

EOS^{CU} | CLEANING AND DISINFECTION GUIDELINES

The use of EOS^{CU} does not replace standard infection control procedures and good hygienic practices. EOS^{CU} must be cleaned and sanitized according to standard practice.

Health care facilities must maintain the product in accordance with infection control guidelines; users must continue to follow all current infection control practices, including those practices related to disinfection of environmental surfaces.

Routine cleaning to remove dirt and filth is necessary for good sanitation and to assure the effective biocidal performance of EOS^{CU}. Cleaning agents typically used for traditional touch surfaces are permissible; the appropriate cleaning agent depends on the type of soiling and the measure of sanitizing required.

EOS^{CU} may be subject to recontamination and the level of active bacteria at any particular time will depend on the frequency and timing of recontamination and cleanliness of the surface (among other factors). In order for EOS^{CU} to have proper biocidal efficacy, the product must be cleaned and maintained according to the directions included on its label.

This product must NOT be waxed, painted, lacquered, varnished, or otherwise coated.

Normal tarnishing or wear of EOS^{CU} will not impair the efficacy of the product.

The two primary types of cleaning products to consider are below. For product-specific information, please see page 2 of this document.

HOSPITAL DETERGENTS

- Detergents will clean soil from surfaces and should always be used prior to disinfection
- Most cleaning products are proprietary and will have instructions for use – always refer to manufacturers’ instructions
- Items should be cleaned, dried (disinfected as necessary) and inspected before use
- If applying disinfectant after normal cleaning, it is common to wash with clean water and dry between these steps to ensure optimum activity of disinfectant
- Cleaning wipes are single use products and should be disposed of after use
- Some products may combine disinfectants with detergents and allow single-step use

HOSPITAL DISINFECTANTS

- Like detergents, most disinfectants are also proprietary and will have instructions for use – always refer to manufacturers’ instructions
- See list of approved cleaners on page 2



EOS^{CU} | Required Soap Dispenser Catch

Due to the high concentration of chemicals in hospital soaps, EOS requires all facilities to install a “catch” to any wall-mounted soap dispensers that hang above EOS^{CU} surfaces installed.

NOTE: All cleaners are intended to remain on a surface for a designated amount of time in order to achieve the desired effect (cleaning, disinfecting, etc.). They are not, however, intended to be left on any surface indefinitely. When used properly, the cleaning and disinfecting products below will not affect EOS^{CU} surfaces. If left on for extended periods of time or left for days without removal, the surfaces may discolor slightly. In the event this does occur, the surface can quickly be returned to its original look. For assistance in this process, please contact the EOS^{CU} Team at EOScuTeam@eos-surfaces.com or call the EOS^{CU} Team at our offices: 757.624.3671.

EOS^{CU} | CONTACT TRACING™

A distinctive attribute of EOS^{CU} is its unique ability to show areas of greatest touch that need more frequent cleaning. EOS^{CU} Preventive|Biocidal Surfaces’ matte finish creates tiny microscopic scratches that expose microbes to the copper technology infused throughout EOS^{CU}. This surface is also able to actively communicate the location of contact by users through a slight but noticeable darkening in the color of the product on areas of greatest touch, similar to fingerprints. This temporary change can be returned to its original look with a targeted but standard cleaning, following the steps below:

1. Use regular soap and water on a cloth or rag. Do not use soap intended to be a degreaser.
2. After wetting the cloth with warm soap and water, use your daily standard, alcohol-based cleaner using manufacturer’s instructions and lightly mist the surface.
3. Using minimal pressure, clean the surface, rotating the cloth in a circular motion to remove the EOS^{CU} Contact Tracing™. For areas that have minor, visible scratches, apply slightly more pressure to the cloth.
4. As you move the cloth over the wet surface, the liquid may begin to change color slightly. If the liquid is no longer clear, the process is complete.
5. Once you have completed the circular motion over the affected areas, simply wipe them clean with a clean, damp cloth, removing excess liquid. With standard, daily cleaning and applying the cloth or rag to areas of highest contact, you will maintain a newly-installed matte finish on your EOS^{CU} Preventive|Biocidal Surfaces™.



EOS^{CU} | CLEANER COMPATIBILITY STATEMENT

EOS Surfaces remains committed to its mission to provide the industry with a technology whose proven efficacy is based in a foundation of statistically significant scientific evidence. This commitment runs through all we do so that our customers can trust the information we provide and rely upon it to make the best internal decisions. This includes decisions regarding the routine cleaning and maintenance of their EOS^{CU} Preventive|Biocidal Surfaces™. While the company has tested all the cleaners in the following lists in order to develop a comprehensive database of approved and unapproved cleaning products, we do recognize that it is not a complete list of all products available on the market. Given the magnitude of cleaning products and their variations, there are still several we have not yet tested. If you are unable to locate your cleaning product on the approved list below, please contact us and we will work with you and your team to determine the potential impact of the specific product on our technology. If you have any questions, please reach out to the EOS^{CU} Team at EOScuTeam@eos-surfaces.com or call 800.719.3671.

EOS^{CU} | APPROVED CLEANERS AND HAND SOAPS

Maintaining your EOS^{CU} Preventive|Biocidal Surfaces™ is easy. Simply follow your current routine cleaning protocols with any of the approved cleaners below. In the event of a spill, we recommend that the spill is removed immediately, per standard hospital protocol.

