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MARCH / APRIL 2015

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April 28 & 29, 2015
International Centre, Hall 5
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- 55% of high-touch areas in patient rooms have tested positive for C. difficile.²
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When the problems are facility-wide, the solutions have to be.

Clorox Healthcare™ Professional Disinfecting Bleach Products kill C. difficile spores quickly: wipes 3 minutes, liquids 5 minutes, and 46 other pathogens like MRSA & VRE in 1 minute*

¹ Koll, American Journal of Infection Control, June 2009. ² S.S. Huang, R. Datta, R. Platt, Archives of Internal Medicine, 2006. Learn more at www.cloroxhealthcare.ca © 2014 Clorox Professional Products Company *Use as directed on hard, nonporous surfaces
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Urine is one of the toughest stains to clean and odours to remove. New Clorox® Urine Remover breaks down urine to quickly eliminate odours and remove stains.


Learn more at www.cloroxhealthcare.ca  © 2014 Clorox Professional Products Company Use as directed on label.
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*In third-party conducted blind comparison tests with Class A building employees, Tork MB572 preferred vs. Kleenex 01500 and Tork MB572 preferred vs. Signature 23000.
SSA will host a Cleaning Industry Management Standard (CIMS) ISSA Certification Expert (I.C.E.) workshop at the International Centre, in Mississauga, ON, on Apr. 27, 2015.

The workshop will be held in conjunction with the CanClean 2015 trade show being held Apr. 28 and 29, 2015, also at the International Centre.

According to the ISSA, the CIMS I.C.E. workshop positions attendees to:

• Help lead customers or cleaning organizations through the CIMS and CIMS-Green Building certification;

• Help customers or businesses battle budget cuts, increase professionalism and improve productivity.

• Prepare to partner with customers toward LEED EB: O&M certification.

• Understand the challenges cleaning organizations face and how they can help tackle those challenges.

For more information or to register, contact the ISSA at www.issa.com/cims/ice.

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Demonstrate to the professional cleaning world that your organization is the “king of clean” in the 2015 ISSA/INTERCLEAN® North American Music Video Challenge.

The third-annual video challenge calls upon all organizations in the commercial cleaning industry to create a video of their team lip syncing to the custom song “viva the One Show” (set to the music of the Elvis Presley hit “Viva LasVegas”) to promote the upcoming ISSA/INTERCLEAN North America trade show, being held Oct. 20 to 23, 2015 in Las Vegas, NV.

Download the Video Challenge Kit (ZIP file) at www.issa.com for complete details. Submissions are due Aug. 31, 2015 and will be judged on quality and creativity. Entries will be posted as they are received, so be sure to submit videos early to get optimal exposure.

Winners will be edited into the final ISSA music video used to promote the show at ISSA’s discretion. The video will be featured on ISSA.com before the show, before each of the keynote sessions at the show, and in the ISSA-TV Live Stream online broadcast from Las Vegas.
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people worry about it, marry into it, kill for it and dedicate their whole lives to accumulate as much as possible. Also considered the root of all evil we are, of course, talking about money.

Humans have had a strong affinity for money and its history can be traced back to over 14,000 years ago.

There are a number of myths surrounding money, with the most famous being that four in every five dollar bills in the United States carries traces of cocaine. The myth has been found to be true, not so much because of the extent of drug-taking, but how residues can be spread between notes by handling, ATM and counting machines. Although the myth is true, it should be noted that the quantities of the drug ranges from parts per trillion to parts per billion.

Another enduring myth is that money can carry a diverse range of pathogens that can potentially make us ill. This was not always the case as our ancestors used the antimicrobial properties of money (silver, copper or gold) to disinfect water. The real problems occurred when paper currency was introduced in the 20th Century.

The first study of note was published in 1949 when Nisbet & Seoch highlighted the potential for money to be a vehicle for the transmission of clinically relevant pathogens. Since then there have been a number of articles and papers published on the microflora of money.

On the mainstream media “dirty money” stories have been fillers for slow news days or fodder for germaphobes, so it is timely to review what we currently know and put the risk into perspective.

There are actually three parts to the question: Are pathogens found on currency, can they survive and can a potentially-infective dose be transmitted.

Pathogens recovered from currency

From reported studies, the currency with the highest microbial loading is the United Kingdom at four log cfu per banknote. A recent study using next generation sequencing have identified 3000 types of bacteria present on U.S. dollar bills, but only 20 per cent of the population could actually be identified.

The majority of bacteria present were those commonly associated with skin
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~ Lake Washington Institute of Technology
Kirkland, WA

Casey Huebner
Facilities Manager

Andy Bang
Head Custodian
with the occasional pathogen such as *Staphylococcus aureus*. The currency that has been found to harbour the highest prevalence of pathogens is the Romanian Liar with multi-drug resistant *E. coli* and *Staphylococcus aureus* being recovered.

