



Dear Sir/Madam,

We appreciate the opportunity and your willingness to evaluate CleanCide Disinfectant Wipes. CleanCide provides users an alternative to bleach, alcohol, or QUAT based cleaners that can be harmful to users and the environment. CleanCide has the lowest safety rating allowable by the EPA, which means it poses the lowest risk to the health of employees, patients, or the environment. CleanCide is Citric Acid-based, which is a non-lung irritant and has excellent surface compatibility. It is tough on germs and bacteria but gentle on surfaces, medical devices, and users. CleanCide provides all the benefits of an EPA approved List N disinfectant without the risk of traditional chemicals.

To aid in your evaluation of CleanCide, we have provided the following information:

- CleanCide FAQ
- CleanCide Enhancement Roadmap -
  - Outlines our planned enhancements and improvements to kill claims
- CleanCide Surface Compatibility List

If you have any questions or need clarification, do not hesitate to reach out. Thanks again for your time and attention when evaluating our product.

## CleanCide Wipes FAQs

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Below are a few frequently asked questions that users have when switching to Wexford Labs CleanCide Disinfectant Wipes.

### **What is the benefit of using Wexford Labs CleanCide disinfecting products?**

CleanCide has the lowest safety rating allowable by the EPA, which means it poses the lowest risk to the health of employees, patients, students, customers, or to the environment. CleanCide is Citric Acid-based, which is a non-lung irritant and has excellent surface compatibility. It is tough on germs and bacteria but gentle on surfaces and users. CleanCide provides all the benefits of an EPA approved List N disinfectant without the risk of traditional chemicals.

### **Can I clean and disinfect in one step?**

Yes, when used according to disinfection instructions. Our disinfectants are tuberculocidal and tested with a 5% organic load on the surface to simulate real-life use. If there is visible debris/dirt, it is necessary to "pre-clean" to remove this before application because debris can be a physical barrier preventing contact with the organisms and preventing the product from working.

### **We are experiencing some residue or stickiness when we have switched over to CleanCide. Is that normal?**

If you recently switched to using CleanCide from a different disinfectant, you may notice a residue or stickiness. This is especially relevant if the last product you used was a quaternary ammonium-based disinfectant – known as a QUAT. After a few cleanings, CleanCide will lift and remove the old residue, and there should no longer be a stickiness. If a light layer of residue occurs, a quick rinse with water after the listed contact time should resolve this.

### **There is a temporary musty odor smell when I use CleanCide. Is that normal?**

If you recently switched to using CleanCide from a different disinfectant, you may notice a musty odor. That smell is CleanCide removing residue that has built up on the surface over time. This is especially true if the last product you used was a quaternary ammonium-based disinfectant – known as a QUAT. After a few cleanings, CleanCide will lift and remove the old residue, and there will no longer be a smell.

### **Do I need to rinse surfaces after using CleanCide?**

CleanCide ready to use liquid does not require a rinse after use, even on food contact surfaces. For CleanCide Wipes, rinsing with water is required only on food contact surfaces.

### **Does the product come in different scents?**

Currently, CleanCide comes with a meager (0.02%) of a *Fresh Clean Linen* fragrance. We limit the amount of added fragrance to our products to reduce the amount of volatile organic compounds (VOCs) in our products, which can be irritants.

We are also working on an updated fragrance that meets the EPA Safer Choice standard and will include odor-neutralizing technology. Odor neutralizing technology removes and neutralizes malodors in the air. We expect this to launch in Q4 of 2020.

### **What is the shelf life of CleanCide Wipes?**

All Wexford Labs products have the expiration date printed on the packaging next to the lot number.

The shelf life for CleanCide are:

- CleanCide wipes in a canister or tub – three (3) years
- CleanCide wipes in flow pack – two (2) years



## CleanCide Wipes Planned Enhancements

Wexford Labs is committed to continuous innovation for our customers by delivering product enhancements within our current product line while maintaining focus on new products that will deliver cleaner, safer, and sustainable disinfecting solutions now and into the future.

As you evaluate the CleanCide wipes, we have included a roadmap illustrating a few of our planned CleanCide Wipes enhancements and testing strategy. Within the next three to six months, we plan to improve product fragrance, lower our contact times to under 3 minutes on most viruses and bacteria, and receive the SARS-CoV-2 (cause of Coronavirus) claim.

### Fragrance Enhancements

We are in process of developing a new signature fragrance that meets the EPA Safer Choice standard and will include odor-neutralizing technology. Odor neutralizing technology removes and neutralizes malodors in the air. We expect this to launch in Q4 of 2020.

