

# What's New Newsletter?

## SC3000 COMPACT RIDE SCRUBBER



The Advance SC3000 Compact Rider Scrubber takes automatic rider scrubber technology to a new level of scrubbing performance. Easier operation, green-cleaning results and, above all, a new patented scrubbing deck that performs the hard work for you. Featuring a compact design, the SC3000 provides user-friendly, maneuverable operation in multiple cleaning applications—including those with limited access. Quiet Mode™ makes daytime cleaning in educational facilities and cleaning of noise-sensitive health-care facilities viable. Plus, with enhanced driver compartment features and a large 21 gallon tank, the SC3000 ensures maximum operator comfort and safety for over an hour of continuous scrubbing on a single tank of water.

The machine control panel is fully integrated into the steering wheel. A left fingertip paddle controls the EcoFlex™ System burst of power feature, while the right paddle engages reverse operation. An easy-to-read graphical display quickly indicates the amount of clean water left in the tank, detergent ratio being used and machine hours of use. Plus, at the touch of a button, you can quickly switch to Quiet Mode operation for noise sensitive areas.

## GS Green Cleaning System Kit

**Yields 44 gallons of end-use product.**

A simple way to test the GS 5-Point Daily Cleaning System in one of your buildings, or an easy way to start your cleaning staff on the system.

The four “GS” cleaners are all Green Seal® Certified and the Mark 11 Disinfectant Cleaner is NSF Certified D2. Filled with a combined total of 36 packs of Stearns top-performing One Packs™.

The starter kit also includes: silk-screened bottles & sprayers, MSDS's, training materials, pack openers, mixing hose, and instruction book “GS 5-Point Training and Safety Guide”



**Myers Chemical & Supplies**

Get more product info at: [www.Go2MyersSupply.com](http://www.Go2MyersSupply.com)

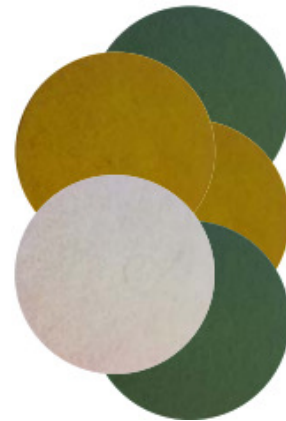
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Cyclone-D is the latest in diamond pad technology. It is used similarly to other diamond pads already in the market, but our state-of-the-art technology yields better results with less labor. Even on the hardest floor surface, Cyclone-D can be used without heavy duty grinding equipment and strong chemicals; and, can be carried out daily with your existing custodial staff.



Available in five levels of abrasiveness. Pads are available in a variety of shapes and sizes so that they can be easily incorporated with any floor equipment or hand tools.

Cyclone-D pads contain wear indicators, making it easy to determine when to replace them.

## Sapphire Ultra Pot & Pan Detergent



Sapphire Ultra Manual Pot and Pan Detergent is a dependable dishwashing liquid that fights grease, leaving you squeaky clean pots, pans and dishes. The long lasting suds can even help reduce sink changeover. Do more dishes than the leading commercial competitor which means less frequent sink changes. This highly effective concentrated premium hand dish detergent produces rich “grease eating” suds that quickly cut through food soils. Contains special suspending agents to keep grease and soils from redepositing on dishes, as well as lanolin to leave hands soft. This specialized surfactant blend is equally effective on a variety of other washable surfaces.

## ProGuard White Nitrile Gloves

### Disposable Nitrile

Allergen Free!

- FDA compliant
- 9.5" length
- ambidextrous; textured grip
- extremely stretchable
- better chemical resistance, especially solvents and animal fat
- similar barrier protection to latex
- greater snag, puncture, abrasion & cut resistance
- higher tensile strength
- allergen free
- 8641 applications: medical and dental, lab work, handling blood and bodily fluids, food service
- 8643 applications: cleaning, assembly, parts handling



### The time is right to switch From Latex!

- Latex contains a protein that can cause moderate to fatal allergic reactions.
- 1-6% of the general public is sensitive to latex, and 8-12% of medical workers are sensitive to latex.
- Prolonged wear and exposure increases the chance of latex sensitivity. This is why medical workers are more sensitive.



