

Pharmacal's New Home

Pharmacal Research Laboratories New Corporate Facility

Pharmacal Research moved to a larger facility August of 2004. The worldwide corporate facility is now headquartered in Waterbury, Connecticut. The new site incorporates the main office, the manufacturing division, the QC laboratory and the Connecticut warehouse all under one roof. Our mailing address is still PO BOX 369, Naugatuck, CT 06770, and the phone number is still 800-243-5350. The QC lab now has its own fax number: 203-755-4309. The lab and manufacturing plant now have their own fax number:



Our New Headquarters

203-755-4318. As always, customers and friends are welcome to take a tour and to satisfy your vendor inspection requirements. Please call for an appointment.

THINK GLOBALLY, ACT LOCALLY

Pharmacal Research Laboratories strongly supports the laboratory animal community. We have been a vendor at national AALAS meetings for over 30 years. Jerry Shapiro and Ken Shapiro were both national Allied Trades Association presidents and both have held national AALAS committee positions. Ken Shapiro currently sits on the AALAS Foundation Board of Directors. Everyone attending national AALAS meetings might remember Ken as the auctioneer for the Foundation.

The leadership of Ken and Jerry extend to our Pharmacal area representatives, who are involved in the local branches and on the national level.

PAUL CHAVEZ belongs to 12 branches, from New Mexico to Washington state, and has been the District 8 Symposium Vendor Chair 4 times in the last ten years. He also has been an active sponsor of the District 8 Bar-B-Q and one of the principle chefs for that event

for several years. Rumor has it that he is the best cook in Pharmacal! In addition to the large District meeting, he attends the local branch symposiums and sponsors a table top at those meetings.

FRANK LYNCH from the Mid-Atlantic area is NCAB/AALAS Co-Chair of their Institutional Membership committee, and Co-Chair of the Seminar/Exhibits committee for the NCAB annual fall meeting.

BRIAN GILLMAN from the Southwest area is geographically busy as well as busy volunteering. He served as national Alternate Trustee for District VII. Brian was recently elected Trustee for District VII for 2005-2008. Brian has been the Texas Branch AALAS Treasurer for the last 6 years and has worked closely with LA-AALAS for the last several years. In addition, he was on the San Antonio National Meeting local arrangements committee. Brian is involved

with the Oklahoma, Colorado, New Mexico, and Kansas City branches as well, and sits on the Texas Society for Biomedical Research Board. In his spare time, he volunteers as an EMT in the Houston area.

STEVE GREEN, Northeast Representative, is involved as the unofficial (and official) photographer for the Metro NY, Upstate NY and the Northern Mountain branches of AALAS. Steve compiles all his photos and sends out compressed email files to the branches' mailing lists. Steve has recently received his 5th Vendor of the Year Award from the branches in the area he covers.

MARK FASCIANO, from the New England area, was on the BOD of NEBAALAS (New England Branch) for two years ('03-'04) and is currently the Membership Chair of SNEAALAS (Southern New England). Mark works to organize membership and the branch's annual directory. This position



will keep him busy until 2008! Mark is the recipient of the SNEAALAS 2005 Vendor of the Year Award.

KEVIN CORMIER, Southeast Representative, is currently president of the SEAAALAS Branch and the Vice Chair of the AALAS District 4. He also serves on the manuscript development task force for Tech Talk.

AMY INGRAHAM, Mid-Atlantic Representative, is responsible for the newsletters of the Central Pennsylvania Branch, Delaware Valley Branch and New Jersey Branch of AALAS. In addition, she edits the Allied Trades Association newsletter, and worked for several years as Tech Talk editor.

NEW PRODUCTS

Clidox™-S Automatic Deactivation System Introduced

Pharmacal Research Laboratories has designed and introduced a Clidox™-S Automatic Deactivation System for facilities requiring pH neutralization and reaction cessation of Clidox™-S at any dilution or batch size.

