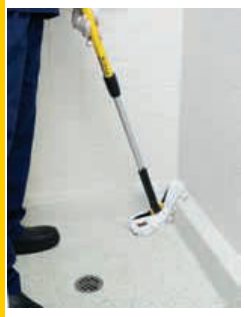
What's New Newsletter?

Flexi Frame Cleaning System

Flexible mop frame conforms to the shape of the surface being cleaned. Unique arc shape pulls dirt and debris toward the center for better pickup. Excellent for cleaning hard-to-reach areas. Use hand-held or with HYGEN Quick -Connect handles and extension poles.



Now hard to reach is not hard to clean. No more hands-and-knees cleaning in tight areas. Saves time and money. Patent-pending internal structure maintains consistent pressure on the surface being cleaned, even at the edges, and flexes back to original shape.

Flexi Frame Scrubber Mop Cover is a premium split nylon/ polyester blend microfiber with scrubber strips that provides optimal damp mopping performance.

Flexi Frame Glass Mop Cover is a Premium split nylon/polyester blend microfiber specially designed for cleaning glass. Flexi Frame Hi Pile Damp Mop Cover is specially designed for wet or dry cleaning and dusting.

OptiServ Hybrid Dispenser

Wausau Paper is pleased to announce the introduction of the OptiServ Hybrid roll towel dispenser. This innovative dispenser is the first internationally marketed electronic roll towel dispenser that offers the benefit of electronic touch-free dispensing combined with the convenience of hands-free mechanical dispensing. The OptiServ Hybrid is designed to operate with or without batteries.

The OptiServ Hybrid roll towel dispenser is an exciting addition to our roll towel dispenser product line. This dispenser is unique to the away-from-home market and will be the perfect complement to our extensive offering of Green Seal certified roll towels. Ideal for office buildings, schools, colleges and universities, and high traffic restrooms, the OptiServ Hybrid™ roll towel dispenser features quiet dispensing, easy installation, and international graphics for ease of use. It is CE, RoHS, ADA and FCC compliant, and supports the principles of HACCP. The OptiServ Hybrid™ is available in five translucent colors, and can be custom imprinted with a company name or logo for a unique facility appearance.

Myers Supply
900 Arch St. Little Rock, AR 72202
501-372-6677
831 Third St. Hot Springs, AR 71913
501-623-7742
www.MyersSupply.com

Newsletter Date 3/27/09 , Issue 49

Chemical Free Cleaning

The science that now frees you from chemicals has been used for decades in the food processing, industrial technology, and health-related industries.

We've just taken the technology and integrated it into a sprayer for the cleaning industry.

A water cell applies a slight electrical charge to the tap water.

The charged water passes through an ion exchange membrane, creating an oxygen-rich mixture of positive and negative nano-bubbles.

The activated water now attracts dirt like a magnet and lifts it from the surface, enabling it to be easily wiped away.

Myers Chemical & Supplies

Get more product info at: www.MyersSupply.com

MotorScrubber Plus /48 Inch Handle

The new "MotorScrubber PLUS" offers all the scrubbing power and versatility of the standard MotorScrubber. PLUS, a power cleaning solution dispenser! How handy is that?

The MotorScrubber PLUS starter kit includes the scrubber head and handle, dispenser and 20 oz. solution tank, back-pack & battery, 5-ft. coil cord, aggressive duty brush, battery charger, complete operating instructions, and 12-month warranty card.

The ULTIMATE CLEANING SYSTEM JUST GOT BETTER!

MotorScrubber Plus Includes:

- Battery
- Battery Charger
- Battery Harness
- Aggressive Duty Brush w Splashguard ring that helps reduce spray during use, cleans floors, walls, steps, landings, showers, and kitchens.

Microfiber Tube Mops

Compatible with standard wet mop tools requires no adapters or new flat-mopping handles or frames, allowing consumers to reduce capital investment. Microfiber performance is engineered with continuous filament bi-component Microfiber yarn for superior cleaning efficacy, superior absorbency and release characteristics. Twice the cleaning power versus a standard cotton mop!

Triple the durability of standard blend mops. Lasts 200+ launderings. Improved headband and tailband construction allows these advanced products to withstand three times the laundry cycles at 200F with the same detergents.

Improved productivity and safety with faster drying floors, superior absorbency and release characteristics result in both productivity gains and lower operating costs. Striped tube design reduces drag and for improved user comfort. Cleans 54% faster than a standard cotton mop.

Improved scrubbing power with extra aggressive and highly durable PVC mesh headband allows for faster and easier scrubbing of marred floors for improved productivity and cleaning performance.