## APPA's Operational Guidelines for Educational Facilities: Custodial

APPA's popular guide to custodial staffing has been completely revised and expanded! This booklet includes the original five levels of clean as well as new information on such specialized work areas as dormitories, health care facilities, and more. Now Available

## APPA's Operational Guidelines for Educational Facilities: Maintenance

A guide for maintenance in facilities. Subjects include maintenance of buildings; levels of maintenance and benchmarking; case studies; compliance, safety, and sustainability; zero-based staffing buildup; career ladder and job descriptions; and much more.



## Green Cleaning Professional Training



The great differentiator students receive from ISSA Green Cleaning University (GCU) is the opportunity to become an ISSA Green Cleaning Professional. Upon successful completion of this 5 class series, students will receive a certificate of completion signed by the chancellor and academic chair of GCU.

## Workers Want to Ban Shop Towels

Nearly four in five manufacturing workers agreed that shop towels should be banned if they are not 100 percent-free of hazardous materials after laundering, says a survey released by Kimberly-Clark Professional. The survey exclusively targets production floor employees and is representative of the millions of U.S. manufacturing workers who use shop towels every day, in industries such as automotive, aviation, printing, food and beverage processing, as well as metals and equipment manufacturing. The results show that once the potential contamination risks of laundered shop towels are known, workers have near-universal agreement on the need to seriously address the issue. However, worker knowledge is limited, with only 44 percent of workers citing awareness of an exposure risk after shop towels are laundered.

In a 2011 study conducted by Gradient, an environmental and risk science consulting firm, which was sponsored by Kimberly-Clark Professional, toxic heavy metal residues were found on 100 percent of the laundered shop towels that were tested. Shop towels are routinely used in manufacturing to wipe machines, parts and equipment, then washed by industrial launderers for re-use at multiple facilities. Residues retained on shop towels after laundering could pose a long-term health risk to workers who handle the towels daily.

In the survey, if metals retained on laundered shop towels could result in workplace exposures exceeding toxicity exposure guidelines, workers would take the following actions:

- 93 percent would take greater safety precautions.
- 87 percent would ask for a safer alternative.
- 86 percent would raise the issue with a safety manager, employer or union.



Even when workers indicate awareness of laundered shop towel risks, there is a gap between that knowledge and their behavior. This reflects confusion among workers, and the need for employers and safety managers to continue deepening their staff's understanding of laundered shop towel safety risks. For example, awareness that shop towels can retain heavy metals post-laundering does not lead to less skin contact or more hand-washing. In fact, 69 percent of workers do not clean their hands after every shop towel use.

### Other unsafe practices indicating potential worker confusion include:

- **Bringing Shop Towels Home:** Forty-five percent of workers are aware that shop towels brought home from a facility could lead to other family members being exposed to heavy metals, but this group does not take shop towels home less frequently. Among all workers, over a third (36 percent) acknowledge bringing home at least one shop towel per week, and more than half (54 percent) say their typical coworker does so too.
- **Direct Skin Contact with Shop Towels:** Although nearly half (49 percent) say they are very or extremely careful after using a shop towel, only 17 percent of workers say they never wipe shop towels on exposed skin, while 26 percent of workers say they do so six or more times daily.
- **Shop Towels Used for Personal Hygiene and First Aid:** Eighteen percent of manufacturing workers report shop towel use for personal hygiene and first aid, with the most alarming examples including use as toilet paper or to stop bleeding/wipe up blood.

## TOOLBOX® Z700 White Double-Take™ Wipers



- Works like shop rag without the toxic heavy metal residues
- Ideal for most heavy-duty applications and messy fluid applications
- The large capacity dispenser box that allows for either 1 or 2 sheets to dispense at a time
- Made with 25% recycled cellulose fibers
- Made in the USA

## Could bedbug bites transmit MRSA?

Although not as common as months past, bed bug infestations continue to plague hotels, lodgings and even hospitals. There are also suggestions that the reason infestations continue are, in part, because bed bugs are developing an immunity to the pesticides previously used.

While pesticide researchers are faced with leveling that playing field, [Hospital Infection Control & Prevention](#) asks infection prevention experts, "Can bed bug bites transmit infections?" The standard answer has been "No," with some qualification, even though on any given day the insects may be carrying a wide array of viruses, bacteria, protozoa and parasitic worms.



Research reveals that hepatitis B viral DNA can be detected in bed bugs up to 6 weeks after they feed on infectious blood, but no transmission of hepatitis B infection was found in a study using chimpanzees. With its high titers in the blood, HBV would be one of the prime suspects for transmission, but there have been no documented cases of infection via bedbugs with that virus, nor with the generally less transmissible HCV or HIV.