### Contact Time Enhancements

#### PENDING LABEL CLAIMS (Testing completed and submitted to EPA for addition to the label)

<b>3 MINUTES</b>	
Rhinovirus Type 14 (complete)	Strain 1059
Human Coronavirus (complete)	
SARS CoV-2 (submitted to lab / in-process)	

#### CLEANCIDE WIPES PLANNED EFFICACY TESTING

<b>3 MINUTES</b>	
Carbapenem-resistant Klebsiella pneumoniae	ATCC BAA-1705
Enterococcus faecalis Vancomycin Resistant VRE	ATCC 51575
Escherichia coli O157:H7	ATCC 43888
Listeria monocytogenes	ATCC 19117
Pseudomonas aeruginosa	ATCC 15442
Salmonella enterica (formerly Salmonella Choleraesuis)	ATCC 10708
Staphylococcus aureus	ATCC 6538
Staphylococcus aureus - MRSA	ATCC 33592
Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus)	Strain HTLV-III B
Feline Calicivirus (surrogate for Norovirus)	Strain F-9
Influenza A Virus	Strain Hong Kong H3N2
Respiratory Syncytial Virus	ATCC VR-26
Rotavirus	Strain WA, Univ. of Ottawa
Candida albicans	ATCC 10231
Trichophyton interdigitale, T.interdigitale	ATCC 9533

## CLEANCIDE WIPES CURRENT LABEL CLAIMS

EPA REGISTRATION NUMBER 34810-36

<b>BACTERICIDAL</b>	
Bactericidal activity (in the presence of 5% blood serum)	
<b>5 MINUTES</b>	<b>ATCC</b>
Carbapenem-resistant Klebsiella pneumoniae	ATCC BAA-1705
Enterococcus faecalis Vancomycin Resistant VRE	ATCC 51575
Escherichia coli O157:H7	ATCC 43888
Listeria monocytogenes	ATCC 19117
Pseudomonas aeruginosa	ATCC 15442
Salmonella enterica (formerly Salmonella Choleraesuis)	ATCC 10708
Staphylococcus aureus	ATCC 6538
Staphylococcus aureus - MRSA	ATCC 33592
Staphylococcus epidermidis - MRSE	ATCC 51625
<b>VIRUCIDAL*</b>	
In the presence of 5 % blood serum, is effective against	
<b>3 MINUTES</b>	<b>STRAIN AND/OR ATCC</b>
Hepatitis B (HBV), Duck Hepatitis B (DHBV) as surrogate	Strain NADL
Hepatitis C (HCV), Bovine Viral Diarrhea Virus (BVDV) as surrogate	Strain 1059
<b>5 MINUTES</b>	
Adenovirus Type 2	Strain VR-846
Feline Calicivirus (surrogate for Norovirus)	Strain F-9
Herpes Simplex Virus Type 1	ATCC VR-733
Herpes Simplex Virus Type 2	ATCC VR-734
Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus)	Strain HTLV-IIIB
Influenza A Virus	Strain Hong Kong H3N2
Influenza A Virus (formerly called swine flu)	Strain Pandemic 2009 H1N1
Rhinovirus Type 14	Strain 1059
Respiratory Syncytial Virus	ATCC VR-26
Rotavirus	Strain WA, Univ. of Ottawa
Vaccinia Virus	ATCC VR-119
<b>FUNGICIDAL</b>	
In the presence of 5 % blood serum,] [is effective against	
<b>5 MINUTES</b>	<b>ATCC</b>
Candida albicans	ATCC 10231
Trichophyton interdigitale, T.interdigitale	ATCC 9533
<b>TUBERCULOCIDAL** AT 20°C / 68°F** ON PREVIOUSLY CLEANED HARD NON-POROUS INANIMATE SURFACES.</b>	
<b>5 MINUTES</b>	<b>STRAIN</b>
Mycobacterium bovis, Mycobacterium tuberculosis, M. bovis (TB)	BCG, Organon Teknika Corp.

## CleanCide Compatibility

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CleanCide has excellent surface compatibility and has proven to not cause damage to surfaces and medical device products. Below are a few of the common surfaces that CleanCide has been evaluated against with no adverse effects. Due to differences in materials, we always recommend testing in an inconspicuous area to insure no adverse effects.

### Material Compatibility List

*No effects observed on the following materials*

- **Powder coated metal alloys**
  - Powder coated aluminum
- **Rigid thermoplastic compounds**
  - Rigid polyvinyl chloride (PVC) compound
  - Polycarbonate
  - Acrylonitrile-butadiene-styrene (ABS)
- **Flexible thermoplastic and thermoset compounds**
  - Polypropylene / ethylene propylene diene rubber thermoplastic vulcanizate (TPV)
  - Plasticized polyvinyl chloride (PVC)
  - Liquid silicone rubber (LSR)
- **Other materials**
  - High-density polyethylene (HDPE) plastic
  - Polyethylene terephthalate (PET) plastic
  - Polyurethane upholstery
  - Vinyl upholstery / Synthetic mattress coverings
  - Solid surface countertop material
  - Oriented polyester film
  - Laminates Stainless steel
  - Glass
  - Glazed Porcelain
  - Acrylate polymers
  - Silicone Rubber
- **Soft Surfaces**
  - Cotton (*Test color fastness in an inconspicuous area if treating dyed or colored materials*)
  - Polyester
  - Nylon

For additional material compatibility questions, please email us at [orders@wexfordlabs.com](mailto:orders@wexfordlabs.com).