

HOW TO REDUCE RISK AND CHEMICAL CONSUMPTION IN CRITICAL CLEANING

When it comes to operations, improvements to safety often come with an increase to costs. In fact, cleaning procedures for cleanrooms and critical environments are typically chosen for a balance between the two—meeting the necessary regulatory, industry and GMP standards at the lowest cost of labor and materials.

However, this relationship is based on old cleaning tools and techniques. With two- and three-bucket mopping systems and their correlating mop and wipe substrates, risk reduction requires a greater investment. More stringent and therefore time-consuming SOPs, more frequent cleaning chemical changes, and the use of mops and wipes recommended for higher level environments.

A newly designed cleaning system and enhanced substrates change the relationship between safety and cost—greatly reducing risk and lowering cost through process and consumables efficiency.

Chemical Usage of Conventional Mopping Systems

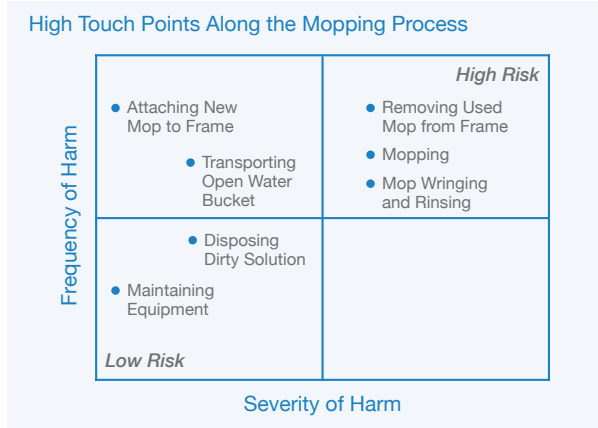
Based on best practice recommendations, you have to change 2-3 gallons of chemical every 1,000 square feet for an ISO 7 or 8 environment. For an ISO 7 or 8 facility, the chemical change is recommended to be more often—2-3 gallons every 600 square feet. The chart below depicts the daily chemical consumption for a 5,000 square feet facility.

The Risks of Conventional Mopping Systems

Traditional two- and three-bucket mopping systems have high touch points throughout the process that could potentially introduce both contamination and employee health risks.

- Exposed cleaning chemicals
- Attaching clean mops
- Rinsing mops
- Wringing mops
- Mopping surfaces
- Removing dirty mops
- Disposing solution
- Cleaning equipment

A Risk Assessment of Those High Touch Points is as Follows:



Mopping with dirty mops, mopping with contaminated solution, and touching dirty mops present the most severe risks in terms of harm.

Cleanroom Level	Cleaning Chemical Changes	Gallons/Day
ISO 5 or 6	2-3 gal. / 600 ft ²	16 – 24
ISO 7 or 8	2-3 gal. / 1,000 ft ²	10 – 15

Visionary Cleaning System

Saturix is a complete system for critical cleaning featuring innovative carts, mops and wipes backed by 100 years of cleaning experience. With focused product selection, it's easy to find exactly what you need right now.

To learn more about our products, visit us online at Saturix.com or contact us at +1 (413) 598-8344 or info@saturix.com



Saturix Mopping System Lowers Mopping Process Risk Profile by 80% & Chemical Usage by 90%¹

This innovative system completely eliminates high risk touch points and chemical waste associated with conventional mop systems.



Hands-Free Mop Attachment

Clean mops attach without assistance of hands, quick and easy.



Sealed Liquid Reservoir— No Changing Cleaning Chemicals

Cleaning solution is isolated in a sealed container, eliminating spills and keeping it viable for up to eight days.



Single Mop Precision Dosing— No Mop Rinsing or Wringing

Clean mops are used to press a lever that releases the exact amount of cleaning solution per mop into a separate tray.



Always Mop with Clean Mops and Clean Solution

This eliminates the particle and residual contamination that is a part of all conventional mopping systems.



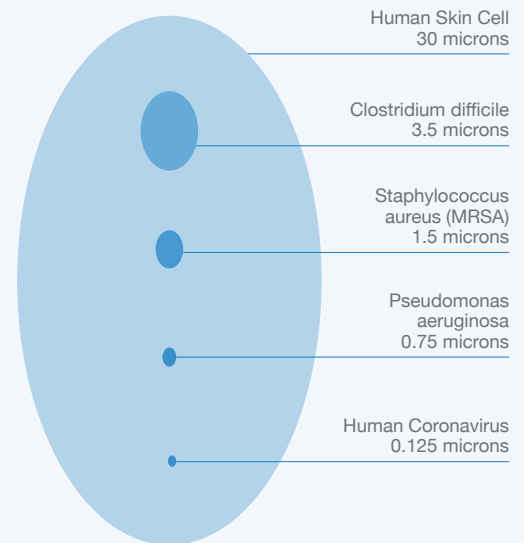
Hands-Free Mop Disposal

Mops are dropped directly in a waste receptacle, without assistance of hands—the frame is then ready for a clean mop.

99.9% Particle Removal— additional insurance to safeguard any environment

While Saturix cleaning system provides a dynamic reduction to risk and chemical consumption, Saturix microfiber mops and wipes remove **99.9% of particles down to .1 micron in size.**² This provides an additional layer of protection and efficiency, removing a wide range of particles.

Average Particle Sizes



Notes

1. Based on internal analysis of 5,000 ft² ISO 7 facility.
2. Based on third party lab testing.

* Cleanroom class recommendations are based on typical industry-wide applications and general cleanliness classifications. Please consult our experienced FG Clean Wipes sales representatives for specific cleanroom selections for critical and/or specialized applications based on a wider selection of criteria.

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