BSCAI And ISSA Co-Locate Trade Shows

Building Service Contractors Association International (BSCAI) and ISSA are furthering the partnership the two associations formed in November. Beginning in 2010, BSCAI will co-locate its annual convention to be held in conjunction with the ISSA/INTERCLEAN trade show, to Orlando, Fla. BSCAI members will be eligible to attend the ISSA/INTERCLEAN event at member rates.

"BSCAI and ISSA formed this alliance in order to capitalize on the strengths of our respective organizations," says Stan Doobin, BSCAI president. "Our leadership and staff have met in the recent weeks and months to formalize an agreement and develop a working model that will enhance the networking, educational and professional services provided to our respective membership and business partners."

The ISSA program will be held from Nov. 9 to 12 and BSCAI's Annual Convention will be held from Nov. 11 to 14 at the same location. The exhibition dates fall in the middle of both events, from Wednesday through Friday. BSCAI will no longer sponsor an independent trade show. However, sponsorship opportunities and vendor partner programs will continue as usual.

EcoLogo Develops New Hand Sanitizers Standard

As institutions that deal with infectious diseases, hospitals and food service establishments rely on hand sanitizers to disinfect hands without the use of water. The EcoLogo Program is initiating the development of a new environmental standard for hand sanitizers. This standard will allow purchasers to select hand sanitizing products with reduced environmental impacts.

"The EcoLogo team is seeking stakeholders who wish to participate in the development of the new EcoLogo standard for Hand Sanitizers to ensure that it represents environmental leadership," says Scot Case, Executive Director of the EcoLogo Program.

Hand sanitizers are a new product category for EcoLogo. As the first step in the standards development process, the EcoLogo Program is currently conducting preliminary research to identify potential environmental impacts across the life-cycle of this product. Among other important impacts, the current EcoLogo hand sanitizer category is considering aquatic toxicity, biodegradability and environmental health issues.

New Tool Aids In Fight Against MRSA

The U.S. Department of Labor and the Occupational Safety and Health Association have updated the Methicillin-resistant Staphylococcus aureus (MRSA) portion of the multi-drug resistant organism module of OSHA's Hospital eTool. The electronic aid provides information to help stop the spread of MRSA among employees and others working in health care and other industries.

This is the Methicillin-resistant Staphylococcus aureus (MRSA) portion of the multi-drug resistant organism module of OSHA's Hospital eTool. This electronic aid provides information to help stop the spread of MRSA among employees and others working in healthcare and other industries.

http://www.osha.gov/SLTC/etools/hospital/hazards/mro/mrsa/mrsa.html

UNITED STATES DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

OSHA Outlines Most Frequently Cited Standards

The U.S. Department of Labor and Occupational Safety and Health Administration (OSHA) outline, in order, the most frequently cited standards by Federal OSHA from October 2006 through September 2007.

- Bloodborne pathogens
- Hazard communication
- General requirements (Personal protective equipment)
- Vehicle-mounted elevating and rotating work platforms
- Guarding floor and wall openings and holes
- The control of hazardous energy (lockout/tagout)
- Permit-required confined spaces
- Asbestos
- Medical services and first aid

Also highlighted are OSHA standards, directives (instructions for compliance officers), standard interpretations (official letters of interpretation of the standards), and national consensus standards related to the cleaning industry.
http://www.osha.gov/dcsp/products/topics/cleaningindustry/standards.html

Look At The Product Label

People read labels religiously to gauge food nutrient content and get a calorie count. Most people will not take medication without reading the directions and taking the prescribed dosage.

Why then, would anyone neglect to thoroughly read the label and employ the manufacturer's suggested applications for a cleaning product?

Many cleaning professionals erroneously assume that although different products clean many of the same surfaces, there is little or no difference in application. A quick look at the product label, however, can mean the difference between doing a great job or simply an adequate one, especially if a product is not used according to the manufacturer's recommendations.

The Right Product for the Job

Choosing the right product for the job is an obvious first step that can make a major clean-up or everyday clean-up job easier. There are all-purpose cleaners, disinfectants, aerosols, powders and liquids. The same brand name on different products can add to confusion. Users should not confuse brand authority with product function.

Words of Caution

The Federal Hazardous Substances ACT of 1960 governs cleaning products that are not considered food, drugs or pesticides and the Environmental Protection Agency governs disinfectants and sanitizers. Signal words, such as Caution, Warning and Danger, specific hazard information, corresponding medical advice and phrases such as, "Keep Out of Reach of Children", must appear on product labels. These warnings may apply if the chemical content is prone to explode or is flammable. Users should take note to wear protective gear, if advised.

