

Safer Disinfectants, by Surface & Formulation Type

Surface Type	Formulation Type	Sample Product Name	Company	Reg No. and Active Ingredient(s)	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)			
						Healthcare	Institutional	Residential	
Hard Nonporous (HN)	Dilutable	Accel (Concentrate) Disinfectant Cleaner	Virox Technologies Inc	74559-4 (Hydrogen peroxide)	Poliovirus	5	Y	Y	Y
		D7 Part 2	Decon7 Systems LLC	89833-4 (Hydrogen peroxide)	Norovirus	10	Y	Y	Y
HN		HASTe-SSD-Component A	Steris Corporation	1043-125 (Tetraacetyl ethylenediamine)	Mycobacterium bovis	1	Y		
HN		HASTe-SSD-Component B	Steris Corporation	1043-124 (Hydrogen peroxide)	Mycobacterium bovis	1	Y		
HN		HP2O2	Midlab	45745-11 (Hydrogen peroxide)	SARS-CoV-2	1	Y	Y	
HN		LEXX™ Liquid Sanitizer and Cleaner Concentrate	ProNatural Brands LLC	91452-1 (Citric acid)	Feline calicivirus	10	Y	Y	Y
HN		MDF-200 Part B	Span-World LLC	91899-2 (Hydrogen peroxide)	Feline calicivirus	10	Y	Y	
HN		NeoSan Labs Part B	Neosan Labs Inc	93672-2 (Hydrogen peroxide)	Norovirus	10	Y	Y	Y
HN		Oxy-res (Concentrate)	Virox Technologies Inc	74559-6 (Hydrogen peroxide)	Human coronavirus	5	Y	Y	Y
HN		Oxy-Team™ Disinfectant Cleaner	Diversey Inc	70627-58 (Hydrogen peroxide)	Canine parvovirus; Feline picornavirus	5	Y	Y	
HN		Peroxy HDOX	Earth Laboratories Inc	84198-1 (Hydrogen peroxide)	Norovirus	5	Y	Y	
HN		Phato 1:64 Disinfectant Cleaner	Diversey Inc	70627-62 (Hydrogen peroxide)	Feline calicivirus	5	Y	Y	
HN		SBT 2 to 1 Concentrate	Melaleuca Inc	66251-2 (Citric acid; Thymol)	Rhinovirus; Poliovirus	10			Y
HN	Dilutable; Electrostatic spray	Peroxide Multi Surface Cleaner and Disinfectant	Ecolab Inc	1677-238 (Hydrogen peroxide)	SARS-CoV-2	0.5	Y	Y	
