

Coronavirus Disease 2019 (COVID-19)

PREVENTION GUIDE



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Coronavirus Disease 2019 (COVID-19)

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Overview

According to the [Centers for Disease Control and Prevention \(CDC\)](#),¹ the virus responsible for Coronavirus Disease 2019 (COVID-19) is a new virus which has been identified as the cause of an outbreak of respiratory illness in Wuhan City, Hubei Province in China. The earliest reported cases had a link to a large seafood and animal market in Wuhan, suggesting an initial animal-to-person spread, however a growing number of subsequent patients have not had exposure to animal markets, indicating that a person-to-person has been spread may be occurring.¹ The [CDC states](#)² that COVID-19 is a new disease, and that there is still much to be learned about how it spreads, the severity of the illness it causes, and the extent to which it may spread in the United States.²

Since this new strain of [coronavirus](#)³ was [originally detected in China on December 31, 2019](#),⁴ it has subsequently [spread throughout China](#),⁵ and is now spreading throughout the world to other countries. The [first case in the United States](#)⁶ was confirmed on January 21, 2020 in [Snohomish County in Washington](#) state,⁷ and [the number of confirmed cases has continued to grow in the ensuing weeks](#).⁸ In total, according to the Coronavirus COVID-19 Global Cases map provided by the Johns Hopkins University website, there have been confirmed cases in every state in the U.S., and practically every country in the world.⁸

The situation continues to be closely monitored by public health officials, with active communication taking place amongst the global public health community and the governments of affected countries and communities. The CDC, World Health Organization (WHO), and the global public health community are providing [instruction](#)⁹ for the global population to practice good hand hygiene, cover coughs and sneezes, avoid close contact with anyone with cold or flu-like symptoms, and to clean and disinfect high touch surfaces.

Map of Countries With Confirmed Cases of Coronavirus Disease 2019 (COVID-19) as of April 7, 2020. Image Source: CDC

[Click Here to View Current Map](#)

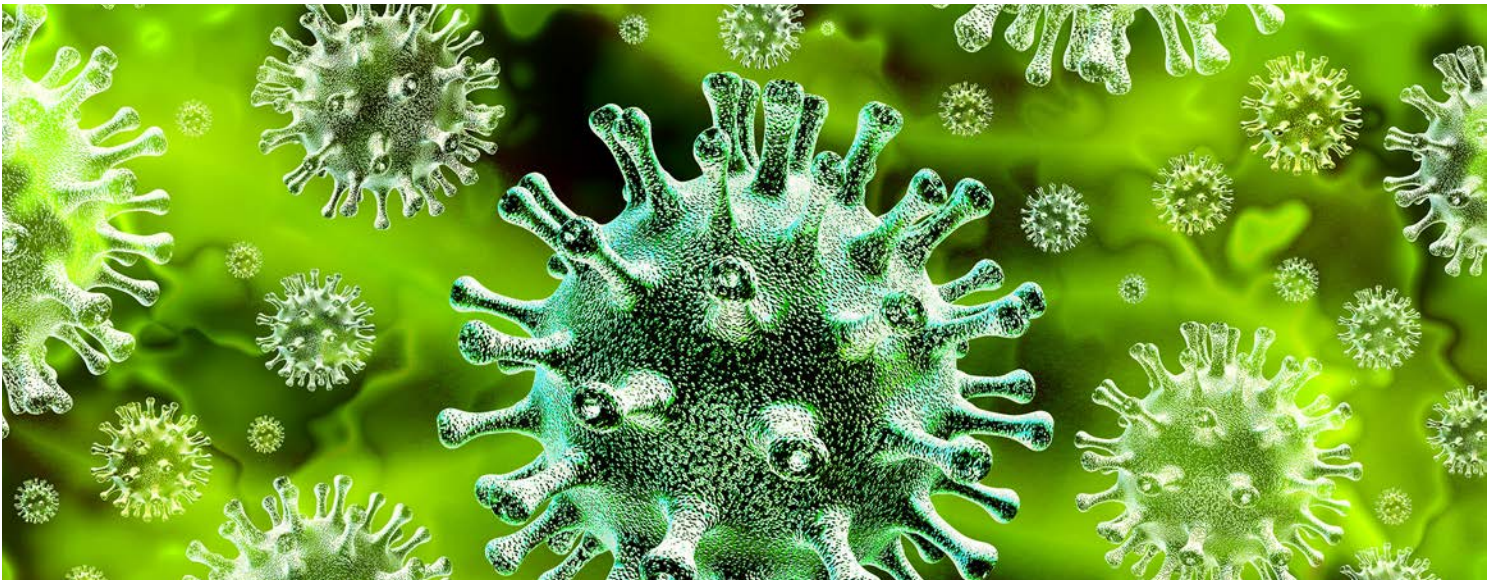


Coronaviruses

According to the [World Health Organization \(WHO\)](#),¹⁰ Coronaviruses (CoV) are a large family of enveloped viruses which are known to cause illnesses ranging from the common cold, to the more severe illnesses such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV). The coronavirus responsible for COVID-19 has been named [SARS-CoV-2](#).¹¹

[Coronaviruses are zoonotic](#),¹² meaning they are initially transmitted between animals and people, and these type of viruses are [named for the crown-like spikes \(or “coronas”\) on their surface](#)¹³ when viewed under an electron microscope. Human coronaviruses were first identified in the mid-1960s, and with the recent identification of the virus responsible for COVID-19, there are now seven known strains of human coronaviruses which can infect people.¹³

Most coronaviruses are not life threatening, and people around the world commonly get infected every year with one of the four known human strains of coronaviruses which cause the common cold.¹³ The COVID-19 strain is being monitored closely as a potentially more serious strain of human coronavirus similar to the strain identified as [Middle East Respiratory Syndrome \(MERS-CoV\)](#)¹⁴, which was responsible for an outbreak which started in Saudi Arabia in 2012, and the strain identified as [Severe Acute Respiratory Syndrome \(SARS-CoV\)](#)¹⁵, which was responsible for an outbreak which started in China in 2003.