However, a recent letter to Emerging Infectious Diseases, raises that possibility under certain conditions, bedbugs could serve as a vector for transmission of drug-resistant bacteria like methicillin-resistant *Staphylococcus aureus* (MRSA) and vancomycin resistant enterococci (VRE).

The authors report that "three patients, all residents of ... an impoverished community ... with high rates of homelessness, poverty, HIV/AIDS, and injection drug use—were hospitalized and found to be infested with bedbugs."

Hypothesizing that the parasites may be vectors for the transmission of antimicrobial drug-resistant pathogens, they collected 5 bed bugs and tested them for drug-resistant organisms. For 2 patients, VRE was isolated from 1 bed bug each. These bacterial isolates were also resistant to ampicillin, teicoplanin, and aminoglycosides but susceptible to linezolid, quinupristin/dalfopristin, and tetracycline. For 1 other patient, MRSA was isolated from 3 bed bugs. All MRSA isolates had susceptibility patterns consistent with pulsed-field gel electrophoresis type USA300 (susceptible to vancomycin, clindamycin, trimethoprim/sulfamethoxazole, tetracycline, and rifampin; resistant to erythromycin).

Thickening the plot, the authors note that irritation at the site of the bites can cause further skin abrasion, thereby providing an entry point for colonizing bacteria. *S. aureus*, which is commonly found on the skin and can cause cellulitis, has been reported to colonize the salivary glands of bed bugs for as long as 15 days.

"Bedbugs carrying MRSA and/or VRE may have the potential to act as vectors for transmission," the authors note. "... Bedbug carriage of MRSA, and the portal of entry provided through feeding, suggests a plausible potential mechanism for passive transmission of bacteria during a blood meal. Because of the insect's ability to compromise the skin integrity of its host, and the propensity for *S. aureus* to invade damaged skin, bedbugs may serve to amplify MRSA infections in impoverished urban communities." <http://hicprevent.blogs.ahcmedia.com/2012/02/14/could-bedbug-bites-transmit-mrsa/>

## EnviroMate PRONTO P7

### DESTROY DIRT & BED BUGS!

The new powerful and portable Pronto P7 sanitizes surfaces and steams garments! This portable, powerful and efficient cleaning device makes it easy to clean hard to reach surfaces without wrist strain. The P7 is the safe and comfortable way to clean, sanitize and even freshen fabrics without harsh chemicals.

### PROTECT YOUR FAMILY! PROTECT THE ENVIRONMENT!

Steam deodorizes and sanitizes with heat and moisture and since the only ingredient required for the EnviroMate Pronto P7 is water, cleaning your home or work place has never been safer, healthier or more environmentally friendly.

The natural alternative!



## The 3rd Public Comment LEED 2012



The U.S. Green Building Council (USGBC) has released for public comment its latest draft of the 2012 LEED Rating System for Existing Buildings: Operations and Maintenance (LEED-EBOM). The public comment period will run from March 1-20, and ISSA encourages members to take advantage of this opportunity to help shape the future direction of green cleaning.

To review the 3rd Draft of 2012 LEED-EBOM and to learn how to post public comments on the draft, please go to: <http://www.ashkinleedeb.com/comments.htm?CMSPageID=2603>. In addition, industry representatives can submit their comments through The Ashkin Group, who has set up a web page to facilitate comments by those in the cleaning industry. Steve Ashkin, President Ashkin Group, has been instrumental in representing the cleaning industry in the LEED development process.

Since its introduction in 2004, LEED-EBOM has had a major impact on green cleaning, and will continue to shape market demand for environmentally preferable cleaning products and services.

### In regard to green cleaning, the 3rd Draft of the 2012 LEED-EBOM includes the following revisions:

- Implementing a green cleaning policy is mandatory for LEED certification. Mandating such a policy will help further fuel the demand for environmentally preferable cleaning products and services.
- ISSA Cleaning Industry Management Standard for Green Buildings (CIMS-GB) is specifically recognized as a method of qualifying a green cleaning service provider.
- A higher level of cleanliness based on the APPA Custodial Guidelines is required.
- The EQ Credit for Green Cleaning Products and Materials has expanded the methodologies used to qualify green cleaning products to include the U.S. EPA DfE program and Transpare, formerly referred to as the Information Based Environmental Label, and under development by Ecoform and ISSA.
- The EQ Credit for Green Cleaning Equipment requires that 40% of powered cleaning equipment (purchased, leased, or used by contractors) meet specified environmental criteria.