HN		S&S Sanitizer	Ecolab Inc	1677-260 (Dodecylbenzenesulfonic acid; L-Lactic acid)	SARS-CoV-2	0.25	Y	Y	Y
HN	Fog; Mist	Binary Ionization Technology (BIT) Solution	Tomi Environmental Solutions Inc	90150-2 (Hydrogen peroxide)	Feline calicivirus	15	Y	Y	Y
HN		CURoxide™	Curis System LLC	93324-1 (Hydrogen peroxide)	Clostridioides difficile	30	Y	Y	Y
HN	Ready-to-use	Accel 5 RTU	Virox Technologies Inc	74559-8 (Hydrogen peroxide)	Human coronavirus	5	Y	Y	Y
HN		Accel TB	Virox Technologies Inc	74559-1 (Hydrogen peroxide)	Poliovirus; Feline calicivirus	1	Y	Y	Y
HN		All-Purpose Disinfectant Spray	Innovasource LLC	85837-5 (Hydrogen peroxide)	Rhinovirus	10	Y	Y	Y
HN		Angel	Reckitt Benckiser LLC	777-126 (Hydrogen peroxide)	Rotavirus; Rhinovirus	10	Y	Y	Y
HN		Benefect Botanical Daily Cleaner Disinfectant Spray	Cleanwell LLC	84683-3 (Thymol)	Rhinovirus	10	Y	Y	Y
HN		Benefect Broad Spectrum Disinfectant	Cleanwell LLC	84683-1 (Thymol)	Mycobacterium bovis	5	Y	Y	Y
HN		Bona STL Disinfecting Cleaner	Bonakemi USA Inc	91861-2 (Hydrogen peroxide)	Rhinovirus	10	Y	Y	Y
HN		Charleston	GOJO Industries Inc	84150-4 (Ethanol (Ethyl alcohol))	Hepatitis A virus	0.5	Y	Y	
HN		Clean Well Broad Spectrum Disinfectant	Cleanwell LLC	84683-5 (Thymol)	Mycobacterium bovis	5	Y	Y	Y
HN		Cleancide	Wexford Labs Inc	34810-35 (Citric acid)	Feline calicivirus	5	Y	Y	
HN		Clippicide Spray	King Research Inc	954-10 (Isopropanol (Isopropyl alcohol); Phenolic)	Mycobacterium bovis	10		Y	
HN		Clorox Commercial Solutions® Clorox® Disinfecting Biostain & Odor Remover	Clorox Professional Products Company	67619-33 (Hydrogen peroxide)	Enterovirus; Norovirus; Rhinovirus Type 37	5	Y	Y	Y