A further study evaluated the prevalence of pathogens or safety indicators on Iranian currency. It was reported that over 50 per cent of the currency harbored *E. coli*. Moreover, *Salmonella*, *Listeria*, *Staphylococcus aureus*, *Yersina* and *Bacillus cereus* were also recovered at a prevalence of two- to 25 per cent depending on the pathogen.

For more exotic pathogens, one only needs to visit Africa where pathogen protozoan, enteric viruses, mycotoxin producing moulds along with the traditional bacterial pathogens such as *Staphylococcus aureus* were recovered from banknotes.

A common link with studies is that pathogens had a tendency to be recovered from paper notes that had been in circulation for some time, and sampled at food service outlets or clinical environments.

**Survival of pathogens and banknotes**

The survival of pathogens or their surrogates has been found to be currency dependent, with the Romanian Liar supporting the longest survival. Specifically, *S. aureus* and *E. coli* have been found to persist for over a week on the currency. It has also been reported that the Romanian Liar is only one of a limited number of currencies that can support the growth of microbes provided the humidity is high.

For other currencies there is a relatively rapid die-off of pathogens due to desiccation, although viable cells could still be recovered after 48 hours. Dormant microbes, such as *Cryptosporidium*, have longer persistence, with flu viruses retaining infectivity for 17 days. Paper currencies have been correlated to extended persistence with the new polymer notes supporting less adherence and survival of microbes.

**Transfer of microbes from banknotes to hands**

The final part of the transmission process is the transfer of microbes from banknotes to fingertips then finally to the food item. Yet again, the Romanian Liar leads the way as being the currency that facilitates the highest transfer of microbes to fingertips which is closely followed by the U.S. dollar.

In comparison, European banknotes have a lower degree of transmission to fingertips. As one may expect, moist fingertips acquired a higher level of microbes from banknotes compared to those that were dry.

**Conclusions**

Based on the available data, one certainly would recommend washing hands after handling currency in food service outlets or clinical settings. Here, the risk of transferring pathogens can be considered high and the time between different handlers low. Even in everyday life it might be prudent to wash hands after handling currency, especially when visiting Romania by all accounts.

**Articles of interest**


**About the Author**

Dr. Keith Warriner is currently a Professor within the Department of Food Science at the University of Guelph, ON. Over the past 15 years, Dr. Warriner has published more than 100 papers, book chapters, patents and conference abstracts. He has given numerous media interviews of food safety issues and appeared on CBC Marketplace to highlight sanitation issues with hotel rooms. Dr. Warriner has broad research areas encompassing development of decontamination technologies, biosensors for biobadger detection, and more fundamental research on the interaction of human pathogens with plants. He is current president of the Ontario Food Protection Association.

– This article is posted on the Deb Group Hand Hygiene, Infection Prevention and Food Safety blog at http://info@debgroup.com/blog.
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As winter fades away, flowers aren’t the only thing springing up on your property. Rising temperatures also mean increased pest activity as they seek the three survival elements – food, water and shelter. This means just about every building is vulnerable. To help protect your facility against infestations this year, take a green approach by using Integrated Pest Management (IPM). An IPM program is the most effective and environmentally conscious approach to pest management. It focuses on proactive sanitation, habitat changes and facility maintenance, reducing the need for reactive treatments. It is also a crucial step along the road to sustainability.

Because pests are often overlooked until there is an infestation or crisis, it’s crucial to understand that seasonal pests – including flies, rodents, birds and mosquitoes – are more than a nuisance. Spring provides the perfect time to take these preventative steps to lock pests, and their associated health risks, out.

As snow melts, it can create an ideal breeding ground for mosquitoes, which can transmit pathogens and parasites that cause malaria, West Nile virus and filarial heartworm in dogs.

Similarly, there are at least 65 different diseases known to be linked to flies, including anthrax, cholera, dysentery, leprosy, tuberculosis and typhoid fever.

Rats and mice can contaminate food and spread diseases as well. A thorough cleanse of your property can go a long way in the prevention of a possible rodent infestation as they colonize in hard-to-reach areas. Without intervention, one pair of mice may produce 200 offspring in four months.

The key to an effective pest management program is preventing pests before they have the chance to take hold.
they become a problem.

Get a head start on IPM by using the checklist below to add some GREEN to your spring routine:

- **G**rab some organic cleaners to scrub behind and under equipment. These cleaners use naturally-occurring enzymes and beneficial micro-organisms to break down the trapped dirt, grime and food particles that can attract flies and provide breeding grounds. In fact, the areas hardest to clean are often the most conducive to pests’ needs.