The use of Clidox™-S in the laboratory animal care field has continued to expand. Those facilities whose standard operating procedures require the use of Clidox™-S in large quantities have been faced with the dilemma of what to do with product that has exceeded the expiration time (for the 1:5:1 dilution this means product over 24 hours old, and for the 1:18:1 dilution this is product more than 14 days old).

Deactivating Clidox™-S by hand can be tedious and can offer potential personnel exposure issues, as the solution can off-gas without proper mixing. The Pharmacal Automatic Deactivation system injects the chemicals to stop the activation process, and then boosts the pH of the solution so that the end result may be disposed of under existing Standard Operating Procedures by the site.

For additional information and pricing, please contact your Pharmacal representative or call Pharmacal at 1-800-243-5350.

ACKNOWLEDGEMENTS

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CHLOROFOAM™

Pharmacal has created a new foaming degreaser, Chlorofoam™, for use in mechanical foaming devices such as PRL Power Foamer™ or Hydro-Foamers. The product allows the user to aggressively decontaminate facility walls, floors, and caging with a product that has inherent foaming abilities. Chlorofoam™ will also effectively remove grease and proteinaceous soils on vertical surfaces. When using the Power Foamer™, the end user will enjoy additional foaming results. One of the active ingredients in Chlorofoam™ is sodium hypochlorite, but this unique mixture prevents the off-gassing associated with typical bleach solutions.

Pharmacal Power Foamer™

The Pharmacal Power Foamer™ is a powerful, portable foaming machine. The unit requires no external water source but relies on its own six gallon reservoir of mixed product to operate, offering more flexibility and additional sanitation methods. And this portable all-in-one unit is easier to clean and disinfect should it be needed in critical care areas.

Operating from a 120 Volt G.F.I. protected outlet, the extra long power cord and a 25-foot hose allow the operator to cover a much greater range while using standard products already in use within the facility. The heavy-duty gun and quiet running internal air compressor produce rich, long-lasting foam for increased coverage of walls and ceilings. As the foam approaches “shaving cream” consistency, the contact time is extended, enhancing the chemical’s performance even on vertical surfaces. The stainless steel hand truck allows for greater mobility within the facility. There are no more “hard to reach” places once you have a PRL Power Foamer™ working for you.

The PRL Power Foamer™ will provide the customer with a new alternative for cleaning and sanitizing runs, walls, and permanent caging. Contact your Pharmacal representative for additional information, for a demo, or go on line to www.pharmacal.com for more literature.





Parvovirus is an important topic in the animal care environment. This organism is constructed of a single strand of DNA with a protein coat or capsid surrounding it. This non-enveloped virus is smaller than most microbial agents, yet it is highly resistant to chemical disinfection and temperature change. The virus is transmitted from one animal to another via contact with an infected animal's fecal material. Trace amounts of feces can be the reservoir for this highly infectious virus. Parvovirus can be carried on clothing and shoes, which contributes to cross contamination. In some facilities, it has reached epidemic proportions.

Canine parvovirus was discovered in 1967. This agent infected newborn puppies. A new variant was identified in 1978, and rapidly spread worldwide. Another mutation was discovered in 1979, that was even more aggressive. The organism is considered to be ubiquitous (found everywhere, in all types of environments).

Prevention and control of the Parvovirus strains in the laboratory animal care environment include proper cleaning and disinfection, which must be performed on a regular basis.

QUATRICIDE® PV EPA Reg. No. 47371-131-08714 and QUATRICIDE® PV-15 EPA Reg. No. 47371-129-08714 are effective against Canine Parvovirus. Please refer to the new label for special instructions for this claim. A disinfectant must be used according to label directions in order to achieve the claims on the label. This includes mixing the proper dilutions and maintaining the required contact time. If a disinfectant is wiped off, rinsed off, or dries out prior to the required contact time; it will not be effective. This creates a false sense of security leading to an increase in the spread of disease.

New technical booklets will be available for the QUATRICIDE PV and PV-15 in the fall of 2005. If you would like a copy sent to you, please call 1-800-243-5350. If you have any questions, please contact your sales representative.