Safer Disinfectants, by Surface & Formulation Type

Surface Type	Formulation Type	Sample Product Name	Company	Reg No. and Active Ingredient(s)	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)			
						Healthcare	Institutional	Residential	
HN		Clorox Commercial Solutions® Hydrogen Peroxide Cleaner Disinfectant	Clorox Professional Products Company	67619-24 (Hydrogen peroxide)	SARS-CoV-2	0.5	Y	Y	Y
HN		Clorox Pet Solutions Advanced Formula Disinfecting Stain & Odor Remover	The Clorox Company	5813-110 (Hydrogen peroxide)	Enterovirus D68; Norovirus; Rhinovirus	5	Y	Y	Y
HN		Comet Disinfecting Bathroom Cleaner	The Proctor & Gamble Company	3573-54 (Citric acid)	Feline calicivirus; Norovirus	10	Y	Y	Y
HN		Disinfectant 1 Spray	Ecolab Inc	1677-262 (Dodecylbenzenesulfonic Acid)	Norovirus; Canine parvovirus	1	Y	Y	
HN		DS-6640	Lonza LLC	6836-385 (Hydrogen peroxide)	Feline calicivirus	3	Y	Y	Y
HN		DS6835	Lonza LLC	6836-442 (Hydrogen peroxide)	Norovirus	1	Y	Y	
HN		EasyDECON Part 2	EFT Holdings Inc	74436-2 (Hydrogen peroxide)	Hepatitis A virus; Rhinovirus; Feline calicivirus	10	Y	Y	Y
HN		Facility + RTU	Midlab	45745-12 (Hydrogen peroxide)	SARS-CoV-2	1	Y	Y	Y
HN		Fangio	S.C. Johnson & Son Inc	4822-606 (L-Lactic acid)	Human coronavirus	10		Y	Y
HN		Freak	Method Products Inc	75277-2 (Citric acid)	Rhinovirus	10			Y
HN		G&O CARTU	Guy & O'Neill Inc	50757-5 (Citric acid)	Feline calicivirus; Rhinovirus Type 37	10	Y	Y	Y
HN		Gurney	S.C. Johnson & Son Inc	4822-608 (L-Lactic acid)	Human coronavirus	5		Y	Y
HN		Hydra	Church & Dwight Company Inc	10772-21 (Hydrogen peroxide)	Rotavirus; Rhinovirus	5	Y	Y	Y
HN		Hygeia	S.C. Johnson & Son Inc	4822-592 (L-Lactic acid)	Rotavirus	5		Y	Y
HN		Klercide 70/30 IPA	Ecolab Inc	1677-249 (Isopropanol (Isopropyl alcohol))	Rhinovirus	5	Y	Y	
HN		Lysol® Bathroom Cleaner	Reckitt Benckiser LLC	675-55 (Citric acid)	Poliovirus	5	Y	Y	Y
HN		Lysol® Neutra Air® 2 in 1	Reckitt Benckiser LLC	777-136 (Ethanol (Ethyl alcohol))	Human coronavirus	0.5	Y	Y	Y
HN		Nathan 2	S.C. Johnson Professional	89900-1 (Hydrogen peroxide)	Human coronavirus	5	Y	Y	Y
HN		Oxivir™ 1	Diversey Inc	70627-74 (Hydrogen peroxide)	Canine parvovirus; Enterovirus D68	1	Y	Y	
HN		Oxivir™ HC Disinfectant Cleaner	Diversey Inc	70627-79 (Hydrogen peroxide)	Feline calicivirus; Rhinovirus; Adenovirus; Rotavirus; Poliovirus	1	Y	Y	
HN		Oxivir™ HC Wipes	Diversey Inc	70627-80 (Hydrogen peroxide)	Feline calicivirus; Rhinovirus; Adenovirus; Rotavirus; Poliovirus	1	Y	Y	
HN		Oxy-1 RTU	Virox Technologies Inc	74559-9 (Hydrogen peroxide)	Poliovirus	0.5	Y	Y	Y
HN		PELS 422	The Gilla Company LLC	91176-2 (1,2-Hexanediol)	Human coronavirus	10	Y	Y	
HN		Peroxide Disinfectant And Glass Cleaner RTU	Ecolab Inc	1677-251 (Hydrogen peroxide)	SARS-CoV-2	0.5	Y	Y	
HN		Proxi Home General Disinfectant Cleaner Spray	Innovasource LLC	85837-4 (Hydrogen peroxide)	Rhinovirus	10	Y	Y	Y
HN		Ready to Use Thymol	Wexford Labs Inc	34810-25 (Thymol)	Feline calicivirus	10	Y	Y	Y