- **R**einforce your written sanitation plan. IPM is not a one-time event, but an ongoing process that requires the effort of your entire staff. Your plan should define specific roles and responsibilities to establish a routine. For example, if you or a staff member spots ants inside the building, collect a sample for proper identification and alert your pest management professional immediately.

- **E**liminate pest hotspots on your grounds by checking gutters for leaks and debris that can lead to moisture build-up. Clogged gutters are ideal breeding grounds for ants, mosquitoes and cockroaches.

- **E**valuate the building integrity by inspecting all entry points around the perimeter. Limit the vegetation and trim tree branches that may have grown against your building. By creating a vegetation-free barrier of at least one metre, you can keep foliage from providing cover and hiding potential pest entry points. You can help deny entry by sealing all cracks and crevices in the walls, floor and pavement with weather-resistant sealant.

- **N**ix any trash in and around your building. Work from the outside in to make sure grounds and parking lots are free from trash and debris that may have been hidden under winter snow drifts. Partner with your waste management professional to clean and rotate your dumpsters to help keep conducive conditions to a minimum. Dumpster rotation is especially important during warmer months when flying pests are in their prime.

Indoors, the spring cleaning process must include emptying and cleaning all storage areas. As you go through closets, be sure to recycle any cardboard boxes, as cockroaches can feed on the glue binding as well as hide in the boxes.

Keep these pest management tips in mind as you work with your staff and pest management professional to get a fresh start. By following the GREEN checklist, you can help maintain a clean and green facility, and provide a healthy environment for all.

**About The Author**

Alice Sinia, Ph.D. is the Resident Entomologist – Regulatory/Lab Services for Orkin Canada focusing on government regulations pertaining to the pest control industry. With more than 10 years of experience, she manages the Quality Assurance Laboratory for Orkin Canada, and performs analytical entomology as well as provides technical support in pest/insect identification to branch offices and clients. For more information, contact Alice Sinia at asinia@orkincanada.com or visit www.orkincanada.com.
The Canadian Commercial Cleaning Association (CCCA) has announced it is holding its first national commercial cleaning conference on Apr. 27 and 28, 2015 at the International Centre in Mississauga, ON. Supported by BOMA Toronto, this show will run in conjunction with the Canadian Sanitation Supply Association’s (CSSA) Can Clean 2015 trade show.

The CCCA was founded in 2012 by seven of the largest janitorial contracting companies in Canada and is now expanding its membership. The commercial cleaning industry employs approximately 500,000 people who clean over 500 million sq. feet of commercial real estate space in Canada.

Over the past decade CCCA members who clean office buildings, retail space, as well as numerous educational and health care facilities have come under pressure to reduce costs in order to keep or win cleaning contracts. As a result, a need to standardize practices has been identified.

CCCA clients, such as Bentall Kennedy, Brookfield, Cadillac Fairview, GWL Realty, Morguard and Oxford Properties, are all ahead of the cleaning industry. They have set up their own standards in areas such as energy efficiency, safety and emergency preparedness.

One of the first accomplishments of the CCCA has been to write a Best Practices handbook for the commercial cleaning industry. This is a collaborative effort which included input from an advisory panel of senior property managers from across Canada.

The Best Practices handbook provides the standards for the industry as defined by major companies in the industry and property management. It has been sponsored by a number of key industry suppliers.

According to a CCCA spokesperson, “we believe that the main beneficiary will be the millions of Canadians who work in cubicles and offices across the country. With the new standards, particularly around cleaning for health and reducing exposure to bacteria, dust, harmful chemicals and airborne particulates, cleaning quality will improve.”

The CCCA is also working with the CSSA to promote its “Green Sustainability Manager” program.

“We are proud to sponsor this initiative,” said Mike Nosko, executive director of the CSSA. “CSSA is a leader in both cleaning for health and environmentally-responsible cleaning chemicals and cleaning practices. We know that the average Canadian office worker cares about the environment, and through this program, we can work with both the CCCA and BOMA to re-assure that their work space is healthy and being cleaned in an environmentally-responsible fashion.”

The CCCA is also looking at a set of labour and corporate responsibility standards. The cleaning industry is characterized by a large immigrant work force, and although the wages paid by the larger contract companies are relatively good, use of undocumented workers and paying below minimum wage still happens. With a planned industry certification program will come better training, supervision, additional adherence to productivity norms and more consistent cleaning practices.

For more information about the CCCA, its members or sponsors, call (416) 494-1440 or e-mail info@cdncca.ca
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Trade Show SPECIALS!

This year’s Can Clean 2015 promises to be a buyer’s dream! Over 70 companies will be offering fantastic show specials in their booths specifically for trade show attendees! Don’t miss this outstanding opportunity to bring the latest product innovations right to your facility at special show pricing!