Symptoms

For confirmed cases of COVID-19 infections, [symptoms](#)¹⁶ have ranged from infected people with little or no symptoms to infected people becoming severely ill and dying. Symptoms can include one or more of the following:

- Fever
- Cough
- Shortness of Breath
- Fatigue

At this time, CDC believes that symptoms may appear in as few as 2 days or as long as 14 days after exposure, but since this strain is still so new and in need of further research, these assumptions are based on observations of how symptoms developed with the MERS-CoV strain.¹⁶

In the most serious cases, COVID-19 infection can lead to pneumonia, severe acute respiratory syndrome, kidney failure, and even death.¹²

Prevention

While there is currently no vaccine available for COVID-19, [CDC is recommending that the public practice everyday preventive actions](#)¹⁷ which can help to limit the spread of respiratory viruses, including the following best practices:

- Wash your hands often with soap and water for at least 20 seconds. If soap and water are not available, use an alcohol-based hand sanitizer.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Avoid close contact with people who are sick.
- Stay home when you are sick.
- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces.

Reduce your risk of **coronavirus** infection:



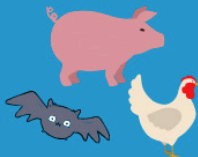
Clean hands with soap and water
or alcohol-based hand rub

Cover nose and mouth when coughing and
sneezing with tissue or flexed elbow



Avoid close contact with anyone with
cold or flu-like symptoms

Thoroughly cook meat and eggs



Avoid unprotected contact with live
wild or farm animals



World Health
Organization

Resources

Visit the World Health Organization website for additional infographics:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>

Protect others from getting sick

Cover mouth and nose with tissue, sleeve or elbow when coughing or sneezing



Throw tissue into closed bin after use

Clean hands after coughing or sneezing and when caring for the sick





Hand Hygiene – Clean Hands Save Lives!

As described previously, keeping hands clean is one of the most important steps we can take to avoid getting sick and spreading germs to others.

It is best to wash your hands with soap and clean running water for 20 seconds – or about the amount of time it takes to sing the “Happy Birthday” song twice. Then it is recommended to dry your hands with a clean paper towel.

However if soap and clean running water are not available, use an alcohol-based sanitizer to sanitize your hands. Alcohol-based hand sanitizers are fast acting and significantly reduce the number of germs on the skin. An alcohol-based hand sanitizer like PURELL® is a topical antimicrobial product which kills 99.99% of most common germs that can cause illness.

When Should You Wash Your Hands ([according to the CDC](#))¹⁸

- Before preparing or eating food
- After going to the restroom
- After changing diapers or cleaning up a child who has gone to the bathroom
- Before and after tending to someone who is sick
- After blowing your nose, coughing or sneezing
- After handling an animal or animal waste
- After handling garbage
- Before and after treating a cut or wound

Follow these five steps to wash your hands the right way every time:

- Wet your hands with clean running water (warm or cold), turn off the tap and apply soap.
- Lather your hands by rubbing them together with the soap. Be sure to lather the backs of your hands, between your fingers and under your nails.
- Scrub your hands for at least 20 seconds. Need a timer? Hum the “Happy Birthday” song from beginning to end twice.
- Rinse your hands well under clean running water.
- Dry your hands using a clean paper towel.

Fight the #coronavirus

with advanced hand hygiene
technology



WAXIE Select Foam Handwash Dispensing Systems

WAXIE Select Foam Handwash Dispensing Systems add a touch of class to your facility and are available with refreshing, spa-quality foam soap formulations that people love.

Whether you choose manual, touch-free or our new touch-free systems powered by energy that's right on the refill, your maintenance team will appreciate the advanced features that make maintenance a breeze.

EPA Emerging Viral Pathogens – and Hard Surface Disinfectants

At present, the virus responsible for COVID-19 is not on any EPA registered product lists, and therefore there is not a disinfectant which can make a specific claim to be effective against this new virus. However respiratory illnesses attributable to COVID-19 are caused by a coronavirus, and WAXIE can provide several broad-spectrum hard surface disinfectants that have been shown to be effective against other similar viruses, such as Human Coronavirus, SARS associated Coronavirus, Porcine Respiratory & Reproductive Syndrome Virus (PRRSV), and/or have been shown to be effective against viruses which are more difficult to inactivate such as Rotavirus, Rhinovirus Type 37, and Norovirus.

When used in accordance with the directions on the label for each associated product, these hard surface disinfectants listed on pages 18 and 19 of this document have been shown to be effective against the virus (or viruses) referenced on that page. Each disinfectant listed has already successfully gone through, or is in the process of going through, the protocol for the [EPA Emerging Viral Pathogens Guidance for Antimicrobial Pesticides](#).¹⁹

List N: Disinfectants for Use Against SARS-CoV-2

On Thursday March 5, 2020, the [U.S. Environmental Protection Agency \(EPA\)](#)²⁰ released a list of EPA-registered disinfectant products that have been qualified for use against SARS-CoV-2, the novel coronavirus responsible for COVID-19. Since the date of original publication, this list of disinfectant products has been updated several times, and the EPA has been publishing a revised list each week since mid-March which includes additional disinfectants which have been approved.

This list of disinfectant products, also referred to as [List N: Disinfectants for Use Against SARS-CoV-2](#),²¹ includes products which have submitted data to EPA to show that they are effective against viruses which are harder to kill than SARS-CoV-2. The products on this initial list have been selected because they are amongst the first to be recognized by the [EPA's Emerging Viral Pathogens Guidance](#),²² or because they have demonstrated effectiveness against previous strains of coronavirus.

Why Emerging Viral Pathogen Guidance

The EPA developed and finalized this [Emerging Viral Pathogen Guidance](#)²³ in 2016 as a result of growing public health concerns in the United States and globally about response to emerging pathogens, and the fact that pre-existing EPA-registered disinfectant product labels are not able to make any specific claims against a new and previously unidentified viral pathogen.

Because it is not possible to predict the occurrence of any particular emerging viral pathogen, and because any new pathogen is most likely unavailable for testing right away, few, if any EPA-registered disinfectant product labels have typically been able to specify use against a new category of infectious agents. And because testing the efficacy of an EPA-registered disinfectant against a new emerging pathogen can be difficult to accomplish in a timely manner, the Emerging Viral Pathogen Guidance was intended to allow for a more rapid response in the event of an outbreak.