Safer Disinfectants, by Surface & Formulation Type

Surface Type	Formulation Type	Sample Product Name	Company	Reg No. and Active Ingredient(s)	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)			
						Healthcare	Institutional	Residential	
HN		Saginaw	Clorox Professional Products Company	67619-29 (Ethanol (Ethyl alcohol))	Coxsackievirus; Hepatitis A virus; Rhinovirus; Rotavirus	5	Y	Y	Y
HN		Salsa	GOJO Industries Inc	84150-3 (Ethanol (Ethyl alcohol))	Hepatitis A virus	1	Y	Y	Y
HN		Sani-Cide EX3 (10X) RTU	Celeste Industries Corp	42048-4 (L-Lactic acid)	Feline calicivirus	10		Y	
HN		Sani-HyPerCide Germicidal Spray	Professional Disposables International Inc	9480-14 (Hydrogen peroxide)	Norovirus	1	Y	Y	
HN		Suretough	Diversey Inc	70627-78 (Hydrogen peroxide)	Human coronavirus	5	Y	Y	
HN		Swipe Clean 70/30 IPA	Community Chemical	97755-1 (Isopropanol (Isopropyl alcohol))	Rhinovirus Type 37	5	Y	Y	
HN		Thymox Disinfectant Spray	Laboratoire M2	87742-1 (Thymol)	SARS-CoV-2	1	Y	Y	Y
HN		Urthpro	Urthtech LLC	84368-1 (Ethanol (Ethyl alcohol))	Hepatitis A virus	1	Y	Y	Y
HN		WC Complete	Combat Insect Control Systems	64240-65 (L-Lactic acid)	Rhinovirus	0.5	Y	Y	Y
HN		Windex Disinfectant Cleaner	S.C. Johnson & Son Inc	4822-593 (L-Lactic acid)	SARS-CoV-2	10		Y	Y
HN	Ready-to-use; Electrostatic spray	CW32A-RTU	Ecolab Inc	1677-259 (Dodecylbenzenesulfonic acid; L-Lactic acid)	SARS-CoV-2	0.25	Y	Y	Y
HN		Oxivir™ Tb	Diversey Inc	70627-56 (Hydrogen peroxide)	Norovirus; Rhinovirus; Poliovirus Type 1	1	Y	Y	
HN	Vapor (use in conjunction with VHP generator)	B-Cap™ 35 Antimicrobial Agent	PeroxyChem LLC	72372-1 (Hydrogen peroxide)	Use this product for sterilization as instructed in the Bioquell Hydrogen Peroxide Vapor (HPV) User's Equipment Manual	Consult user manual or label			Y
HN		Vaprox Hydrogen Peroxide Sterilant	Steris Corporation	58779-4 (Hydrogen peroxide)	Use this product for sterilization as instructed in the Vaporized Hydrogen Peroxide (VHP®) User's Equipment Manual	Consult user manual or label			Y
HN	Wipe	Accel TB Wipes	Virox Technologies Inc	74559-3 (Hydrogen peroxide)	SARS-CoV-2	1	Y	Y	Y
HN		Arm & Hammer Essentials™ Disinfecting Wipes	CR Brands Inc	95337-1 (Citric acid)	Rhinovirus	5		Y	Y
HN		Benefact Botanical Daily Cleaner Disinfectant Towelette	Cleanwell LLC	84683-4 (Thymol)	Rhinovirus	10	Y	Y	Y
HN		CAT	The Clorox Company	5813-127 (Citric acid)	Rotavirus; Norovirus	5	Y	Y	Y
HN		CleanCide Wipes	Wexford Labs Inc	34810-36 (Citric acid)	Rhinovirus; Feline calicivirus	5	Y	Y	Y
HN		Clorox Commercial Solutions® Hydrogen Peroxide Cleaner Disinfectant Wipes	Clorox Professional Products Company	67619-25 (Hydrogen peroxide)	SARS-CoV-2	0.5	Y	Y	Y
HN		Disinfectant 1 Wipe	Ecolab Inc	1677-263 (Dodecylbenzenesulfonic Acid)	Norovirus; Canine parvovirus	1	Y	Y	
HN		DS6809	Lonza LLC	6836-388 (Hydrogen peroxide)	Feline calicivirus	3	Y	Y	Y
HN		Mitersaw	GOJO Industries Inc	84150-2 (Ethanol (Ethyl alcohol))	Feline calicivirus	5		Y	Y

