aegis®

LONG LASTING SURFACE PROTECTION

✓ Safe ✓ Durable ✓ Effective ✓ Globally Registered

nüprotection

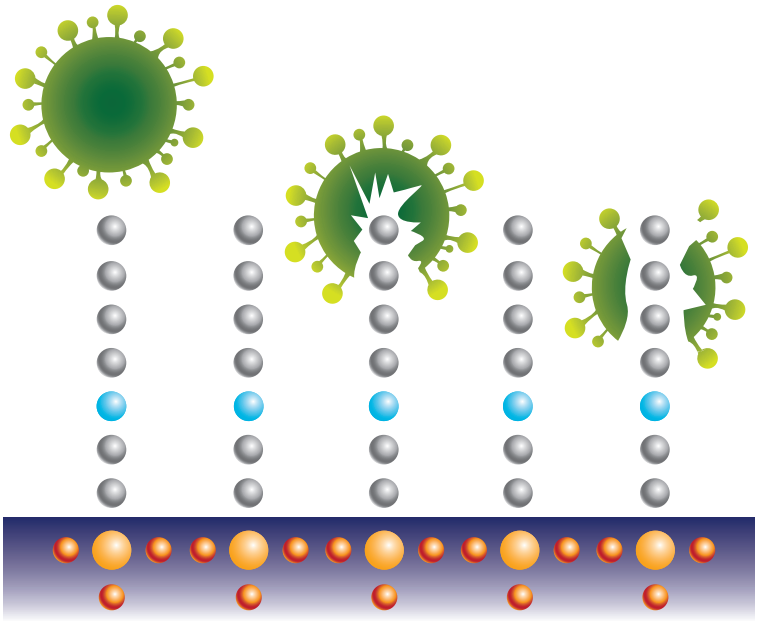
www.nuprotection.com

Overview

Protecting the surfaces where you live, work, and play.

For over 30 years AEGIS has been the worlds most widely used antimicrobial.

Used on both hard and soft surfaces, AEGIS is an enduring antimicrobial surface treatment that provides on-going surface protection for up to 1 year against the growth of bacteria, fungi, mold, mildew, and algae.



AEGIS forms a protective coating that molecularly bonds with products upon application and inhibits the growth of microbes on surfaces.

When applied to surfaces, AEGIS forms a colorless, odorless, positively charged polymer that attracts, then electrocutes, ruptures, and disintegrates a microbe's negatively charged cell membrane.

AEGIS has a history of safe use and durability, ensuring long-lasting antimicrobial efficacy and is used by name brand manufacturers globally.

AEGIS (pronounced ee-juhs)

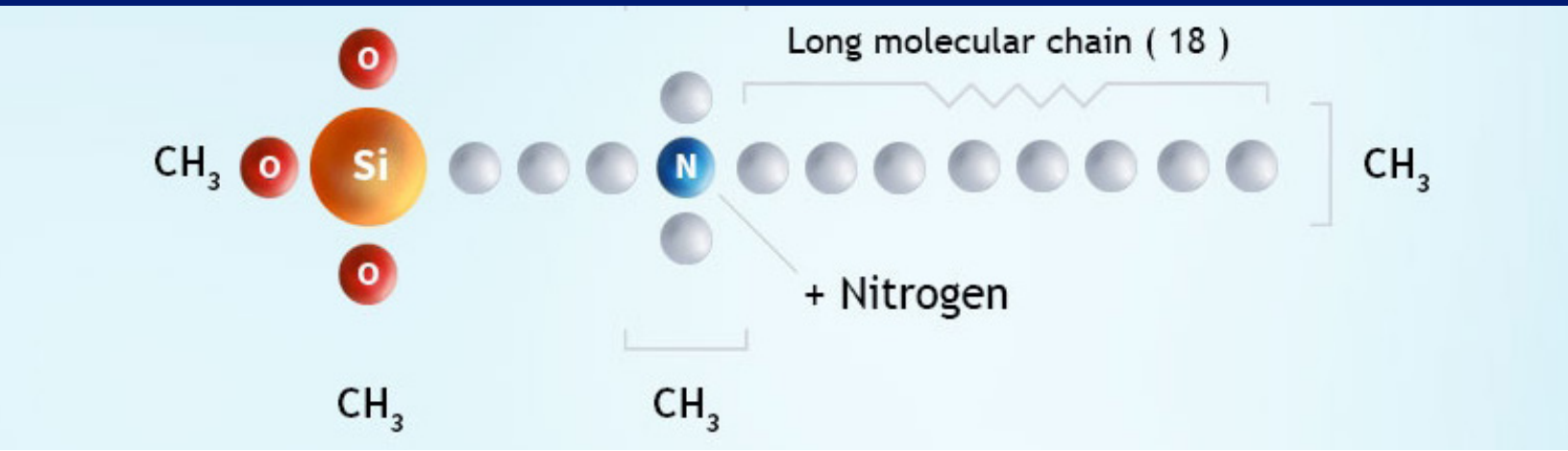
Why AEGIS is Different

AEGIS is not a disinfectant or cleaner, it is an antimicrobial that is designed to support, not replace, your existing cleaning and disinfection protocols. Compared to traditional products AEGIS has many benefits:

1. AEGIS does not leave the surface when applied. Conventional products penetrate living cells and kill by way of poisoning the organism or disrupting a vital life process - they are designed to act and dissipate quickly.
2. AEGIS lasts on most surfaces for up to a year or longer. Most commercial antimicrobials do an adequate job of controlling bacteria and fungi, but have a limited range of effectiveness typically 6 months or less.
3. AEGIS has been tested to be effective on many surfaces including glass, fabric, metal, and plastic.
4. AEGIS is the only globally registered antimicrobial and used by name brand manufacturers.
5. AEGIS creates an inhospitable environment for microbes to live on and will not create resistant organisms.