The Emerging Viral Pathogen Guidance outlines a voluntary pre-approval process for making claims against emerging viral pathogens, and in the event of an outbreak, companies with pre-approved products can make off-label claims in technical literature, non-label-related websites, and social media.

Criteria for Disinfectants to Make Claims Against Emerging Viral Pathogens

In order to be eligible to be included on this list of disinfectants which can make claims against an emerging viral pathogen, the product should meet both of the following criteria:

1. The product is an [EPA-registered](#),²⁴ hospital/healthcare or broad-spectrum disinfectant with directions for use on hard, porous, or non-porous surfaces.
2. The currently accepted product label (from an EPA registered product as described above in bullet point 1) should have disinfectant efficacy claims against at least one of the following viral pathogen groupings:
 - A product should be approved by EPA to inactivate at least one large or one small non-enveloped virus **to be eligible for use against an enveloped emerging viral pathogen.**
 - A product should be approved by EPA to inactivate at least one small, non-enveloped virus **to be eligible for use against a large, non-enveloped emerging viral pathogen.**
 - A product should be approved by EPA to inactivate at least two small, non-enveloped viruses with each from a different viral family **to be eligible for use against a small, non-enveloped emerging viral pathogen.**

Viral Subgroup Classification

This approach which considers the viral subgroup classification was taken because the EPA and the Centers for Disease Control and Prevention (CDC) recognize that certain microorganisms can be ranked with respect to their tolerance to chemical disinfectants. The [Spaulding Classification Model](#)²⁵ is used by CDC and it tiers microorganisms in accordance with the level of resistance to being killed (or inactivated) by typical disinfectant products. With this approach viruses are divided into three viral subgroups based on their relative resistance to inactivation. According to this hierarchy, if an antimicrobial product can kill a small, non-enveloped virus, it should be able to kill any large non-enveloped virus or any enveloped virus. Similarly, a product that can kill a large non-enveloped virus should be able to kill any enveloped virus. As described in the EPA Emerging Pathogen Guidance to Registrants,²³ here is an overview of the three viral subgroups:

Small Non-Enveloped Viruses: these viruses can be highly resistant to inactivation by disinfectants. Despite the lack of a lipid envelope, these organisms have a very resistant protein capsid.

Large Non-Enveloped Viruses: these viruses are less resistant to inactivation than small non-enveloped viruses. Although they have a resistant protein capsid, their larger size makes them more vulnerable to inactivation than a small non-enveloped virus.

Enveloped Virus: these viruses are the least resistant to inactivation by disinfectants. The structure of these viruses includes a lipid envelope which is easily compromised by most disinfectants. Once the lipid envelope is damaged, the integrity of the virus is compromised, thereby neutralizing its infectivity.

As summarized in an article in [Infection Control Today](#),²⁶ the general idea of the EPA's Emerging Viral Protection Guidance is that in order for a disinfectant to be considered effective against an emerging viral pathogen, it must demonstrate efficacy – in other words, have an EPA-approved claim – against viruses that are harder to kill than the specific emerging pathogen in question.

The SARS-CoV-2 virus which is responsible for COVID-19 is an enveloped virus and therefore it is the easiest virus to inactivate. An EPA-registered broad-spectrum hospital-grade disinfectant with a claim against at least one large non-enveloped virus or one small non-enveloped virus can be expected to be effective at inactivating an enveloped virus.

Selecting the Right Disinfectant Product

As referenced on the [EPA website](#),²¹ the List N: Disinfectants for Use Against SARS-CoV-2 is not an exhaustive list of disinfectant products which can be used to inactivate the new strain of coronavirus, “there may be additional disinfectants that meet the criteria for use against SARS-CoV-2”, and the EPA is expediting review of submissions to identify additional disinfectant products which can potentially be used due to the outbreak of the novel coronavirus.²¹

Each of these products listed on pages 18 and 19 meets the criteria to qualify for the emerging viral pathogen claim for an enveloped virus, and each has been submitted following [EPA's guidance for expedited emerging viral pathogens claim submissions](#).²⁷



Confirming A Disinfectant Product Is On The EPA List N

Just to reiterate, at this time there is not a product which can make a specific claim to be effective against SARS-CoV-2, the virus responsible for COVID-19. However, as referenced before the EPA has published a list of disinfectants,²¹ also known as List N: Disinfectants for Use Against SARS-CoV-2, which meet the EPA's criteria for use against this new strain of coronavirus based upon the disinfectant product satisfying at least one of the following two criteria:

1. The disinfectant product has an applicable Emerging Viral Pathogen claim
2. The disinfectant product has a Human Coronavirus claim

This List N has been a helpful resource to identify disinfectant products which can be used as part of a cleaning and disinfecting regimen to combat the current pandemic. However, if the list on the EPA website is searched using the product name only (for example "WAXIE HP Disinfectant Cleaner" or even just "WAXIE Disinfectant"), it may appear that the product you are looking for is not included on this list. This circumstance can be a potential source of confusion and alarm, but please be aware that the easiest way to find a product on the list is to enter the first two sets of its EPA registration number in the search bar on the webpage in order to confirm whether or not a specific disinfectant is in fact on the list.

The EPA has provided the following guidance for consumers searching on List N, "When purchasing a product, check if its EPA registration number is included on this list. If it is, you have a match and the product can be used against SARS-CoV-2. You can find this number on the product label – just look for the EPA Reg. No. These products may be marketed and sold under different brand names, but if they have the same EPA registration number, they are the same product."²¹

For example, the EPA Reg. No. for WAXIE HP Disinfectant Cleaner is "45745-11-14994". Please see image below taken from EPA website displaying the search result for EPA Reg. No. "45745-11", which is the first two sets of numbers in the EPA Reg. No. for this WAXIE brand product.

Please note that the "45745" in the EPA registration number is a reference to the company which provides the active ingredient used to make the disinfectant (in this case the active ingredient is "hydrogen peroxide", and the company which makes this ingredient is "Midlab"), and the "11" is a reference to the specific product or formula which is made using these raw materials (which Midlab calls "HP202").