Safer Disinfectants, by Surface & Formulation Type

Surface Type	Formulation Type	Sample Product Name	Company	Reg No. and Active Ingredient(s)	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)			
						Healthcare	Institutional	Residential	
HN		Oxiclean Laundry and Home Sanitizer	Church & Dwight Company Inc	10772-25 (Sodium carbonate peroxyhydrate; Tetraacetyl ethylenediamine)	SARS-CoV-2	15	Y	Y	Y
HN		Oxivir™ 1 Wipes	Diversey Inc	70627-77 (Hydrogen peroxide)	Enterovirus D68	1	Y	Y	
HN		Oxivir™ Wipes	Diversey Inc	70627-60 (Hydrogen peroxide)	Norovirus; Poliovirus Type 1; Rhinovirus Type 14	1	Y	Y	Y
HN		Oxy-1 Wipes	Virox Technologies Inc	74559-10 (Hydrogen peroxide)	Poliovirus	0.5	Y	Y	Y
HN		PURELL Professional Surface Disinfectant Wipes	GOJO Industries Inc	84150-1 (Ethanol (Ethyl alcohol))	Norovirus	5	Y	Y	Y
HN		Sani-HyPerCide Germicidal Disposable Wipe	Professional Disposables International Inc	9480-16 (Hydrogen peroxide)	Adenovirus; Rotavirus; Rhinovirus; Feline calicivirus	1	Y		
HN		T-bone	Reckitt Benckiser LLC	777-139 (Citric acid)	Human coronavirus	5	Y	Y	Y
HN		Wexford Disinfectant Wipes	Wexford Labs Inc	34810-37 (Citric acid)	Rhinovirus	3	Y	Y	Y
Food Contact No Rinse (FCNR)	Dilutable	S&S Sanitizer	Ecolab Inc	1677-260 (Dodecylbenzenesulfonic acid; L-Lactic acid)	SARS-CoV-2	0.25	Y	Y	Y
FCNR	Electrostatic spray	CW32A-RTU	Ecolab Inc	1677-259 (Dodecylbenzenesulfonic acid; L-Lactic acid)	SARS-CoV-2	0.25	Y	Y	Y
FCNR		S&S Sanitizer	Ecolab Inc	1677-260 (Dodecylbenzenesulfonic acid; L-Lactic acid)	SARS-CoV-3	0.25	Y	Y	Y
FCNR	Ready-to-use	CW32A-RTU	Ecolab Inc	1677-259 (Dodecylbenzenesulfonic acid; L-Lactic acid)	SARS-CoV-2	0.25	Y	Y	Y
FCNR		Benefect Botanical Daily Cleaner Disinfectant Spray	Cleanwell LLC	84683-3 (Thymol)	Rhinovirus	10	Y	Y	Y
FCNR		Benefect Broad Spectrum Disinfectant	Cleanwell LLC	84683-1 (Thymol)	Mycobacterium bovis	5	Y	Y	Y
FCNR		Charleston	GOJO Industries Inc	84150-4 (Ethanol (Ethyl alcohol))	Hepatitis A virus	0.5	Y	Y	
FCNR		Clean Well Broad Spectrum Disinfectant	Cleanwell LLC	84683-5 (Thymol)	Mycobacterium bovis	5	Y	Y	Y
FCNR		Salsa	GOJO Industries Inc	84150-3 (Ethanol (Ethyl alcohol))	Hepatitis A virus	1	Y	Y	Y
FCNR		Thymox Disinfectant Spray	Laboratorie M2	87742-1 (Thymol)	SARS-CoV-2	1	Y	Y	Y
FCNR		Urthpro	Urthtech LLC	84368-1 (Ethanol (Ethyl alcohol))	Hepatitis A virus	1	Y	Y	Y
FCNR	Vapor (use in conjunction with VHP generator)	Vaprox Hydrogen Peroxide Sterilant	Steris Corporation	58779-4 (Hydrogen peroxide)	Use this product for sterilization as instructed in the Vaporized Hydrogen Peroxide (VHP®) User's Equipment Manual	Consult user manual or label			Y
FCNR	Wipe	Benefect Botanical Daily Cleaner Disinfectant Towelette	Cleanwell LLC	84683-4 (Thymol)	Rhinovirus	10	Y	Y	Y