EXHIBIT HOURS: April 28 – 10 a.m. to 5 p.m.
April 29 – 10 a.m. to 3:30 p.m.
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eet new contacts and open new doors at the 33rd edition of Canada’s only national trade exposition for the cleaning and maintenance professional – Can Clean 2015 – being held Apr. 28 and 29, 2015 at the International Centre, Hall 5, in Mississauga, ON.

Produced by the Canadian Sanitation Supply Association (CSSA), this year’s Can Clean 2015 promises to be a buyer’s dream. Over 70 industry leaders will be exhibiting at Can Clean 2015 and will offer fantastic show specials in their booths, specifically for trade show attendees. Exhibit hours are:
- Tues. Apr. 28 – 10 a.m. to 5 p.m.
- Wed. Apr. 29 – 10 a.m. to 3:30 p.m.

In addition to the trade show, Can Clean will also offer informative educational programming attendees can’t afford to miss. Industry experts will present pertinent information and answer questions on current issues facing cleaning professionals.

These informative sessions include the following:

**Session A** – Tues. Apr. 28 – 9:30 a.m.
**The True Value of Clean**
Speaker: Daniel Wagner, director of Facility Service Programs, ISSA

It’s time that facility decision-makers stopped thinking of cleaning as a cost and started thinking of it as the profit centre it truly is. With a demonstrated positive impact on health, productivity, sustainability and asset preservation, cleaning is a crucial piece of the facility management and operations puzzle. Learn how you can use tools and information to help promote cleaning as a necessary investment in better health, a better environment and a better bottom line.

**Session B** – Tues. Apr. 28 – 1 p.m.
**The Needs and Challenges of Property Management with Cleaning Services**
Panel Discussion

The Canadian Commercial Cleaning Association (CCCA) will be holding its national conference in conjunction with Can Clean 2015. CCCA will moderate a panel presentation discussing some key issues affecting property managers in today’s world. Panel members will respond...
to questions in an open forum, such as:

- The top three needs of your building service provider;
- Where do you see “future value” in the cleaning process for you and/or your tenants;
- Bundling of services;
- How are environmental requirements changing your buildings; and,
- Where do you see the cleaning industry “missing the mark.”

Session C – Wed. Apr. 29 – 9 a.m.
**The New WHMIS – Implementing the Globally Harmonized System**
Speaker: Barbara Foster, author of GHS Within OSHA Compliance Procedure Manual

Suppliers and distributors of hazardous chemicals, chemical purchasers, supervisors in charge of workplace safety, managers involved in workplace safety, and Joint Health and Safety Committee representatives will benefit from this program. The session will touch on the origins of the Globally Harmonized System (GHS) from purple book to WHMIS, and the time frame for implementation. The new classification scheme and symbols for GHS will be illustrated, as well as the significant differences between GHS and the old WHMIS system. Foster will demonstrate how to build a label under GHS (how classification is used to create the GHS label), as well as the creation of an SDS for GHS (new requirements and variations for international shipments).

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# Can Clean 2015 – Exhibitor Listing

## (As of March 26, 2015)

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Session D – Wed. Apr. 29 – 1 p.m.  
**Infection Prevention and Control – Sustainable Environmental Hygiene**  
Speaker: Mark Heller, MBA, Chair, Environmental Hygiene Interest Group, Infection Prevention & Control – Canada

Whether it is for reasons of cost control, responding to shifting community attitudes, or genuine concern for environmental health, healthcare facilities are becoming more green. Waste reduction, water conservation and “environmentally responsible” product selection are the new norm. Sometimes, however, the requirements of environmental hygiene are seen to be at odds with sustainability objectives. Balancing sustainability objectives against the core organization mandate for the safest possible patient care can be a challenge. The purpose of this session is to explore the intersections between environmental hygiene and sustainable practices in waste reduction, green cleaning and water conservation.

Be part of the largest collection of sanitary supply products and services in one place in Canada – be part of Can Clean 2015.

For more information and to register, visit the CSSA’s web site at www.cissa.com or call (866) 684-8273.
NEW @ Can Clean 2015!

SCA Launches New York Premium Skincare Products

SCA, the producer of Tork brand Away-from-Home hygiene products, has launched a new line of foam and liquid skincare products and dispensers. Designed to meet the needs of patrons, the premium foam soap and sanitizers have been reformulated to meet the growing need for a gentler solution to everyday hand washing, without sacrificing hygiene. Adding to the existing liquid soap offering, the gentle foam products provide comfort to all levels of skin sensitivity, while moisturizers prevent over-drying. The foam soap dispensers are designed for consistent, hygienic hand washing and easy maintenance. The Tork Elevation family now offers a variety of stylish washroom products including tissue, towel and soap dispensers, created to complement and elevate a wide range of restroom environments. The dispenser line has been expanded to accommodate the foam products and complete the Elevation line with both manual and automatic foam dispensing options.