Dilution

Proper product dilution not only improves but ensures consistent performance, maximizes product efficiency and minimizes waste. Even the most commonly used and least expensive disinfectant, liquid chlorine bleach, can be mishandled. Sodium hypochlorite should be used in at least a 1:10 ratio to water and allowed enough surface contact time to be effective as a disinfectant. A standard time of 10 minutes is the basis of most laboratory testing for kill rates.

At Myers, we base our recommendations for product use on government regulations and extensive product research.

For example, our Green Seal® certified, hydrogen peroxide based **Go2 Concentrated Cleaner** can be used with a dispenser in two dilutions for light or heavy cleaning: 1 oz./gallon or 10 oz./gallon. For mirrors, stainless steel, light mopping and auto scrubbers, the 1 oz. or "BLUE" dilution is recommended. For heavier jobs requiring degreasing or carpet spotting, the 10 oz./gallon or "RED" dilution is recommended. Using the red dilution for mirror cleaning may not yield desired results and it would not be cost effective.

Manufacturer recommendations optimize use of the product for specific results. It is well worth the time to read a product label before tackling the next job. Your safety and the bottom line may hinge on your label knowledge.

Things you learn from reading a label:

1. **Product name and manufacturer**
2. **Chemical content**
3. **EPA registered disinfectant or multi-purpose cleaner**
4. **Value added because of concentration**
5. **Recommended dilution ratios**
6. **Special warnings or signal words**
7. **Medical treatment**
8. **Certifications or recommendations from 3rd parties**
9. **Biodegradable, natural**

Infection Control For Laundries

Cleaning issues and infection control at public facilities have moved to the forefront of media coverage and consumer consciousness due to the recent, well publicized outbreaks of methicillin-resistant staphylococcus aureus (MRSA).

Myers Supply & Chemical provides a complete line of EPA registered disinfectants and hand washes designed to assist with infection control. With Myers Supply & Chemical commitment to laundry systems the question has been posed, what role does laundry play in infection control?

Laundry in a health-care facility may include bed sheets, blankets, towels, personal clothing, patient apparel, uniforms, scrub suits, gowns, and drapes for surgical procedures.[1] Contaminated textiles and fabrics often contain high numbers of microorganisms from body substances including blood, skin, stool, urine, vomitus, and other body tissues and fluids.

According to the CDC, contaminated laundry used in health-care settings are disinfected during the laundering process and generally rendered free of vegetative pathogens (i.e., hygienically clean).[2] The antimicrobial action of the laundering process results from a combination of mechanical, thermal, and chemical factors.[3] The laundering process consists of a flush, main wash or suds, bleaching, rinsing, and souring.

Dilution and agitation in the water removes substantial quantities of microorganisms. The initial flush often incorporates a pH booster to expedite this process. Detergents function to suspend soils and microorganisms during the wash cycle and prevent them from redepositing back onto the fabric. Hot water provides an effective means of destroying microorganisms as does washing at an elevated pH.[4]

While hot water washing is commonly recommended by many state licensing agencies, the CDC does not forbid cold water washing. Regardless of whether hot or cold water is used for washing, the temperatures reached in drying and especially during ironing provide significant microbiocidal protection.[5] The use of chlorine or oxygen bleach assures an extra margin of safety. Chlorine bleach becomes activated at water temperature of 135° F - 145° F and oxygen bleach becomes activated above 145° F.

CDC
CENTERS FOR DISEASE CONTROL AND PREVENTION

The last of the series of rinse cycles is the addition of a mild acid (sour) to neutralize any residual alkalinity in the water supply or on the fabric. Finally, the rapid shift in pH from approximately 12 to 5 is an effective means to inactivate most microorganisms.[5]

Myers Supply & Chemical Laundry line provides all of the necessary chemicals needed to ensure a hygienically clean laundry process as outlined by the CDC.

Myers Hyper Concentrate Advanced Formula **LB-1 Laundry Break** will boost the pH of the initial flush, as well as containing an excellent environmentally preferred water softener.

Myers Hyper Concentrate Advanced Formula **LE-2 Laundry Emulsifier** is a highly concentrated detergent that provides superior soil suspension and anti-redeposition performance.

Myers Hyper Concentrate Advanced Formula **BUILT IN** is not only a great industrial strength laundry detergent, but it will also boost the pH of the wash water.

Myers Hyper Concentrate Advanced Formula **LD-3 Laundry Destainer Chlorine Bleach** is an industrial grade chlorine based bleach while Myers Hyper Concentrate Advanced Formula **LO-3.5 Laundry Destainer Oxygen Bleach** is a highly concentrated active oxygen bleach safe for most colored fabrics.

Myers Hyper Concentrate Advanced Formula **LI-5 Laundry Iron X Sour** will neutralize residual alkalinity and bring the pH of the finished wash down to a desirable skin comfort level (5.5 - 6.5).