Safer Disinfectants, by Surface & Formulation Type

Surface Type	Formulation Type	Sample Product Name	Company	Reg No. and Active Ingredient(s)	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)	Healthcare	Institutional	Residential
FCNR		PURELL Professional Surface Disinfectant Wipes	GOJO Industries Inc	84150-1 (Ethanol (Ethyl alcohol))	Norovirus	5	Y	Y	Y
Food Contact Post-Rinse Required (FCR)	Dilutable	HP202	Midlab	45745-11 (Hydrogen peroxide)	SARS-CoV-2	1	Y	Y	
FCR		MDF-200 Part B	Span-World LLC	91899-2 (Hydrogen peroxide)	Feline calicivirus	10	Y	Y	
FCR		NeoSan Labs Part B	Neosan Labs Inc	93672-2 (Hydrogen peroxide)	Norovirus	10	Y	Y	Y
FCR		Oxiclean Laundry and Home Sanitizer	Church & Dwight Company Inc	10772-25 (Sodium carbonate peroxyhydrate; Tetraacetyl ethylenediamine)	SARS-CoV-2	15	Y	Y	Y
FCR	Electrostatic spray	Oxivir™ Tb	Diversey Inc	70627-56 (Hydrogen peroxide)	Norovirus; Rhinovirus; Poliovirus Type 1	1	Y	Y	
FCR	Fog; Mist	Binary Ionization Technology (BIT) Solution	Tomi Environmental Solutions Inc	90150-2 (Hydrogen peroxide)	Feline calicivirus	15	Y	Y	Y
FCR	Ready-to-use	Bona STL Disinfecting Cleaner	Bonakemi USA Inc	91861-2 (Hydrogen peroxide)	Rhinovirus	10	Y	Y	Y
FCR		Clorox Commercial Solutions® Hydrogen Peroxide Cleaner Disinfectant	Clorox Professional Products Company	67619-24 (Hydrogen peroxide)	SARS-CoV-2	0.5	Y	Y	Y
FCR		Disinfectant 1 Spray	Ecolab Inc	1677-262 (Dodecylbenzenesulfonic Acid)	Norovirus; Canine parvovirus	1	Y	Y	
FCR		EasyDECON Part 2	EFT Holdings Inc	74436-2 (Hydrogen peroxide)	Hepatitis A virus; Rhinovirus; Feline calicivirus	10	Y	Y	Y
FCR		Facility + RTU	Midlab	45745-12 (Hydrogen peroxide)	SARS-CoV-2	1	Y	Y	Y
FCR		G&O CARTU	Guy & O'Neill Inc	50757-5 (Citric acid)	Feline calicivirus; Rhinovirus Type 37	10	Y	Y	Y
FCR		Hygeia	S.C. Johnson & Son Inc	4822-592 (L-Lactic acid)	Rotavirus	5		Y	Y
FCR		Lysol® Bathroom Cleaner	Reckitt Benckiser LLC	675-55 (Citric acid)	Poliovirus	5	Y	Y	Y
FCR		Lysol® Neutra Air® 2 in 1	Reckitt Benckiser LLC	777-136 (Ethanol (Ethyl alcohol))	Human coronavirus	0.5	Y	Y	Y
FCR		Oxivir™ HC Disinfectant Cleaner	Diversey Inc	70627-79 (Hydrogen peroxide)	Feline calicivirus; Rhinovirus; Adenovirus; Rotavirus; Poliovirus	1	Y	Y	
FCR		Oxivir™ HC Wipes	Diversey Inc	70627-80 (Hydrogen peroxide)	Feline calicivirus; Rhinovirus; Adenovirus; Rotavirus; Poliovirus	1	Y	Y	
FCR		Oxivir™ Tb	Diversey Inc	70627-56 (Hydrogen peroxide)	Norovirus; Rhinovirus; Poliovirus Type 1	1	Y	Y	
FCR		Ready to Use Thymol	Wexford Labs Inc	34810-25 (Thymol)	Feline calicivirus	10	Y	Y	Y
FCR		Saginaw	Clorox Professional Products Company	67619-29 (Ethanol (Ethyl alcohol))	Coxsackievirus; Hepatitis A virus; Rhinovirus; Rotavirus	5	Y	Y	Y
FCR	Wipe	Arm & Hammer Essentials™ Disinfecting Wipes	CR Brands Inc	95337-1 (Citric acid)	Rhinovirus	5		Y	Y
FCR		CAT	The Clorox Company	5813-127 (Citric acid)	Rotavirus; Norovirus	5	Y	Y	Y
FCR		CleanCide Wipes	Wexford Labs Inc	34810-36 (Citric acid)	Rhinovirus; Feline calicivirus	5	Y	Y	Y