Other helpful information on this list on the EPA website includes guidance on what directions to follow when using the product – for example, for the WAXIE HP Disinfectant Cleaner, the applicable directions to use when trying to inactivate the SARS-CoV-2 virus would be the same directions on the master label to use to kill "Rotavirus; Norovirus; Rhinovirus", with a recommended contact time of "5 minutes".

List N was last updated on April 2, 2020.

Search: Show entries

List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2

EPA Registration Number	Active Ingredient(s)	Product Name	Company	Follow the disinfection directions and preparation for the following virus	Contact Time (in minutes)	Formulation Type	Surface Types for Use	Use Site	Emerging Viral Pathogen Claim?	Date Added to List N
45745-11	Hydrogen peroxide	HP202	Midlab	Rotavirus; Norovirus; Rhinovirus	5	Dilutable	Hard nonporous	Healthcare; Institutional	Yes	03/26/2020

Showing 1 to 1 of 1 entries (filtered from 357 total entries) Previous Next

Image: EPA Website, List N Search for WAXIE HP Disinfectant Cleaner

Reading A WAXIE Brand Disinfectant Product Label

For a list of WAXIE brand disinfectant products which are on EPA's List N and their associated EPA registration numbers, please refer to pages 16 and 17 in this guide. Please note that the additional "14994" at the end of the first two sets of numbers of the EPA registration number for each WAXIE brand product is a reference to WAXIE's sub-registration number for that particular product, and that in each instance the formula for the WAXIE brand product is the same as the formula for the master label which is included on the EPA List N.

To view this EPA registration number information on the WAXIE product label, please see example below for WAXIE HP Disinfectant Cleaner:



Image: WAXIE HP Disinfectant Label, WAXIE Item #170058

Please note that the EPA registration number for each disinfectant product is referenced on every label and secondary label for WAXIE brand disinfectant products, and this information may also be found when searching for each product in the [WAXIE Product Catalog](#), as well as the [WAXIE Online Catalog](#) and the associated [WAXIE Spec Sheets](#) for each disinfectant.

In addition, your WAXIE Account Consultant or Chemical Specialist are also great resources to help answer any questions you may have regarding disinfectants, other cleaning chemicals, and hand hygiene.

Facility Surface Cleaning and Disinfecting

Once effective hand hygiene best practices have been implemented, and the appropriate disinfectant product for your facility has been identified, the next step to maintaining a clean and healthy building environment is through effective surface cleaning and disinfecting.

It is recommended that your custodial team evaluate and implement measures to minimize the potential transmission of the viruses via hard surfaces through good sound cleaning and disinfecting procedures, with a focus on areas which may have the greatest likelihood of potential environmental contamination such as restrooms, food preparation areas and high touch surfaces.

High touch surfaces in your facility to focus on may include:

- Door handles and knobs
- Light switches
- Hand rails
- Elevator buttons
- Phones
- Sinks and faucets
- Restroom stalls and dispensers
- Vending machines
- Food preparation surfaces
- Breakroom, restaurant and cafe tables and chairs
- Microwave, refrigerator and kitchen appliance handles
- Coffee machines
- Copier, printer and fax control buttons
- Cabinet and file drawer handles
- Hand rails
- Chair arms
- Desks
- Counter tops
- Front desk and lobby surfaces
- Equipment controls
- Wheelchairs and walkers
- Computer keyboards and mouse
- Remote controls
- Recreation equipment



Disinfectant Guidelines

When using a disinfectant, it is critical to make sure that the proper products have been selected for your building surfaces and anticipated soils, and that your custodial crew has been properly trained on the use of the chemicals, tools and equipment provided. Some helpful tips to consider include:

- **Train your custodial staff:** Disinfectants are designed to kill (they have toxic properties and are listed as pesticides), and as such care should be taken when determining the appropriate amount of disinfectant to use, and the appropriate surfaces on which to use it. Focus should be on applying disinfectant to potential high touch surfaces, and staff should be trained on proper dilution, application, recommended Personal Protective Equipment (PPE), surface rinsing, disinfectant chemical disposal and clean up as prescribed on the selected disinfectant label.
- **Clean the surface first:** Disinfectants primary purpose is to kill microorganisms, and as such they are typically not as good at cleaning surfaces as a general purpose cleaning chemical. While there are some one-step cleaner/disinfectants available, it is necessary to use a general purpose or bioactive cleaner or degreaser to pre-clean heavily soiled areas – and it is helpful to note that using microfiber cleaning cloths and mops also assist to increase the efficacy of the cleaning chemical in removing soils on building surfaces. Cleaning equipment such as the WAXIE VERSA Cleaning Caddy are also extremely effective at removing soils from building surfaces prior to disinfecting.
- **Select the appropriate disinfectant:** There are a plethora of disinfectants on the market in a variety of different packages, and it is important to note the listed kill claims on your selected disinfectant so that you can be sure that the product will be effective for the specific circumstances and pathogens in your building. Also take note of compatibility of the disinfectant with your building surfaces – some products are not intended for use on certain surfaces and may either damage surfaces or have decreased efficacy.
- **Read the disinfectant label instructions:** Once the appropriate disinfectant has been selected, follow the instructions listed on the label to ensure proper usage. If the product is a concentrate, make sure to dilute at the recommended amounts, and apply to surfaces as described, using recommended Personal Protective Equipment (PPE).
- **Ensure that the disinfectant has enough surface contact dwell time:** Depending on the specific disinfectant and desired pathogen kill, there will be a range of dwell time which will be needed to ensure that the surfaces have been effectively disinfected. Some contact times are as long as 10 minutes (although some are as short as 30 seconds to 1 minute), and it is imperative that the disinfectant solution remain wet and active on the surface for the prescribed amount of time in order to ensure that the targeted pathogens have been successfully eliminated.

What's the difference between a cleaner and a disinfectant?²⁸

Cleaners are chemical products used to remove soil, dirt, dust, organic matter, and germs. Disinfectants are chemical products that destroy or deactivate germs – disinfectants typically have no effect on dirt, soil or dust.