3M AVAGARD Instant Hand Antiseptic with Moisturizers
 3M AVAGARD Foaming Instant Hand Antiseptic
 3M Quat Disinfectant Cleaner
 3M Heavy Duty Multi-Surface Cleaner
 Bleach-Rite Disinfecting Spray with Bleach
 Bleach-Rite Disinfecting Towel with Bleach
 Caltech Dispatch Hospital Cleaner Disinfectant Towels with Bleach
 Clorox Broad Spectrum Quaternary Disinfectant Cleaner
 Clorox Healthcare Bleach Germicidal Cleaner
 Clorox Healthcare Bleach Germicidal Wipes
 Clorox VersaSure Alcohol-Free Cleaner Disinfectant Wipes
 Comet Cleaner with Bleach
 Contec Prostat Sterile Wipes
 Defender Disinfectant and Cleaner
 Dial Professional Antibacterial Hand Sanitizer Fragrance Free Foam
 Diversey Non-Acid Crème Cleanser - Blue
 Diversey Virex® Plus One-Step Disinfectant Cleaner & Deodorant
 Diversey Emerel® Plus Alkaline Cream Cleanser
 Diversey Alpha-HP® Multi-Surface Disinfectant Cleaner
 Diversey Avert™ Disinfectant Cleaner
 Diversey GP Forward™ General Purpose Cleaner
 ECOLAB Asepti-Wipe II
 ECOLAB Disinfectant 1 Spray
 ECOLAB Disinfectant 1 Wipe

ECOLAB Peroxide Multi Surface Cleaner and Disinfectant
 ECOLAB Virasept
 Generic First Aid Antiseptic 91% Isopropyl Alcohol
 Generic First Aid Antiseptic 70% Isopropyl Alcohol
 Germiphene Ultra Swipes Plus
 GOJO PROVON Antimicrobial Skin Cleanser
 Metrex CaviCide
 Multi-Clean 64 Millenium Q
 PDI Sani-Cloth AF3 Germicidal Disposable Wipe
 PDI Sani-Cloth BLEACH Germicidal Disposable Wipe
 PDI Sani-Cloth PLUS Germicidal Disposable Cloth
 PDI Sani-Cloth Prime Germicidal Disposable Wipe
 PDI Super Sani-Cloth Germicidal Disposable Wipe
 PDI Sani-24 Disinfecting Spray
 Pharma-Choice DIFF-INFECT Sporidical Disinfectant Cleaner
 Purell Advanced Hand Sanitizer
 Spartan GS High Dilution Disinfectant 256
 Spartan Clean Go Multi Surface Cleaner
 Steris Coverage Spray TB Plus
 Steris Coverage Spray HB Plus
 Steris Coverage Spray TB
 Steris Cal Stat Plus: Antiseptic Handrub with Enhanced Emollients
 Steris Coverage Plus Germicidal Surface Wipes

EOS^{CU} | UNAPPROVED CLEANERS AND HAND SOAPS

3M AVAGARD Liquid Soap with Moisturizers
 Clorox Hydrogen Peroxide Disinfecting Cleaner
 Clorox Healthcare EZ-KILL Quat Alcohol Cleaner Disinfectant Wipes
 Clorox Healthcare Hydrogen Peroxide Disinfectant Wipes
 Clorox FUZION Cleaner Disinfectant
 Contec Peridox
 Dial Professional Complete Antibacterial Foaming Hand Soap
 Dial Professional Antimicrobial Liquid Sensitive Skin
 Dial Antibacterial White Tea & Vitamin E Hand Soap with Moisturizer
 Dial Professional Antimicrobial Liquid Soap Original Gold
 Diversey Oxivir® 1
 Diversey Oxivir® Tb Spray
 Diversey Oxivir® Tb Wipes
 Diversey Virex® II 256
 Diversey Accel® Intervention Wipes
 ECOLAB OxyCide Daily Disinfectant Cleaner
 ECOLAB Quaternary Disinfectant Wipes
 GOJO Luxury Foam Antibacterial Handwash
 GOJO Ultra Mild Antimicrobial Lotion Soap with Chloroxylenol
 GOJO PROVON Foaming Medicated Handwash with Moisturizers and Triclosan
 GOJO PROVON Medicated Foam Handwash with Advanced Moisturizers and Triclosan
 Lysol® Disinfectant Spray
 Medline Skintegrity foaming antibacterial hand soap
 Medline Moisturizing Lotion made with Oatmeal, Aloe & Vitamin E
 Medline Lotion Soap with Aloe Vera
 Medline Skintegrity antibacterial hand soap
 PDI Sani-HyperCide Germicidal Spray
 Rite Aid Hydrogen Peroxide Topical Solution USP
 SSS Peritex High Performance Wipes

EPA REGISTERED PUBLIC HEALTH CLAIMS

- Laboratory testing has shown that when cleaned regularly:
- This surface continuously reduces bacterial* contamination achieving a 99.9% reduction within two hours of exposure
 - This surface kills greater than 99.9% of Gram negative and Gram positive bacteria* within two hours of exposure
 - This surface kills greater than 99.9% of bacteria* within two hours and continues to kill 99% of bacteria* even after repeated contamination
 - This surface helps inhibit the buildup and growth of bacteria* within two hours of exposure between routine cleaning and sanitizing steps

* Testing demonstrates effective antibacterial activity against *Staphylococcus aureus* (ATCC 6538), *Enterobacter aerogenes* (ATCC 13048), Methicillin resistant *Staphylococcus aureus* (MRSA-ATCC 33592), *Escherichia coli* 0157:H7 (ATCC 35150) and *Pseudomonas aeruginosa* (ATCC 15442).

For more information, email the EOS^{CU} Team at EOScuTeam@eos-surfaces.com or visit eoscu.com