

# Getinge Clean

## PURE® Hard Surface FAQs

### What are the key benefits of PURE® Hard Surface?

- Ready to use solution requires no dilution or mixing
- Disinfects without bleaching
- Broad spectrum solution with fast kill times and 24-hour residual protection (when used as directed)\*
- Odorless and non-irritating formula

\*Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica

### What type of chemical disinfectants are there?

Disinfectants are formulated using EPA registered active ingredients. These may occur in a formula as a single ingredient or in combinations e.g., hydrogen peroxide and peracetic acid in the healthcare setting. These include, but are not limited to alcohols (ethyl alcohol and isopropyl alcohol), chlorine and chlorine compounds, formaldehyde, glutaraldehyde, hydrogen peroxide, iodophors, ortho-phthalaldehyde (OPA), peracetic acid, phenolics, and quaternary ammonium compounds.

Disinfectants must be registered with the EPA. These products are registered for specific claims and are to be used in a manner consistent with their labeling. Therefore, users must read the product label carefully to ensure the correct product is selected for the intended use and applied effectively.

### What are the ingredients in PURE Hard Surface?

Silver\* and Citric Acid

\*Electrolytically generated silver ions stabilized in citric acid as Silver Dihydrogen Citrate

### What is PURE Hard Surface effective against?

#### Bacteria

| Organism   | Contact Time* |
|--|---------------|
| Pseudomonas aeruginosa                             | 30 seconds    |
| Salmonella enterica                                | 30 seconds    |
| Staphylococcus aureus                              | 2 minutes     |
| Listeria monocytogenes                             | 2 minutes     |
| Vancomycin resistant Enterococcus faecium (VRE)    | 2 minutes     |
| Methicillin resistant Staphylococcus aureus (MRSA) | 2 minutes     |
| Community Associated MRSA (CA-MRSA)                | 2 minutes     |
| Community Associated MRSA (CA-MRSA-PVL)            | 2 minutes     |
| Escherichia coli O157:H7                           | 2 minutes     |
| Acinetobacter baumannii                            | 2 minutes     |
| Campylobacter jejuni                               | 2 minutes     |
| Carbapenem resistant Escherichia coli              | 2 minutes     |
| Carbapenem resistant Klebsiella pneumoniae         | 2 minutes     |
| Carbapenem resistant Klebsiella pneumonia, NDM-1   | 2 minutes     |

## Viruses

| Organism                    | Contact Time* |
|-----------------------------|---------------|
| HIV type 1                  | 30 seconds    |
| Rotavirus                   | 30 seconds    |
| Human Coronavirus           | 30 seconds    |
| Avian Influenza A           | 30 seconds    |
| Influenza A                 | 30 seconds    |
| Influenza A (H1N1)          | 30 seconds    |
| Swine Influenza A (H1N1)    | 30 seconds    |
| Respiratory Syncytial Virus | 30 seconds    |
| Adenovirus Type 2           | 30 seconds    |
| Herpes Simplex Type 1       | 60 seconds    |
| Murine Norovirus            | 60 seconds    |
| Norovirus                   | 60 seconds    |
| Rhinovirus                  | 60 seconds    |
| Polio Type 2                | 60 seconds    |
| Hepatitis B Virus (HBV)     | 60 seconds    |
| Hepatitis C Virus (HCV)     | 60 seconds    |

## Fungus

| Organism   | Contact Time* |
|--|---------------|
| Trichophyton mentagrophytes<br>(Athlete's Foot Fungus) | 5 minutes     |

\*Contact times based upon EPA Stamped label dated August 3, 2011

### Does PURE have a TB claim or a C-Diff claim?

No.

### Can PURE Hard Surface be used against 2019 Novel Coronavirus (2019-nCov)?

Yes. As 2019-nCov is an emerging pathogen, the recommended contact time is 1 minute. Spray surface evenly while wearing appropriate PPE as per CDC/local hospital guidelines. Ensure the surface remains wet during the contact time and let surface air dry. For visibly soiled surfaces, preliminary cleaning with a clean, dry, disposable/reusable cloth is required. Dispose of soiled/contaminated cloth as per local regulations.

