active bromine generated from ozone and bromide of natural water and sodium bromide	7726-95-6	
Active bromine generated from sodium bromide and hydrogen peroxide		
Active bromine generated from sodium bromide and hypochlorous acid		
Active bromine generated from sodium bromide and ozone		
Active bromine generated from sodium bromide and pentapotassium bis(peroxymonosulfate) bis(sulfate)		
Active chlorine generated from hydrochloric acid by electrolysis	7782-50-5	
Active chlorine generated from magnesium chloride hexahydrate by electrolysis	7782-50-5	
Active chlorine generated from potassium chloride by electrolysis	7782-50-5	

Coronavirus (COVID-19)

No supply or use permitted

Product type 2 active substances

Name	CAS Number	EC Number
Active chlorine generated from sodium chloride and pentapotassium bis(peroxymonosulphate) bis(sulphate) and sulphamic acid	7782-50-5	
Active chlorine generated from sodium dichloroisocyanurate and pentapotassium bis(peroxymonosulphate) bis(sulphate)	7782-50-5	
Active chlorine generated from sodium dichloroisocyanurate dihydrate and pentapotassium bis(peroxymonosulphate) bis(sulphate)	7782-50-5	
Active chlorine generated from trichloroisocyanuric acid and pentapotassium bis(peroxymonosulphate) bis(sulphate)		
Active Chlorine: manufactured by the reaction of hypochlorous acid and sodium hypochlorite produced in situ		
Alkyl-benzyl-dimethylammonium chloride (Benzalkonium chloride)	8001-54-5	
Aluminium sodium silicate-silver zinc complex (Silver zinc zeolite)	130328-20-0	
Amines, C10-16-alkyldimethyl, N-oxides	70592-80-2	274-687-2

Name	CAS Number	EC Number
Ammonium bromide	12124-97-9	235-183-8
Bacillus sphaericus other than Bacillus sphaericus 2362, strain ABTS-1743	143447-72-7	
Bacillus thuringiensis subsp. israelensis Serotype H14, other than strain AM65-52 and other than strain SA3A		
Benzododecinium chloride	139-07-1	205-351-5
Benzoic acid	65-85-0	200-618-2
Benzothiazole-2-thiol	149-30-4	205-736-8
Benzyl benzoate	120-51-4	204-402-9
Benzyldimethyl(octadecyl)ammonium chloride	122-19-0	204-527-9
Benzyldimethyloleylammonium chloride	37139-99-4	253-363-4

Name	CAS Number	EC Number
Benzylododecyldimethylammonium bromide	7281-04-1	230-698-4
Bis(3-aminopropyl)octylamine	86423-37-2	433-340-7
bis(N-cyclohexyl-diazenium-dioxy)-copper (Cu-HDO)	312600-89-8	
Boric acid	10043-35-3	233-139-2
Bromine chloride	13863-41-7	237-601-4
Cetalkonium chloride	122-18-9	204-526-3
Cetylpyridinium chloride	123-03-5	204-593-9
Chlorine dioxide generated from sodium chloride by electrolysis (Redefined from Chlorine dioxide)		
Chlorine dioxide generated from sodium chlorite and sodium chloride / sodium chloride brine		

Name	CAS Number	EC Number
Chloroxylenol	88-04-0	201-793-8
Clorophene (Chlorophene)	120-32-1	204-385-8
Copper	7440-50-8	231-159-6
Copper sulphate	7758-98-7	231-847-6
Decyldimethyloctylammonium chloride	32426-11-2	251-035-5
Dialuminium chloride pentahydroxide	12042-91-0	234-933-1
Dichlorophen	97-23-4	202-567-1
Didecyldimethylammonium bromide	2390-68-3	219-234-1
Dihydrogen bis[monoperoxyphthalato (2-)-O1,OO1]magnesate(2-) hexahydrate	14915-85-4	279-013-0
Dimethyldioctylammonium chloride	5538-94-3	226-901-0