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HAND HYGIENE

Item #	Product	Pack	Type
WAXIE Select™ NRG™ No-Touch Foam Handwash Dispensing System featuring Battery-on-the-Refill Technology			
380079	WAXIE Select™ NRG™ No-Touch Clear & Mild Foam Handwash	2/1200ml / cs	Hand Soap
380104	WAXIE Select™ NRG™ No-Touch Pomeberry Foam Handwash	2/1200ml / cs	Hand Soap
380081	WAXIE Select™ NRG™ No-Touch Boost™ Foam Handwash	2/1200ml / cs	Hand Soap
380119	WAXIE Select™ NRG™ No-Touch Dispenser, 1200ml White	ea	Dispenser
380122	WAXIE Select™ NRG™ No-Touch Dispenser, 1200ml Brushed Metallic/Black	ea	Dispenser
380123	WAXIE Select™ NRG™ No-Touch Dispenser, 1200ml Black	ea	Dispenser
WAXIE Select™ No-Touch Foam Handwash Dispensing System			
380076	WAXIE Select™ No-Touch Clear & Mild Foam Handwash	2/1200ml / cs	Hand Soap
380078	WAXIE Select™ No-Touch Pomeberry Foam Handwash	2/1200ml / cs	Hand Soap
380077	WAXIE Select™ No-Touch Boost™ Foam Handwash	2/1200ml / cs	Hand Soap
380108	WAXIE Select™ NRG™ No-Touch Dispenser, 1200ml White	ea	Dispenser
380109	WAXIE Select™ NRG™ No-Touch Dispenser, 1200ml Brushed Metallic/Black	ea	Dispenser
380124	WAXIE Select™ NRG™ No-Touch Dispenser, 1200ml Black	ea	Dispenser
WAXIE Select™ Manual Foam Handwash Dispensing System			
385850	WAXIE Select™ Manual Cranberry Pink Lotion Foam Handwash	3/1250ml / cs	Hand Soap
385880	WAXIE Select™ Manual Green Certified Foam Handwash	3/1250ml / cs	Hand Soap
380075	WAXIE Select™ Manual Boost™ Foam Handwash	3/1250ml / cs	Hand Soap
385860	WAXIE Antibacterial Foam Handwash	3/1250ml / cs	Hand Soap
385870	WAXIE Select™ Manual Foam Hand, Hair and Body Wash	3/1250ml / cs	Hand/Hair/Body Soap
380105	WAXIE Select™ Manual Dispenser, 1250ml White	ea	Dispenser
380106	WAXIE Select™ Manual Dispenser, 1250ml Brushed Metallic/Black	ea	Dispenser
380107	WAXIE Select™ Manual Dispenser, 1250ml Black	ea	Dispenser



HAND HYGIENE

Item #	Product	Pack	Type
WAXIE Clean & Soft® Roll Towel System			
850555	WAXIE Clean & Soft® #3900 White No-Touch Roll Towels	900'rl : 8 rl / cs	Roll Towel
850556	WAXIE Clean & Soft® #3000 Natural No-Touch Roll Towels	900'rl : 8 rl / cs	Roll Towel
850075	WAXIE-Green White No-Touch Roll Towels	900'rl : 6 rl / cs	Roll Towel
850598	WAXIE Clean & Soft™ #4800 Premium White No-Touch Roll Towels	800'rl : 6 rl / cs	Roll Towel
850554	WAXIE Clean & Soft® Electronic No-Touch System Dispenser	ea	Dispenser
850593	WAXIE Clean & Soft® Manual No-Touch System Dispenser	ea	Dispenser
850640	WAXIE Clean & Soft® Quick Touch System Dispenser	ea	Dispenser



HAND HYGIENE

Item #	Product	Pack	Type
PURELL® ES8 Hand Sanitizer Dispensing System featuring Battery-on-the-Refill Technology			
389812	7754-02 PURELL® ES8 Professional Advanced Hand Sanitizer Foam	2/1200ml / cs	Hand Sanitizer
380073	7720-01 PURELL® ES8 Hand Sanitizer Dispenser, White	ea	Dispenser
380074	7724-01 PURELL® ES8 Hand Sanitizer Dispenser, Graphite	ea	Dispenser
PURELL® ES6 Touch-Free Hand Sanitizer Dispensing System			
389807	6453-02 PURELL® ES6 Professional Advanced Hand Sanitizer Foam	2/1200ml / cs	Hand Sanitizer
389815	6462-02 PURELL® ES6 Professional Advanced Hand Sanitizer Gel	2/1200ml / cs	Hand Sanitizer
380071	6420-01 PURELL® ES6 Hand Sanitizer Dispenser, White	ea	Dispenser
380072	6424-01 PURELL® ES6 Hand Sanitizer Dispenser, Graphite	ea	Dispenser
389816	7316-DS-SLV PURELL® ES6 Messenger™ Graphite Panel Floor Stand with Dispenser	ea	Dispenser
PURELL® ES4 Manual Hand Sanitizer Dispensing System			
389806	5054-02 PURELL® ES4 Professional Advanced Hand Sanitizer Foam	2/1200ml / cs	Hand Sanitizer
389814	5062-02 PURELL® ES4 Professional Advanced Hand Sanitizer Gel	2/1200ml / cs	Hand Sanitizer
380069	5020-01 PURELL® ES4 Hand Sanitizer Dispenser, White	ea	Dispenser
380070	5024-01 PURELL® ES4 Hand Sanitizer Dispenser, Graphite	ea	Dispenser
PURELL® ES Everywhere Hand Sanitizer System			
381632	PURELL® ESTM Everywhere System #1450-06 Advanced Instant Hand Sanitizer Gel	6/450ml / cs	Hand Sanitizer
381631	PURELL® ESTM Everywhere System #1450-DS Starter Kit Base with Refill Advanced Instant Hand Sanitizer Gel	8 / cs	Hand Sanitizer