Technology

Proven to be the most durable and effective antimicrobial. Period.



The technical active ingredient is a conventional quaternary ammonium salt (organo) which is chemically spliced to a silane molecule, resulting in a highly active molecule hat has both tenacious bonding capabilities as well as excellent antimicrobial properties.

Active Ingredient: (3-trimethoxsilyl propyldimethyloctadecyl ammonium chloride)

During the application process stable bonds between OH- sites on the AEM5700 molecule and the positive charge on the nitrogen atoms (N+) form. The result of this chemical process is the creation of a large co-polymer chemically bonding AEGIS to the target substrate.

Positively Charged Nitrogen

The positively charged atom of nitrogen attracts the negatively charged cell walls of bacteria, molds, mildew, and fungi.

Silane Base

Enables the antimicrobial to anchor securely onto the substrate providing long-lasting antimicrobial product protection.

Long Carbon Chain

The long molecular chain or “spike” is the part that comes into contact and disrupts the cell membranes

Used on Both Hard and Soft Surfaces

AEGIS has been tested to be effective on many surfaces including glass, fabric, metal, and plastic to control and prevent microbial growth including bacteria, fungi, mold, mildew, and algae.

Hard and finished surfaces

(concrete, wood, plastic, drywall, masonry supplies, glass, rubber, stainless steel, and much more.)

Textiles, woven, and porous materials

(carpet, upholstery, linens, clothing, sports equipment, vehicles, janitorial cleaning equipment)

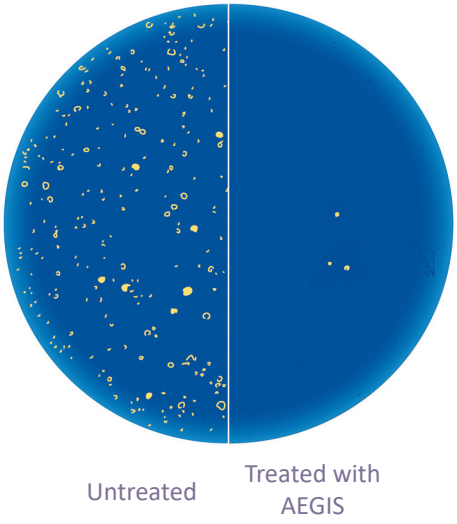
aegis®

AEGIS has been used for over 30 years to control and prevent microbial growth across many industries.

Healthcare Education Multi-uni Residential Professional Sports First Responders Commercial

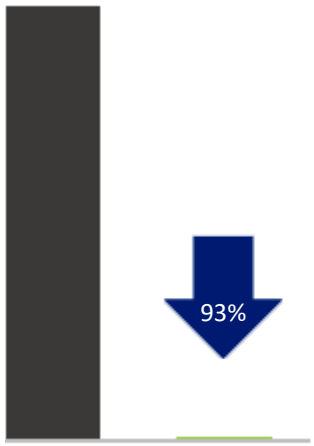
Independent Test Results

Testing was conducted by independent labs, showing the sustained decrease in surface microbial contamination. Additional tests and case studies available upon request.



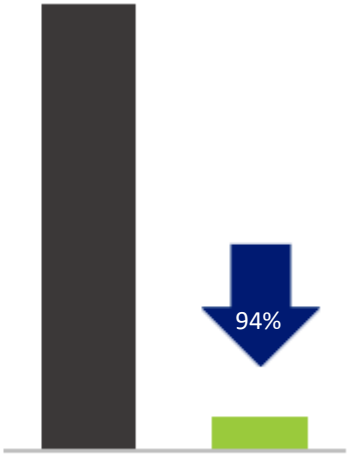
Untreated Treated with AEGIS

Condominium



Before Treatment 9 months after AEGIS treatment

Major Transit Commission



Before Treatment 10 months after AEGIS treatment

Approvals & Care

AEGIS is not a disinfectant. AEGIS is registered with health authorities around the world including Health Canada and the US Environmental Protection Agency. Health Canada PCP 15133, US EPA 64881-1 64881-2

PROTECTION THAT LIVES ON MICROBAN

AEGIS and the AEGIS Microbe Shield are trademarks of Microban International.

How to Care for AEGIS

- AEGIS bonds instantly and dries in 3 to 5 minutes on high-touch and high-traffic surfaces, 2 to 24 hours on treated fabrics such as carpets.
- AEGIS can be weakened or deactivated over time by highly caustic materials (pH 11+).
- Clean AEGIS treated surfaces with soap and water or non-caustic disinfectants.
- AEGIS can be removed by abrasion.

For more information contact:
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