Name	CAS Number	EC Number
Dipotassium disulphite	16731-55-8	240-795-3
Disodium cyanodithiocarbamate	138-93-2	205-346-8
Disodium disulphite (Sodium metabisulfite)	7681-57-4	231-673-0
Disodium octaborate tetrahydrate	12280-03-4	234-541-0
Disodium tetraborate, anhydrous	1330-43-4	215-540-4
Dodecylguanidine monohydrochloride	13590-97-1	237-030-0
Formaldehyde released from (ethylenedioxy)dimethanol (Reaction products of ethylene glycol with paraformaldehyde (EGForm))	3586-55-8	222-720-6
Guazatine triacetate	115044-19-4	
Hexa-2,4-dienoic acid (Sorbic acid)	110-44-1	203-768-7

Name	CAS Number	EC Number
Homopolymer of 2-tert-butylaminoethyl methacrylate (Einecs 223-228-4)	26716-20-1	
Hydrogen peroxide generated from barley straw in water		
Hydrogen peroxide generated from beta-d-glucose pentaacetate		
Hydrogen peroxide generated from sea water by electrolysis		
Hydrogen peroxide generated from sodium hydroxide by electrolysis		
Hydrogen peroxide generated from sodium sulphate by electrolysis		
Hydrogen peroxide generated from sulphuric acid by electrolysis		
Hydroxyl-2-pyridone	822-89-9	212-506-0
Iodine	7553-56-2	231-442-4
Lignin	9005-53-2	232-682-2

Name	CAS Number	EC Number
m-Cresol	108-39-4	203-577-9
Mecetronium ethyl sulphate (MES)	3006-10-8	221-106-5
Meleleuca alternifolia, ext. (Australian Tea Tree Oil)	85085-48-9	285-377-1
Metam-sodium	137-42-8	205-293-0
Methylene dithiocyanate	6317-18-6	228-652-3
Miristalkonium chloride	139-08-2	205-352-0
Mixture of 1-phenoxypropan-2-ol (Einecs 212-222-7) and 2-phenoxypropanol (Einecs 224-027-4)		
Mixture of cis- and trans-p-menthane-3,8 diol (Citriodiol)	42822-86-6	255-953-7
Monochloramine generated from a mixture of ammonium sulphate and diammonium hydrogenorthophosphate and a chlorine source		

Name	CAS Number	EC Number
Monochloramine generated from ammonia and a chlorine source	10599-90-3	
Monochloramine generated from ammonium sulphate and a chlorine source		
Monochloramine generated from diammonium hydrogenorthophosphate and a chlorine source		
N,N,N',N'-Tetramethylethylenediaminebis (2-chloroethyl)ether copolymer	31075-24-8	
Nabam	142-59-6	205-547-0
N-cyclopropyl-1,3,5-triazine-2,4,6-triamine (Cyromazine)	66215-27-8	266-257-8
N-Didecyl-N-dipolyethoxyammonium borate / Didecylpolyoxethylammonium borate (Polymeric betaine)	214710-34-6	
Nitromethylidynetrimethanol	126-11-4	204-769-5
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	374572-91-5	Polymer

Name	CAS Number	EC Number
p-[(diiodomethyl)sulphonyl]toluene	20018-09-1	243-468-3
Peracetic acid generated by perhydrolysis of acetyltriethylcitrate by hydrogen peroxide in alkaline conditions		
Peracetic acid generated by perhydrolysis of D-Sorbitol hexaacetate by hydrogen peroxide in alkaline conditions		
Peracetic acid generated by perhydrolysis of methylacetate by hydrogen peroxide in alkaline conditions		
Peracetic acid generated by perhydrolysis of N-acetylcaprolactam by hydrogen peroxide in alkaline conditions	79-21-0	
Peracetic acid generated by perhydrolysis of pentaacetylglucose by hydrogen peroxide in alkaline conditions		
Peracetic acid generated from acetic acid and hydrogen peroxide		
Peroxyoctanoic acid	33734-57-5	

Coronavirus (COVID-19)

No supply or use permitted

Product type 2 active substances

Name	CAS Number	EC Number
Phthalaldehyde	643-79-8	211-402-2
Pine oil	8002-09-3	
Poly(hexamethylenediamine guanidinium chloride)	57028-96-3	Polymer
Polyvinylpyrrolidone iodine	25655-41-8	
Potassium (E,E)-hexa-2,4-dienoate (Potassium Sorbate)	24634-61-5	246-376-1
Potassium dimethyldithiocarbamate	128-03-0	204-875-1
Potassium methyldithiocarbamate	205-292-5	137-41-7
Potassium salts of fatty acids (C15-21)		
Potassium sulphite	10117-38-1	233-321-1