Avmor’s Dock and Dumpster Sustainable Solution

Cleaning out dumpsters and loading dock areas is an unpleasant task. Soiled areas attract all types of insects and rodents. Traditional cleaning requires physical scrubbing and strong hazardous products. The dock and dumpster treatment uses UL EcoLogo-approved Biomor multi-purpose cleaner combined with the Duo-Action foaming dispenser to instantly release micro-organisms to attack malodours and digest organic matter that builds up in dumpster areas. Dock and dumpster areas can be effectively cleaned and deodorized with residual cleaning that is said to last up to 80 hours after application. The environmentally-preferable solution ensures that facility owners provide a safer, healthier and cleaner environment without the risk of toxicity that is sometimes associated with conventional cleaners.


Globe Commercial Products Launched

In the janitorial, food service and industrial sectors, the cycle of end-users wanting better pricing and suppliers regularly increasing their prices, continues to put strains on industry organizations. It was this endless cycle that motivated former

Get In the Zone with CanSafe – Safety Zone

The Safety Zone is a direct importer and manufacturer of supplies and devices for safety, medical and food processing applications. The company has been steadily growing business since 1973, and now operates through five locations in the United States and Canada. CanSafe/Safety Zone offers a complete line of disposable gloves, garments and safety products coast-to-coast in Canada through the CanSafe industrial, safety, janitorial, food service and specialty supply distributors which the company has been serving since 1977.


Innovative CleanTelligent Software Helps BSCs Excel

The world of business is ever-evolving – it has, is and will always be dominated by those who are looking for new and innovative ways to get ahead of the curve. One such innovative tool is CleanTelligent software, a quality control and janitorial software that is said to help building service contractors (BSCs) and facility managers excel. Whether it is through the company’s award-winning Inspections and Work Orders mobile app or the new Bidding and Estimating module, the goal is to provide customers with the tools they need to improve client retention and increase revenue. The owner of Clean Tech Janitorial, a CleanTelligent client, recently reported that his personal workload was reduced by 90 per cent by using the software. The extra time afforded to this business owner allowed him to focus more of his time on building and strengthening relationships with each of his clients.

For more information, contact CleanTelligent Software at info@cleantelligent.com. Booth No. 436.

Deb’s GrittyFOAM® Wins Gold in OHS Readers’ Choice Awards

Deb’s GrittyFOAM industrial hand cleaner recently received gold medal honours in the first annual Occupational Health and Safety Canada (OHS Canada) Readers’ Choice Awards. The hand cleaner took home first place in the “Hand and Arm Protection” category. GrittyFOAM is said to be the first-ever, heavy-duty foaming hand cleaner with scrubbers suspended in the foam. It is specifically-formulated to combine the cleaning power of traditional heavy-duty hand cleaners with the gentleness of foam. Preferred by nine out of 10 users in a recent user study, the hand cleaner is said to be
Diversey Care Oxivir Cleaner Disinfectants

Diversey Care’s Oxivir® cleaner disinfectants, powered by AHP® (hydrogen peroxide) technology, are said to disinfect against most common healthcare-associated pathogens, including multi-drug-resistant organisms, in just 60 seconds. Oxivir provides thorough soil removal to allow for effective, one-step disinfection. With an HMIS rating of 0-0-0-0, the product falls into the lowest hazard category, remaining gentle for staff and patients, and requiring no safety warnings or personal protective equipment. Oxivir is also gentle on surfaces and protects assets because its chemistry is said to allow it to break down to oxygen and water after use. To meet the differing needs of facilities, Oxivir is offered in ready-to-use wipes of various sizes, and disinfectant cleaners.

For more information, contact Diversey at www.diversey.com/Oxivir. Booth No. 311.

A Complete Carpet Care System With “Amazing Results”

Easy cleaning and beautiful carpets are possible with a new system being offered by P & G Professional. The Pro Line® carpet care system is said to simplify carpet cleaning. Facility owners can maintain, restore and protect carpets with a complete, high performance system that is said to help carpets look their best. P&G Professional carpet care products are designed to help keep business carpets looking great and smelling fresh. The commercial carpet care products are said to provide powerful spot removal to minimize re-work, and bonnet cleaning to minimize the need for extraction.

For more information, contact P&G at www.pgpro.ca. Booth No. 125.

ECore Air System From Spartan Chemical

Spartan Chemical is pleased to introduce the ECore air system which features the newest technology for any facility’s “air care” needs. The unique, dual-technology fragrance diffusion system is said to deliver consistent fragrance intensity for 60 days. Completely free of solvents, propellants, HFCs and VOCs, ECore is said to be not only safer for building occupants, but safer for the environment with a refill that is 100 per cent organic and biodegradable, and a dispenser that is 100 per cent recyclable. The passive air system refreshes rooms through natural airflow, which results in no batteries to change or energy to consume. Submicron particles are said to remain airborne for hours compared to traditional systems. The ECore system contains no liquids so it won’t spill – even if knocked over – and replacing the refills is easy.