HAND HYGIENE

Item #	Product	Pack	Type
PURELL® Instant Hand Sanitizer Bottles			
390004	PURELL® #3901-2C-250 Instant Hand Sanitizer, 1 oz Bottle	ea : 250 / cs	Hand Sanitizer
381713	PURELL® #9606-24 Advanced Formula Instant Hand Sanitizer, 2 oz Bottle	ea : 24 / cs	Hand Sanitizer
381610	PURELL® #9651-24 Advanced Formula Instant Hand Sanitizer Gel, 4 oz Bottle	ea : 24 / cs	Hand Sanitizer
385710	PURELL® #9691-12 Advanced Green Certified Instant Hand Sanitizer Gel, 8 oz Pump	ea : 12 / cs	Hand Sanitizer
381665	PURELL® #9652-12 Advanced Formula Instant Hand Sanitizer Gel, 8 oz Pump	ea : 12 / cs	Hand Sanitizer
381781	PURELL® #9674-12 Advanced Formula Instant Hand Sanitizer Gel with Aloe, 8 oz Pump	ea : 12 / cs	Hand Sanitizer
385711	PURELL® #3691-12 Advanced Green Certified Instant Hand Sanitizer Gel, 12 oz Pump	ea : 12 / cs	Hand Sanitizer
381780	PURELL® #9639-12 Advanced Formula Instant Hand Sanitizer Gel with Aloe, 12 oz Pump	ea : 12 / cs	Hand Sanitizer
385716	PURELL® #5791-04 535ml Green Certified Instant Hand Sanitizer Foam, 535 ml Pump	ea : 4 / cs	Hand Sanitizer
381784	PURELL® #9625-04 Instant Hand Sanitizer, 2L Pump	ea : 4 / cs	Hand Sanitizer
381603	PURELL® #9624-24 FST™ Military Bottle, 3 oz Bottle	ea : 24 / cs	Hand Sanitizer
PURELL® Instant Hand Sanitizer Single Use			
390005	9620-12-125CT PURELL® Advanced Hand Sanitizer, Single Use in Display Box (125/bx)	125/bx - 12bx / cs	Hand Sanitizer
PURELL® Hand Sanitizing Wipes			
381682	9022-10 PURELL® Hand Sanitizing Wipes, Individually Wrapped (100/bx)	100/bx - 10bx / cs	Hand Sanitizer
381694	9113-06 PURELL® Hand Sanitizing Wipes, Non-Alcohol Formula, Tub (270 Count)	270/ tb - 6 tb/ cs	Hand Sanitizer
381704	9111-12 PURELL® Hand Sanitizing Wipes, Non-Alcohol Formula, Tub (100 Count)	100/ tb - 12 tb/ cs	Hand Sanitizer
381669	9031-06 PURELL® Hand Sanitizing Wipes, Alcohol Formula, Tub (175 Count)	175/ tb - 6 tb/ cs	Hand Sanitizer
381668	9030-12 PURELL® Hand Sanitizing Wipes, Alcohol Formula, Tub (80 Count)	80/ tb - 12 tb/ cs	Hand Sanitizer



Wellness and Response Guide

SURFACE CLEANING & DISINFECTING CHEMICALS						
Item #	Product	Pack	Disinfectant Type	EPA Registration	Dilution	Contact Time Required for Referenced Virus
WAXIE Brand Disinfectants						
170700	WAXIE Solsta 764 Lemon Quat Disinfectant Cleaner	3L - 4/cs	Quat	1839-169-14994	2 oz / gl	10 minutes*
170394	WAXIE 764 Lemon Quat Disinfectant Cleaner	4 gl / cs	Quat	1839-169-14994	2 oz / gl	10 minutes*
170401	WAXIE Solsta 710 Multi-Purpose Disinfectant Cleaner	3L - 4/cs	Quat	1839-167-14994	1 oz / gl	10 minutes*
170200	WAXIE Solsta 320 Disinfectant Bathroom Cleaner	3L - 4/cs	Quat	1839-168-14994	4 oz / gl	10 minutes*
170284	WAXIE Spring Clean Disinfectant Cleaner	4 gl / cs	Quat	1839-168-14994	4 oz / gl	10 minutes*
170300	WAXIE Solsta 700 Disinfectant Cleaner	3L - 4/cs	Quat	1839-166-14994	1 oz / gl	10 minutes*
170304	WAXIE Quat-128 Disinfectant Cleaner	4 gl / cs	Quat	1839-166-14994	1 oz / gl	10 minutes*
170302	WAXIE Quat-128 Disinfectant Cleaner	5 gl / dm	Quat	1839-166-14994	1 oz / gl	10 minutes*
171200	WAXIE EDC 70 HP Disinfectant Cleaner	.5 gl - 4/cs	Hydrogen Peroxide	45745-11-14994	2 oz/ gl	5 minutes**
170059	WAXIE Solsta 730 HP Disinfectant Cleaner	3L - 4/cs	Hydrogen Peroxide	45745-11-14994	2 oz / gl	5 minutes**
170058	WAXIE HP Disinfectant Cleaner	4 gl / cs	Hydrogen Peroxide	45745-11-14994	2 oz / gl	5 minutes**
1030090	WAXIE DBBC Disinfectant Bathroom & Bowl Cleaner	12 qt / cs	Quat	10324-85-14994	RTU	10 minutes *****
1030094	WAXIE DBBC Disinfectant Bathroom & Bowl Cleaner	4 gl / cs	Quat	10324-85-14994	RTU	10 minutes *****
170018	WAXIE Germicidal Ultra Bleach	3 gl / cs	Bleach	70271-13-14994	6 oz / gl	5 minutes***
170831	WAXIE Solsta 910 Finale FS No Rinse Sanitizer (Bottle Fill Mode Only)	3L - 4/cs	Quat	1839-86-14994	0.7 oz / gl	10 minutes****
170814	WAXIE 910 Finale FS No Rinse Sanitizer	4 gl / cs	Quat	1839-86-14994	0.7 oz / gl	10 minutes****
PURELL® Surface Disinfectants						
170046	PURELL® Professional Surface Disinfectant	6 qt / cs	Ethyl Alcohol	84368-1-84150	RTU	30 seconds****
170055	PURELL® Professional Surface Disinfectant	4 gl / cs	Ethyl Alcohol	84368-1-84150	RTU	30 seconds****

* Effective against Human Coronavirus, Porcine Respiratory & Reproductive Syndrome Virus (PRRSV), Rotavirus, and SARS associated coronavirus, and included on List N: EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2, the Cause of COVID-19

** Effective against Norovirus, Rotavirus, and Rhinovirus Type 37, and included on List N: EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2, the Cause of COVID-19