### Why does PURE® Hard Surface list human coronavirus on the label?

PURE Hard Surface has been tested for, and shows to be effective against, human coronavirus. Such testing is not yet widely available for SARS-Cov-2

Coronaviruses are a large family of viruses ranging from the common cold to much more serious diseases. According to the CDC, the virus causing COVID-19 is a new coronavirus strain. PURE Hard Surface has demonstrated effectiveness against viruses similar to 2019 Novel Coronavirus (SARS-CoV-2) when used in accordance with the directions for use against Norovirus on hard nonporous surfaces and it is registered for emerging viral pathogens. Therefore, per the EPA Emerging Pathogen Policy, they can be used against SARS-CoV-2 when used as directed. More information can be found at: [www.cdc.gov/coronavirus/2019-ncov](http://www.cdc.gov/coronavirus/2019-ncov)

For a list of products that have been approved by the U.S. Environmental Protection Agency (EPA) for use against emerging enveloped viral pathogens that can be used during the 2019 Novel Coronavirus (COVID-19) outbreak, please reference the following link: [www.americanchemistry.com/Novel-Coronavirus-Fighting-Products-List.pdf](http://www.americanchemistry.com/Novel-Coronavirus-Fighting-Products-List.pdf)

The approved products are listed on the EPA List N: Disinfectants for Use Against SARS-CoV-2. List N includes products that meet EPA's criteria for use against SARS-CoV-2, the cause of COVID-19. Please note, many products are listed under the primary registration name and may differ from the product name you are familiar with. You should reference the EPA registration number for confirmation.

[www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2](http://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2)

### Does PURE have any white papers that can prove the efficacy claims?

The claims on the label are the proof of efficacy, due to the nature of the EPA approval process.

### What type of testing has been performed to support the PURE claims?

All claims have been proven via the standard AOAC Use-Dilution Test or the AOAC Germicidal Spray Test for each type of organism. These tests are performed by GLP laboratories and the results reviewed by the EPA.

## **What type of substrates can PURE® Hard Surface be used on?**

PURE® Hard Surface can be used on high-touch hard, non-porous surfaces, which include examination tables, over bed tables, waiting areas, wheelchairs, bed frames, walls, floors, door handles, food preparation surfaces, counters, sinks, faucet handles, tubs, showers, commodes, toilet and urinal exterior surfaces, handrails, light switch covers, remote controls, tables, equipment tables, and lab benches.

## **What material is PURE compatible with?**

Please refer to MCV00105428 'PURE Substrate Compatibility Matrix Flyer'.

## **Are there any materials or equipment that PURE should not be used on?**

PURE will have a detrimental effect on aluminum, mild steel and galvanized surfaces. PURE should be compatible with most plastic materials, but check manufacturer's IFU for medical devices, or try a small test surface for non-medical devices.

## **Is PURE compatible with the materials within the Ultra Clean sonic basins and trays? For example, would there be a problem with this product somehow interacting with the TEC-QUAT 128 or Sanizyme detergent if these products are not properly rinsed off before this disinfectant is introduced?**

Both TEC-QUAT 128 (and any other QUAT) and PURE will be inactivated by residual enzyme product. All cleaning product residues should be adequately rinsed from surfaces prior to treatment with the disinfectant.

## **Do you need to pre-clean the surface before using PURE?**

Remove gross dirt and debris before disinfecting. For visibly soiled surfaces, preliminary cleaning with a clean dry reusable or disposable cloth is required. You may use PURE in the cleaning step but must repeat application for the disinfection.

## **What type of dry wipe/cloth should be used?**

Clean, microfiber polyester cloths are preferred.

## **What does contact time mean?**

Contact time refers to the length of time an implement or surface must stay moist with disinfectant to be effective against pathogens (bacteria, virus, and fungus) listed on the label.

## **What does 24-hour residual protection mean?**

When used as directed, this product provides residual protection from *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* up to 24 hours after initial application. Do not touch treated surface after application if residual protection is to be maintained.

## **Does the 24-hour residual protection mean I do not need to disinfect for 24 hours?**

No, residual protection reduces the risk of re-contamination against specified bacteria in between two disinfections. It does not replace regular disinfection steps required within the 24-hour period.

## **Does PURE have a build up after multiple applications if not wiped?**

Yes it does.

## **How should I refill a 32 oz. trigger spray bottle from the 2.5 gal.?**

You can refill, if appropriate precautions are taken with regards to PPE, spillage and having appropriate bottles.

## **How green is PURE Hard Surface, can I recycle the bottle?**

The bottle is HDPE and can be recycled.

## **How safe is PURE Hard Surface?**

The EPA does not allow a product to be described as "safe". However, PURE does have the EPA's lowest toxicity rating of IV.

## **What is the shelf life PURE Hard Surface?**

In the unopened container, >5 years.

## **How often do I change if using in mop and bucket?**

You may use until product is completely used up and rinse out bucket prior to refilling. If water becomes very dark or dirty, dump and refill sooner.



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**Sales Office, US** • Getinge • 45 Barbour Pond Drive • Wayne, NJ 07470

**Sales Office, Canada** • Getinge • 90 Matheson Blvd West, Suite 300 • Mississauga, Ontario L5R 3R3 • Canada

[www.getinge.com](http://www.getinge.com)

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