For more information, contact Spartan Chemical at www.spartanchemical.com. Booth No. 726.

ProTeam’s New ProGen™ Upright Vacuum

Upgrade efficiency with ProTeam’s new ProGen™ upright vacuum. Innovative features, reliable performance and advanced manoeuvrability are said to make the unit the “Next Generation” of upright technology. Durable construction and no-tools maintenance are said to assure low cost of ownership. The animated dashboard alerts the user of airflow blocks or brush roll jams, while large, rubberized wheels smoothly manoeuvre obstacles and thresholds. A low profile power-head easily cleans under furniture and an ultra-bright LED headlamp illuminates the cleaning path. A lightweight, anti-fatigue handle provides comfortable operation while a low centre of gravity improves stability. Equipped with HEPA Level Filtra- tion™ to improve IAQ, the upright is available in 12- or 15-inch widths for productivity in a variety of applications.


Lawrason’s Maintenance Free Dispensing System

Lawrason’s is proud to announce a new Maintenance Free Dispensing System.

Users can control costs and dilution rates with precision and accuracy with the “ready-to-use” dispensing system, which is available in mop/bottle refill, foam sprayer and kitchen sink dispenser formats.

Ur-Can Refillable Air-O-Sols

Ur-Can’s new air-o-sol “bag on valve” (BOV) cans are said to be the way of the future. Imagine being able to refill aerosol cans in-house or having the flexibility to do “short runs” on products. The new filling equipment makes it easy for smaller companies to private label and use products that are environmentally responsible. If an organization prefers to out-source, Ur-Can also offers a full cycle refilling service that includes the pick-up of empty aerosol cases and replacement with full product. If the aerosols require registration with a regulatory agency, Ur-Can will provide the correct, registered labels. The system is said to be ideal for small shops that use a few cases of product per month. Additionally, with the Ur-Can total service package, products are dropped at the door, where and when they are required. Simply use the cans and place them back into the returnable cases for refilling at one of the company’s facilities.

For more information, contact Ur-Can at (905) 537-0760. Booth No. 332.
leaning professionals involved in carpet cleaning may not always pay sufficient attention to the chemicals they use to clean carpets. Typically, their focus – and this applies to carpet cleaning technicians as well – is on the machine, not the chemicals.

Compare it to automobiles. We can all get emotional and taken by a shiny, new car, but how many people jump up and down with excitement about the gasoline used to power that car? Very few, I suspect.

However, the chemicals used to clean carpets are important. View the entire carpet cleaning process as a system. Every component in the system works to produce the desired result – clean and healthy carpets – and, possibly even more important, ensure that no undesirable results occur.

While it can be viewed as an unfortunate anomaly, the following example shows why proper carpet chemical selection is crucial to the entire carpet cleaning process. Several years ago, a middle-aged woman hired a professional carpet cleaning company to clean the carpets in her home using the extraction method.

After the technicians completed their job, the woman left the house for a few hours to allow the carpet to dry.

When she returned, she began to experience trouble breathing. Eventually she had shortness of breath that evolved into cyanosis, similar to asphyxiation or choking. The problem became serious enough that she was transported to a hospital where she remained for several days. The reaction she was experiencing was to the chemicals used to clean the carpets, and while this is a rare occurrence, because her reaction was so severe, public health officials were called in to in-

Continued On Page 26
IT'S NOT CLEAN UNLESS YOU WIPE IT ALL AWAY

KILLING MICROBES DOESN'T MAKE THEM DISAPPEAR.
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vestigate the incident.

Investigators found the following:

• Large amounts of sodium tripolyphosphate, dipropylene glycol methyl ether and other chemicals in varying amounts in the carpet cleaning solutions were still present in the carpets, as well as in the air 14 days after cleaning.

• Because the reaction was due to the chemicals, the carpets may not have been extracted as thoroughly as necessary, which is one reason these chemical ingredients still existed in such high quantities so many days later.

• Instead of a few hours to dry, the carpets probably took more than 72 hours to dry, which likely exacerbated the woman’s reaction.

As already mentioned, such a reaction to carpet cleaning chemicals is unusual. But a reaction is possible and all the more reason that carpet cleaning pros must pay closer attention to the chemicals used in carpet cleaning than they may initially realize.