*** Effective against Human Coronavirus, Rotavirus, and Rhinovirus Type 37, and included on List N: EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2, the Cause of COVID-19

**** Effective against Human Coronavirus, Rotavirus, and Rhinovirus, and included on List N: EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2, the Cause of COVID-19

***** Effective against Coronavirus, and included on List N: EPA's Registered Antimicrobial Products for Use Against Novel Coronavirus SARS-CoV-2, the Cause of COVID-19

SURFACE CLEANING & DISINFECTING CHEMICALS

Item #	Product	Pack	Disinfectant Type	EPA Registration	Dilution	Contact Time Required for Referenced Virus
Purell Surface Disinfectants						
170054	PURELL® Foodservice Surface Disinfectant	6 qt / cs	Ethyl Alcohol	84368-1-84150	RTU	30 seconds****
170038	PURELL® Foodservice Surface Disinfectant	4 gl / cs	Ethyl Alcohol	84368-1-84150	RTU	30 seconds****
170047	PURELL® Healthcare Surface Disinfectant	6 qt / cs	Ethyl Alcohol	84368-1-84150	RTU	30 seconds****
170039	PURELL® Healthcare Surface Disinfectant	4 gl / cs	Ethyl Alcohol	84368-1-84150	RTU	30 seconds****
EvaClean PURTABS and PUR:ONE Tablets						
170152	PURTABS	3.3 g – 600/tb 6 tb/cs	NaDCC	71847-6-91524	(4) 3.3 g tabs / qt w/ Protexus Sprayer	1 minute*****
170186	PUR:One Tabs	3.3 g – 100/bx 5 bx/cs	NaDCC	84368-1-84150	(4) 3.3 g tabs / qt w/ Protexus Sprayer	30 seconds*****



SURFACE CLEANING & DISINFECTING EQUIPMENT

Item #	Product	Pack	Power	Type	Notes
WAXIE VERSA High Performance Cleaning Caddy					
577535	WAXIE VERSA High Performance Cleaning Caddy	ea	Electric	Sprayer, Cleaner and Wet/Dry Vac	17 Gallon
577537	WAXIE VERSA II High Performance Cleaning Caddy	ea	Electric	Sprayer, Cleaner and Wet/Dry Vac	12 Gallon
EvaClean Protexus Electrostatic Sprayer					
577947	Protexus Handheld Cordless Electrostatic Sprayer	ea	Battery	Electrostatic Sprayer	For use with EvaClean PURTABS and PUR:One Tabs
577946	Protexus Backpack Cordless Electrostatic Sprayer	ea	Battery	Electrostatic Sprayer	For use with EvaClean PURTABS and PUR:One Tabs

APPLICATION TOOLS & ACCESSORIES

Item #	Product	Pack	Size	Type
WAXIE Multi-Task Wipes and Bucket System - for use with any disinfectant cleaner				
1033704	WAXIE Multi-Task Wipes Bucket and Lid	3 gallon 4 ea / cs	3 lbs	Wiping System
1033703	WAXIE Multi-Task Wipes	100 / rl : 6 rl / cs	3 lbs	Wiping System
WAXIE Microfiber Cloths				
770400	WAXIE Microfiber Terry Cloth, Blue	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
770401	WAXIE Microfiber Terry Cloth, Green	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
770402	WAXIE Microfiber Terry Cloth, Pink	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
770403	WAXIE Microfiber Terry Cloth, Yellow	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
770404	WAXIE Microfiber Terry Cloth, Purple	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
770505	WAXIE Microfiber Terry Cloth, Red	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
777003	WAXIE Microfiber Terry Cloth, Orange	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
777004	WAXIE Microfiber Terry Cloth, Gray	12 / dz : 15 dz / cs	16"x16"	Microfiber Cloth
Trigger Sprayers and Bottles				
890040	WAXIE Trigger Sprayer for 24 or 32 oz Bottle	24-32 oz	ea	Trigger Sprayer
890045	WAXIE Bottle 24 oz	24 oz	ea	Spray Bottle
890050	WAXIE Bottle 32 oz	32 oz	ea	Spray Bottle



Wellness and Response Guide

PERSONAL PROTECTIVE EQUIPMENT - SAFETY GLASSES AND KITS

Item #	Product	Pack	Size	Type	Color
ProGuard® Safety Glasses and Goggles					
791360	ProGuard® Standard Series Safety Glasses	ea	Fits All	Safety Glasses	Clear/Brown
799322	ProGuard® Fit 810 Series Safety Glasses	ea	Fits All	Safety Glasses	Clear/Clear
799323	ProGuard® 8600 Series Safety Glasses	ea : 12 / bx	Fits All	Safety Glasses	Gray/Gray
791350	ProGuard® 808 Series Safety Goggles	ea	Fits All	Safety Goggles	Clear/Clear
Emergency Cleanup and SOS Lockdown Kits					
910720	WAXIE Emergency Cleanup Kits	ea : 5 ea / bx	Kit	OSHA Bloodborne Pathogens Cleanup	
799201	SOS Classroom Lockdown Kits	ea	5GL	Portable Toilet Kit	



PERSONAL PROTECTIVE EQUIPMENT - MASKS

Item #	Product	Pack	Size	Type	Color
Face Masks					
790630	7300B Disposable Dust Mask	600 / cs	One Size	Dust Mask	White
790610	3-Ply Face Mask With Ear Loops	1000 / cs	One Size	Face Mask	Light Blue
792362	7312B Disposable Dust & Mist Mask With N95 Rated Respirators	20 / bx : 12 bx / cs	One Size	Dust & Mist Mask With Respirator	White
792363	7314B Disposable Dust & Mist Mask With N-95 Rated Respirators and Exhalation Valve	10 / bx : 12 bx / cs	One Size	Dust & Mist Mask With Respirator and Exhalation Valve	White
792352	3M 8210 N-95 Respirator Mask	20 / bx : 8 bx / cs	One Size	Respirator Mask	White