Safer Disinfectants, by Surface & Formulation Type

Surface Type	Formulation Type	Sample Product Name	Company	Reg No. and Active Ingredient(s)	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)	Healthcare	Institutional	Residential
FCR		Disinfectant 1 Wipe	Ecolab Inc	1677-263 (Dodecylbenzenesulfonic Acid)	Norovirus; Canine parvovirus	1	Y	Y	
FCR		Sani-HyPerCide Germicidal Disposable Wipe	Professional Disposables International Inc	9480-16 (Hydrogen peroxide)	Adenovirus; Rotavirus; Rhinovirus; Feline calicivirus	1	Y		
FCR		T-bone	Reckitt Benckiser LLC	777-139 (Citric acid)	Human coronavirus	5	Y	Y	Y
FCR		Wexford Disinfectant Wipes	Wexford Labs Inc	34810-37 (Citric acid)	Rhinovirus	3	Y	Y	Y

Porous (P)	Vapor (use in conjunction with VHP generator)	B-Cap™ 35 Antimicrobial Agent	PeroxyChem LLC	72372-1 (Hydrogen peroxide)	Use this product for sterilization as instructed in the Bioquell Hydrogen Peroxide Vapor (HPV) User's Equipment Manual	Consult user manual or label		Y	
P		Vaprox Hydrogen Peroxide Sterilant	Steris Corporation	58779-4 (Hydrogen peroxide)	Use this product for sterilization as instructed in the Vaporized Hydrogen Peroxide (VHP®) User's Equipment Manual	Consult user manual or label		Y	
P	Dilutable	Oxiclean Laundry and Home Sanitizer	Church & Dwight Company Inc	10772-25 (Sodium carbonate peroxyhydrate; Tetraacetyl ethylenediamine)	SARS-CoV-2	15	Y	Y	Y

Have products on hand? Check your label for its active ingredient.

Active ingredients which should be AVOIDED and have been excluded from this list include: Quaternary ammonium compounds (QAC - label does not specify a substance is a QAC but often ends in "ammonium chloride". Most common QAC in disinfectants are benzalkonium chlorides); Chlorine compounds / bleach (sodium hypochlorite, hypochlorous acid, sodium chlorite, sodium chloride); Sodium dichloro-s-triazinetrione; Ammonium carbonate; Ammonium bicarbonate; Peroxyacetic acid (peracetic acid); Glutaraldehyde; Glycolic acid; Hydrochloric acid; Octanoic acid.

Active ingredients which are SAFER and approved by CDC and EPA N list: Hydrogen peroxide; Isopropyl alcohol (isopropanol); Ethanol; Thymol; L-lactic acid; Citric acid.

EPA List N is periodically updated. For changes to EPA List N, since this chart was generated on 3/8/21, click here: bit.ly/ListN-change-report

For more information on Safer Disinfectants, contact Maryland Pesticide Education Network at mdpestnet.org or email info@mdpestnet.org.

Maryland Pesticide Education Network reviews the disinfectants on EPA's List N, which are approved for use against the novel coronavirus, but it is only possible to review the active ingredients. One product on the list, for example, contains 99.7784% "other ingredients." Unfortunately, although this product may contain mostly water, it also may be composed mostly of such "inert" ingredients as 4-chlorotoluene, ethylbenzene, or petroleum distillates, all of which (among others) can weaken the respiratory and/or immune systems, making an exposed person more susceptible to Covid-19. We don't know.

"Inert" ingredients are not necessarily chemically or biologically harmless. "Inert" or "other" ingredients—as distinguished from "active" ingredients—are generally the majority of the product formulation that makes up the liquid, spray, dust, or granule, but does not specifically attack the pest, according to the manufacturer. They include emulsifiers, solvents, carriers, aerosol propellants, fragrances, and dyes. Many "inerts" are quite toxic, and may be "active" ingredients in other products. "Inert" ingredients may also be described as "adjuvants" or "formulants." "Inerts" are typically not listed on the label, and hence are often called "secret ingredients."

Special thanks to Margie Roswell for her work in creating this document.