Pharmacal Introduces Chlorine Dioxide Test Strips

Test strips are available for purchase through Pharmacal to test solutions for chlorine dioxide. The strips give a general reading on the available Parts Per Million (PPM) of chlorine dioxide in the aqueous solutions.

These strips are designed to provide a guideline for facility use, and not for specific GLP calibrations. For additional information and pricing, please contact your Pharmacal representative or call Pharmacal at 1-800-243-5350.



Nobact™ Instant Foaming Hand Sanitizer

Patent Pending Nobact™ Instant Foaming Hand Sanitizer produces a fast drying, non-sticky foam. It contains unique non-drying, conditioning and moisturizing ingredients, that leaves the skin with a soft, silky after feel. Nobact™ does not contain polymer thickeners or silicones.

Nobact™ Instant Foam Hand Sanitizer is based on the active ingredient Benzalkonium Chloride. The efficacy of this product has been confirmed to reduce *S. aureus* 99.999% in as little as 15 seconds.

Benzalkonium chloride based hand sanitizers have distinct advantages over gelled alcohol hand sanitizers. Benzalkonium chloride based products are non-flammable, less drying to skin, and will not stain clothing. Published studies report that gelled alcohol hand sanitizers actually make the skin dirtier, not cleaner, due to removal of protective natural skin oils and entrapment of dead skin cells by the polymer thickeners used in the gelled alcohol products.

Samples are available upon request.



AQUATICS

New for Fall of '05

Pharmacal will have its new, redesigned ZFS rack available in late fall of '05. With more shelves per unit and more tanks per shelf, this new and improved model increases capacity as much as 85% per square foot from our previous model! Our interchangeable tanks will now be available in three new sizes – 1.25L, 3.33L and 5.5L. And to add even more capacity, the smallest tank can be divided into three separate compartments. This will allow the user to triple the number of animals they can individually house and maintain. All this, plus the same attention to quality and detail.

XLS & ZFS Racks Available at Reduced Costs

The aquatics division has a few ZFS and XLS demonstration rack models and water systems available for extremely reasonable prices. These racks have minimal use at trade shows or as trial models. They come complete with warranty. Call us for full details, as they will be sold on a first-come, first-serve basis (800-243-5350).



Left:
ZFS Rack



Right:
XLS Rack

AQUATICS PERSONNEL

EMILY CASSIDY (BS from Purdue University, RVT, LATG) has been the aquatics division manager for Pharmacal Research Laboratories, Inc. for the past 4 years. She has over 18 years experience in the laboratory animal field. In 1994, she began specializing in aquatics at the University of Notre Dame Zebrafish Research Facility where she was recruited as an initial organizer and then became manager.

KEVIN DEBAULT, (MS in Aquaculture from Texas A & M University), is the chief aquatics engineer for Pharmacal Research Laboratories, Inc. He has over 8 years experience in designing aquatic research and production systems.

CHRIS ZUERCHER, (BS in Marine Biology and BS in Marine Fisheries from Texas A&M University, MCSE Microsoft Certified Systems Engineer), is the assistant aquatics engineer for Pharmacal Research Laboratories, Inc. He has over 6 years experience in designing and constructing aquatic research and production systems.

MILTON LILIE, (BS from MIT and MS from Polytechnic Institute of Brooklyn in electrical engineering), is the electronic and control system specialist for Pharmacal Research Laboratories, Inc. His experience includes work on Doppler radar development, development engineer in laboratory automation for IBM T J Watson Research Center and Senior Internet Engineer.

DANA BENNETT, (BS in Business Administration from the University of Connecticut), is the aquatics coordinator for Pharmacal Research Laboratories, Inc. She has many years experience in accounting, office management and departmental organization.

JOHN DEBAULT, (Associate degree in Diesel Mechanics from Lamar University), is the field and maintenance associate for Pharmacal Research Laboratories, Inc. performing installations and service calls. He has over 40 years experience in system troubleshooting and maintenance.

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