PERSONAL PROTECTIVE EQUIPMENT - GLOVES

Item #	Product	Pack	Size	Type	Color
WAXIE-Shield Powder-Free Nitrile Exam Gloves					
790072	WAXIE-Shield W8645 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	Small	Nitrile - Exam	Blue
790071	WAXIE-Shield W8645 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	Medium	Nitrile - Exam	Blue
790069	WAXIE-Shield W8645 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	Large	Nitrile - Exam	Blue
790073	WAXIE-Shield W8645 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	X-Large	Nitrile - Exam	Blue
790370	WAXIE-Shield W8641 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	Small	Nitrile - Exam	White
790371	WAXIE-Shield W8641 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	Medium	Nitrile - Exam	White
790372	WAXIE-Shield W8641 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	Large	Nitrile - Exam	White
790373	WAXIE-Shield W8641 Powder-Free Nitrile Exam Gloves	100 / bx : 10 bx / cs	X-Large	Nitrile - Exam	White
WAXIE-Shield Powder-Free Nitrile General Purpose Gloves					
791250	WAXIE-Shield W8644 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Small	Nitrile - General Purpose	Blue
791255	WAXIE-Shield W8644 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Medium	Nitrile - General Purpose	Blue
791260	WAXIE-Shield W8644 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Large	Nitrile - General Purpose	Blue
791265	WAXIE-Shield W8644 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	X-Large	Nitrile - General Purpose	Blue
790150	WAXIE-Shield W8643 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Small	Nitrile - General Purpose	White
790151	WAXIE-Shield W8643 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Medium	Nitrile - General Purpose	White
790152	WAXIE-Shield W8643 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Large	Nitrile - General Purpose	White
790153	WAXIE-Shield W8643 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	X-Large	Nitrile - General Purpose	White
790380	WAXIE-Shield W8642 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Small	Nitrile - General Purpose	Black
790381	WAXIE-Shield W8642 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Medium	Nitrile - General Purpose	Black
790382	WAXIE-Shield W8642 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	Large	Nitrile - General Purpose	Black
790383	WAXIE-Shield W8642 Powder-Free Nitrile General Purpose Gloves	100 / bx : 10 bx / cs	X-Large	Nitrile - General Purpose	Black

PERSONAL PROTECTIVE EQUIPMENT - GLOVES

Item #	Product	Pack	Size	Type	Color
WAXIE-Shield Powder-Free Latex Exam Gloves					
791950	WAXIE-Shield W8622 Powder-Free Latex Exam Gloves	100 / bx : 10 bx / cs	Small	Latex - Exam	Natural
791955	WAXIE-Shield W8622 Powder-Free Latex Exam Gloves	100 / bx : 10 bx / cs	Medium	Latex - Exam	Natural
791960	WAXIE-Shield W8622 Powder-Free Latex Exam Gloves	100 / bx : 10 bx / cs	Large	Latex - Exam	Natural
791965	WAXIE-Shield W8622 Powder-Free Latex Exam Gloves	100 / bx : 10 bx / cs	X-Large	Latex - Exam	Natural
WAXIE-Shield Powder-Free Latex General Purpose Gloves					
791850	WAXIE-Shield W8625 Powder-Free Latex General Purpose Gloves	100 / bx : 10 bx / cs	Small	Latex - General Purpose	Natural
791855	WAXIE-Shield W8625 Powder-Free Latex General Purpose Gloves	100 / bx : 10 bx / cs	Medium	Latex - General Purpose	Natural
791860	WAXIE-Shield W8625 Powder-Free Latex General Purpose Gloves	100 / bx : 10 bx / cs	Large	Latex - General Purpose	Natural
791865	WAXIE-Shield W8625 Powder-Free Latex General Purpose Gloves	100 / bx : 10 bx / cs	X-Large	Latex - General Purpose	Natural



FACIAL TISSUE

Item #	Product	Pack	Size
WAXIE Brand Facial Tissue			
851504	WAXIE Select™ 2-Ply White Premium Facial Tissue, Flat Box	100 sheet / bx : 30 bx / cs	Facial Tissue
851443	WAXIE 5100 Clean & Soft™ White 2-Ply Facial Tissue, Flat Box	100 sheet / bx : 30 bx / cs	Facial Tissue
851435	WAXIE-Green 8100 White 2-Ply Facial Tissue, Flat Box	110 sheet / bx : 30 bx / cs	Facial Tissue
851505	WAXIE Select™ 2-Ply White Premium Facial Tissue, Cube Box	85 sheet / bx : 36 bx / cs	Facial Tissue
851433	WAXIE 5096 Clean & Soft™ White 2-Ply Facial Tissue, Cube Box	96 sheet / bx : 36 bx / cs	Facial Tissue



WHAT WE DO & WHY WE'RE DIFFERENT

Ongoing Service And Support

WAXIE has been the experts in clean since 1945, and we are committed to helping our customers keep their facilities cleaner, healthier, greener and safer. That means creating customized cleaning solutions to meet your specific needs, and then providing the ongoing training and support to help you achieve a cleaner and healthier building environment at the best value and total lowest cost.

And because the WAXIE organization has been purpose-built from the ground up to serve and provide ongoing support for those who are responsible for delivering clean and healthy buildings, you can count on WAXIE to come through with the cleaning industry-specific help you need, when you need it.

Whether it's an onsite cleaning consultation, a timely equipment repair, a bilingual training session, or an introduction to the latest laborsaving cleaning innovation and technology, we have proven the extent of our dedication to our customers and the cleaning industry time and again. Test us out and we'll prove it to you.

DISCOVER THE WAXIE DIFFERENCE

The Most Trusted Name In Clean. Since 1945.

WAXIE understands that you need to provide a clean, fresh and healthy experience for visitors to your property at the total lowest cost. WAXIE delivers innovative cleaning solutions, along with other facility maintenance supplies combined with industry-specific expertise and consultation that contribute to lower operating costs, enhanced public image and cleaner surfaces, all while helping you create a favorable building occupant experience.

WAXIE has Inventory Centers strategically located throughout the Western United States to serve you. WAXIE is also a member-owner of Network Services Company, a streamlined and collaborative collection of the best independent distributors in the world providing an efficient and integrated approach to servicing large account portfolios.

Please contact your WAXIE Account Consultant today to schedule a consultation.



The Most Trusted Name In Clean. Since 1945.

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