The LEED 2012 third public comment period will remain open until March 20, 2012. <http://www.ashkinleedeb.com/>

## Cleaning Industry Management Standard-Green Building

To help meet the growing demand for green and "Leadership in Energy and Environmental Design" (LEED) certification, the Cleaning Industry Management Standard & Certification Program has been expanded to include new "Green Building" (GB) criteria and a new optional GB designation.

Implemented as the sixth dimension of CIMS, the new criteria and designation offer cleaning organizations a certification that is closely tailored to provide their customers with precisely what they need to secure points under the LEED for Existing Buildings: Operations and Maintenance (LEED-EBOM) Green Building Rating System, while greening their operations overall.



As such, CIMS-GB certification demonstrates an organization's capability to assist customers in achieving LEED-EBOM points and offers customers assurance that the organization they select is prepared to partner with them in the LEED process.

The first consensus-based management standard for the cleaning industry is [available](#), and organizations are encouraged to begin working their way through the certification process in hopes of achieving official certification to the Cleaning Industry Management Standard (CIMS).

You can receive your electronic copy of the Standard, by downloading it here: <http://www.issa.com/?m=download&event=form>

## Globally Harmonized System of Classification and Labeling of Chemicals

The White House Office of Management and Budget (OMB) has completed its review of a final rule that would align the Occupational Safety and Health Administration's Hazard Communication Standard with the U.N. Globally Harmonized System of Classification and Labeling of Chemicals.

On Feb. 21, OMB approved the draft "consistent with change," but OSHA officials declined to comment on the changes before the rule is published as final. The next steps will be that OSHA will review and revise the final rule before it can be published in the Federal Register.

The exact date of publication is not known but, given this recent development, it is moving on a faster track than previously anticipated.

The rule, proposed in fall 2009, would revise the OSHA Hazard Communication Standard criteria for classifying physical and health hazards, adopt standardized labeling requirements, and require a standardized order of information on safety data sheets.

OSHA sent the final rule to OMB's Office of Information and Regulatory Affairs for review in October 2011, and OMB announced in January that it was extending the review period.

Since OMB began its review, it has held seven meetings with industry and union officials regarding the rule. Those meetings have focused on implementation dates for the rule, as well as the inclusion of an unclassified hazard category that is not part of the U.N. Globally Harmonized System.



Unclassified hazards cover substances that may pose risks to workers based on scientific evidence identified during an employer's classification process, but that do not meet the criteria for any of the current physical or health hazard categories, according to language from the proposed rule. The proposal specifically cited combustible dust as an example of an unclassified hazard in its preamble.

### Why was the GHS developed?

The production and use of chemicals is fundamental to all economies. The global chemical business is more than a \$1.7 trillion per year enterprise. In the U.S., chemicals are more than a \$450 billion business and exports are greater than \$80 billion per year.

Chemicals directly or indirectly affect our lives and are essential to our food, our health, and our lifestyle. The widespread use of chemicals has resulted in the development of sector-specific regulations (transport, production, workplace, agriculture, trade, and consumer products). Having readily available information on the hazardous properties of chemicals, and recommended control measures, allows the production, transport, use and disposal of chemicals to be managed safely. Thus, human health and the environment are protected.

The sound management of chemicals should include systems through which chemical hazards are identified and communicated to all who are potentially exposed. These groups include workers, consumers, emergency responders and the public. It is important to know what chemicals are present and/or used, their hazards to human health and the environment, and the means to control them. A number of classification and labeling systems, each addressing specific use patterns and groups of chemicals, exist at the national, regional and international levels. The existing hazard classification and labeling systems address potential exposure to chemicals in all the types of use settings listed above.

While the existing laws and regulations are similar, they are different enough to require multiple labels for the same product both within the U.S. and in international trade and to require multiple safety data sheets for the same product in international trade. Several U.S. regulatory agencies and various countries have different requirements for hazard definitions as well as for information to be included on labels or material safety data sheets.



Myers Chemical & Supplies

Get more product info at: [www.Go2MyersSupply.com](http://www.Go2MyersSupply.com)