Name	CAS Number	EC Number
Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or hydroxides) (BKC)		
Quaternary ammonium compounds (dialkyldimethyl (alkyl from C6-C18, saturated and unsaturated, and tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides, or methylsulphates) (DDAC)		
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	100085-64-1	309-206-8
Quaternary ammonium compounds, benzyl-C10-16-alkyldimethyl, chlorides	68989-00-4	273-544-1
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides (other than CAS 85409-22-9)		
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (other than CAS 68424-85-1)		
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (other than CAS 68391-01-5)		

Coronavirus (COVID-19)

No supply or use permitted

Product type 2 active substances

Name	CAS Number	EC Number
Quaternary ammonium compounds, benzyl-C8-16-alkyldimethyl, chlorides	68424-84-0	270-324-7
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, bromides	91080-29-4	293-522-5
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	63449-41-2	264-151-6
Quaternary ammonium compounds, benzylcoco alkyldimethyl, chlorides	61789-71-7	263-080-8
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides	61789-80-8	263-090-2
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]di-methyl, chlorides (other than CAS 85409-23-0)		
Quaternary ammonium compounds, di-C6-12-alkyldimethyl, chlorides	68391-06-0	269-925-7
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides (other than CAS 68424-95-3)		
Quaternary ammonium compounds, di-C8-18-alkyldimethyl, chlorides	73398-64-8	277-453-8

Name	CAS Number	EC Number
Quaternary ammonium compounds, dicocoalkyl dimethyl, chlorides	61789-77-3	263-087-6
Quaternary ammonium iodides	308074-50-2	
Reaction product of dimethyl adipate, dimethyl glutarate, dimethyl succinate with hydrogen peroxide (Perestane)		432-790-1
Silicic acid, aluminium magnesium sodium salt	12040-43-6	234-919-5
Silver copper zeolite	130328-19-7	
Silver nitrate	7761-88-8	231-853-9
Silver sodium hydrogen zirconium phosphate	265647-11-8	422-570-3
Silver zeolite	130328-18-6 (*the CAS number given is broader than the specific chemical referred to in this entry)	

Name	CAS Number	EC Number
Silver, as a nanomaterial	7440-22-4	231-131-3
Silver-zinc-aluminium-boronphosphate glass (Glass oxide, silver- and zinc-containing)	398477-47-9	
Sodium 2,4,6-trichlorophenolate	3784-03-0	223-246-2
Sodium 2-biphenylate	132-27-4	205-055-6
Sodium bromide	7647-15-6	231-599-9
Sodium chlorate	7775-09-9	231-887-4
Sodium chlorite	7758-19-2	231-836-6
Sodium dimethyldithiocarbamate	128-04-1	204-876-7
Sodium hydrogen 2,2'methylenebis[2-chlorophenolate]	10187-52-7	233-457-1
Sodium hydrogensulphite	7631-90-5	231-548-0

Name	CAS Number	EC Number
Sodium N-chlorobenzenesulphonamide (Chloramine-B)	127-52-6	204-847-9
Sodium p-chloro-m-cresolate	15733-22-9	239-825-8
Sodium sulphite	7757-83-7	231-821-4
Sulphur Dioxide	7446-09-5	231-195-2
Tar acids, polyalkylphenol fraction	84989-05-9	284-893-4
Terbutylazine	5915-41-3	227-637-9
Tetrachlorodecaoxide complex (TCDO)	92047-76-2	420-590-7
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5 (1H,3H)-dione (TMAD)	5395-50-6	226-408-0
Tetrakis(hydroxymethyl)phosphonium sulphate (2:1) (THPS)	55566-30-8	259-709-0

Coronavirus (COVID-19)

No supply or use permitted

Product type 2 active substances

Name	CAS Number	EC Number
Thiram	137-26-8	205-286-2
Tributyltetradecylphosphonium chloride	81741-28-8	279-808-2
Triclocarban	101-20-2	202-924-1
Triclosan	3380-34-5	222-182-2
Trisodium orthophosphate	7601-54-9	231-509-8
Urea, N,N'-bis(hydroxymethyl)-, reaction products with 2-(2-butoxyethoxy)ethanol, ethylene glycol and formaldehyde	90604-54-9	292-384-7
Ziram	137-30-4	205-288-3

Further information

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