Selecting Carpet Cleaning Chemicals

For those who have not done so already, it can be quite an eye-opener to see how many carpet cleaning chemicals are available from the many different manufacturers. A quick glance at the website of just one major distributor marketing carpet cleaning chemicals reveals the following:

• 72 different carpet cleaning detergents and rinses.
• 11 carpet protectors (Scotchgard, etc.).
• Nine de-foamers and de-scaling chemicals.
• 28 deodorizers.
• Four pre-sprays.
• 22 pet odor and pet stain removal treatments.
• 15 carpet cleaning shampoos.
• 81 carpet spotters and stain removers.

This is a total of 242 different carpet cleaning solutions. And, while this is a major distributor, all these products are manufactured by only about a handful different chemical manufacturers. There are many more manufacturers of carpet cleaning chemicals, which means the number of carpet cleaning chemicals and solutions may actually number into the thousands. Because of this, selecting the right chemicals for your facility or for your clients can prove quite a chore.

Making matters worse, each distributor is likely to suggest that its chemicals are superior to brands from other manufacturers. This may be true in many cases, and the distributor may believe this strongly, but in the end you, as the consumer, are going to have to make that call as well as the chemical selection.

So how are you going to do this?

What we see in larger facilities – and a service that cleaning and carpet cleaning professionals can take advantage of – are computerized programs or web-based “dashboards” that some jansan distributors now have access to. With these systems, according to Leah Waldrop of AFFLINK, a leading marketing and sales distribution organization, the distributor first analyses what chemicals are currently in use for carpet care.

“This is often referred to as a ‘needs analysis,’” she said. “You have to first inventory all the chemicals now being used, for the software or dashboard (system) to recommend chemical alternatives.”

Referring back to the unfortunate incident discussed earlier, Waldrop said that some systems can suggest green-certified carpet cleaning alternatives that are likely, overall, safer for the technician and the customer, and have a reduced impact on the environment.

“The ultimate goal with these programs is to allow the user to (easily) find chemical alternatives that are comparable in performance but may be more cost effective, perform better or, in this case, have fewer environmental impacts,” Waldrop said. “It’s certainly a lot easier than meeting with a score of distributors and reading the labels on hundreds of chemicals.”

Effective Cleaning While Protecting Health

While there has been talk of chemical-free cleaning for different tasks, chemicals play a crucial role when it comes to carpet cleaning and the health of facilities. They loosen and dissolve soils so that the equipment used can easily and quickly remove them from the carpet.

“Because chemicals play such an important role, cleaning professionals and carpet cleaning technicians are advised to work with their distributors, especially those that have software and computerized systems as discussed here, to identify carpet cleaning chemicals that are effective, cost effective, and safe for the user and building occupants.”

— Robert Kravitz is a frequent writer for the professional cleaning, carpet cleaning and building industries.
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**INDUSTRY NEWS**

**IIARC TO MOVE GLOBAL HEADQUARTERS TO LAS VEGAS**

The Institute of Inspection, Cleaning and Restoration Certification (IIARC) has announced that it is transitioning its headquarters location to its Global Resource Centre in Las Vegas, NV. As a part of the move, the IIARC is also changing association management firms to Metacred, an association management firm specializing in credentialing programs.

The Institute’s new global headquarters is now located at 4043 S. Eastern Ave., Las Vegas, NV 89119 – Tel.: (775) 553-5458.

“Moving the Institute management operations to our global resource centre has long been a part of our strategic vision,” said Tony Wheelwright, IIARC chairman. “While there are a number of benefits, a primary benefit is offering our key stakeholders better access to the Institute operations and improving the transparency of our operations. It’s an exciting time.”

The change in association management responsibilities was determined following a comprehensive request for proposal (RFP) process. The IIARC board of directors selected Metacred based on its expertise, capabilities and vision for the future of the Institute. As part of the transition, the IIARC hopes to improve overall operational efficiencies, including improvements to the exam development and review system. It will also review its current certifications and standards, and benchmark them against relevant industries to ensure it continues to provide best-in-class programs.

The move will also improve the IIARC’s proximity to some of the industry’s largest trade shows. It is the Institute’s goal to further develop the Global Resource Centre, and provide additional testing and certification resources while capitalizing on attendance at these events.

“We couldn’t be more appreciative to Tom Hill and the hard-working staff at KCI for their dedication to growing our organization to where it stands today,” Wheelwright said. “Through our new relationship with Metacred, we feel that the Institute is positioned for future success as they will help us take the next step in elevating the visibility and acceptance of our standards and credentialing programs.”

**EXECUTIVE PROMOTIONS AT THE ANDERSEN COMPANY**

The Andersen Company is pleased to announce that Robb Andersen has accepted the position of director of Innovation for company, while Mike Andersen has assumed the position of company president on Mar. 1.

In his new position, Robb Andersen will focus his talents toward innovation and product development, while at the same time allowing a smooth and systematic transition to the next generation of leadership.