Infection Control For Laundries

Myers Hyper Concentrate Advanced Formula **LS-4 Sour/Softener** will impart a fresh scent and soft touch to the fabric, while at the same time neutralizing residual alkalinity and ensuring proper final wash pH.

Myers Hyper Concentrate Advanced Formula **LF-6 Fabric Softener** will leave clothes feeling soft and smelling fresh.

For an added level of security we offer Hyper Concentrate Advanced Formula **Softener/Sanitizer**, an EPA registered laundry sanitizer.

Myers All In One Solid Systems **QUADRA** and **HiOX DfE** uses hydrogen peroxide, as used as a bleaching agent in health care linen services. Hydrogen peroxide, as sodium hypochlorite [bleach], has been recognized as an effective germicidal agent for years. Only recently has hydrogen peroxide gained recognition as an effect antimicrobial on inanimate surfaces. Reports have been published that describe its sporicidal [6], fungicidal [7], tuberculicidal, [8], bactericidal [9], and virucidal [10] properties in peer-reviewed and reference texts alike. Hydrogen peroxide achieves its effectiveness by producing destructive hydroxyl free radicals. These free radicals typically attack essential cell components of microorganisms, such as membrane lipids, DNA, etc.

As used in hospital laundry applications, hydrogen peroxide is typically introduced as either percarbonate or perborate molecules. These chemical species dissociate into hydrogen peroxide, which then decomposes to oxygen and water. The rate of dissociation is enhanced by raising the temperature of the water in the laundry machine, with temperatures above 135° F typically being recommended. Peroxide bleach is usually chosen over chlorine bleach for two primary reasons: safety on colored fabrics, and safety in the workplace.

Our **QUADRA** and **HiOX DfE** Solid System contains sodium percarbonate as its source of hydrogen peroxide. It is an effective, safe means of destaining colored linens without the worry of decolorizing the linens.

The **QUADRA-D** Solid System is a EPA registered laundry **DISINFECTANT**. **QUADRA-D** is a patented solid detergent/disinfecting/bleaching system safe for all fabrics and colors when used as directed. Our revolutionary fabric restorative system, ColorClear works to maintain and even restore colors.

When used at 120°F wash temperature in a 10 minute wash cycle, this product kills the following bacterial organisms: **Staphylococcus aureus, Pseudomonas aeruginosa, Klebsiella pneumoniae, Escherichia coli, Proteus mirabilis, Salmonella choleraesuis and Enterococcus faecium.**

Myers laundry care line is not only an excellent way to ensure a hygienically clean laundry process, but a technologically advanced, economical approach to industrial laundry.

1. Rutala WA, Weber DJ. "Uses of inorganic hypochlorite (bleach) in health-care facilities." Clin Microbiol Rev 1997; 10:597-610.
2. Barrie D. "How hospital linen and laundry services are provided." J Hosp Infect 1994; 27:219-35.
3. Mouton RP, Bekkers JH. "Bacteriological results of routine procedures in a hospital laundry." Folia Med Neerl 1967; 10:71-6.
4. Arnold L. A. "Sanitary Study of Commercial Laundry Practices." Am J Public Health 1938; 28:839-44.
5. Blaser MJ, Smith PE, Cody HJ, Wang W-LL, LaForce FM. "Killing of fabric-associated bacteria in hospital laundry by low-temperature washing." J Infect Dis 1984; 149:48-57.
6. M. D. Wardle and G. M. Renniger, "Bactericidal Effect of Hydrogen Peroxide on Spacecraft Isolates," *Applied Microbiology* 30 (1975): 710-711.
7. F. J. Turner, "Hydrogen Peroxide and Other Oxidant Disinfectants," in Disinfection, Sterilization and Preservation, 3 rd ed. Seymour S. Block, (Philadelphia: Lea & Febiger, 1983), pp. 240-250.
8. W. A. Rutala, E. C. Cole, N. S. Wannamaker and D. J. Weber, "Inactivation of Mycobacterium tuberculosis and Mycobacterium bovis by 14 Hospital Disinfectants," *American Journal of Medicine* 91(3B) (1991): 267S-271S.
9. A. J. Schaeffer, J. M. Jones, and S. K. Amundsen, "Bactericidal Effect of Hydrogen peroxide on Urinary Tract Pathogens," *Applied Environmental Microbiology* 40 (1980): 337-340.
10. R. Mentel and J. Schmidt, "Investigations on Rhinovirus Inactivation by Hydrogen Peroxide," *Acta Virol* 17 (1973): 351-354.

Myers Chemical & Supplies
Get more product info at: www.MyersSupply.com