Mike Andersen is a 29-year veteran of the company with extensive experience leading both manufacturing and sales initiatives.

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- Wringers accommodate a variety of flat mops as well as 12 - 32 oz. traditional wet mops.
- Pegs for holding wringer insert.
- New and improved pour spout for smaller sinks.
- Private label imprint available.
- Clip for holding mop handles prevents them from falling.
- Flat mopping roller wringer fits bucket.

- 40 Quart 37 Litre
- Large 3” smooth casters – for less rolling resistance

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Canadian Sanitation Supply Association (CSSA) board member, Ian Wilson, to create Globe Commercial Products Inc. – a company that is geared toward alleviating the strain by bringing high-quality, commercial grade products to the Canadian market at “unbeatable prices.”

“For too long, suppliers have dictated the highest prices possible on commercial products,” said Ian Wilson, president of Globe Commercial Products Inc. “Globe is here to give the Canadian market direct access to quality, tested products with the bulk buying power of a multi-national corporation.”

Partnering with Product Source International, a company with over 30 years of importing expertise, Globe will focus on low-cost solutions for the janitorial, food service and industrial segments. The company’s unique business model removes various costs with Globe taking care of foreign exchange risk, container costs, ocean freight, duties, taxes and local Canadian freight.

Leveraging Globe’s centralized Distributor Centre overseas, clients can create customized 20- or 40-foot containers at the click of a button, and access over 400 products, all sourced from top suppliers.

This innovative ordering system is said to take e-Commerce to the next level, with features such as “Add to Your Container,” partnering with Product Source International to create bulk buying power of a multi-national corporation.

Ensuring that all products meet the high quality that Canadians are accustomed to is Globe’s top priority and is taken very seriously. Wilson has travelled around the world to test and source only items that will meet or exceed North American standards. Additionally the company employs local professionals around the world who work with various suppliers. This highly-experienced team conducts factory tours and routine quality checks, negotiates the best rates possible, and ensures orders are filled quickly and correctly.

Globe Commercial Products Inc. will officially launch at Can Clean 2015. For more information, visit the company’s website at www.globecommercialproducts.com. Booth No. 737.

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 Deb’s GrittyFOAM® Wins Reader’s Choice Award  Continued From Page 22

HEALTHY HOUSE INSTITUTE RELEASES ZERO-VOC FACT SHEET

The term “zero VOC” on product labelling is often a misnomer. The designation, historically used for paint and adhesives, is now finding its way onto cleaning products.

Products labelled “zero VOC” may be absent certain VOCs (e.g. chlorofluorocarbons, ethylene dichloride, methyl chloride, perchloroethylene and trichloroethylene) under smog-prevention rules, but still contain others. Chemicals that do not create outdoor smog can still be harmful to breathe indoors.

“Zero-VOC” may indicate VOCs are merely restricted to lower levels which, while helpful, is not necessarily “healthy” since even very low levels can have long-term health impacts – depending on the mixture, exposure and individual sensitivity.

Volatiles are chemicals often found in cleaning, building, furnishing and personal care products. Volatile means they evaporate or become airborne; Organic means they are carbon-based; and Emissions are levels entering the air from products.

Overall emission rates of so-called “Zero VOC” products can be extremely high. In one case, total VOC (TVOC) emissions of a Zero VOC floor adhesive was 40,000 mg/m²/h (milligrams per square metre per hour) when an accepted safety threshold is just eight milligrams per square metre per hour.

Use of these products should include:

1. Eliminate the source.
2. Ventilate the area.
3. Filter the air itself.

For more information, contact the Healthy House Institute at www.HealthyHouseInstitute.com.
Because your world is busy enough.

See for yourself! Learn more at CanClean 2015 -- Spartan Booth 726.
COMFORT
The adjustable padded harness on the 10Q QuietClean BackPack and easy-connect waist belt create a “comfortable” fit.

SOUND
At only 62.5dBA the 10Q QuietClean ranks among the quietest backpacks.

PRODUCTIVITY
The 10Q QuietClean BackPack vacuums up to 7,407 sq. ft. per hour—more than twice as productive as most uprights.

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The lower cost of ownership for the 10Q QuietClean BackPack is based on initial machine cost and maintenance costs over the life of the product.

TIME TO TRY IT.

YOU’VE SEEN IT... NOW TRY IT!
The 10Q QuietClean HEPA BackPack is CRI Gold Certified, so you won’t have to spend time dusting after vacuuming. This LEED compliant BackPack clean quickly and quietly with an 11.5-amp motor and wide 14-inch cleaning path for getting the job finished faster. Sanitaire’s Two-Year Promise of Performance Warranty™ and 1,200 warranty centers mean you never have to worry. But most of all, it’s a Sanitaire. Isn’t it about time you owned one?

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