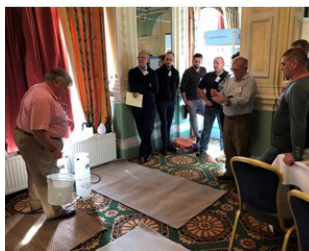


# WOOLSAFE NEWS

THE OFFICIAL MAGAZINE OF

THE WOOLSAFE ORGANISATION

Winter 2018/19



Look  
inside to find  
out more!

Are Enzyme Treatments Harmful to Wool?

WoolSafe Conference Review!

New Approved Products and Licensees

# WELCOME TO THE WINTER 2018 ISSUE OF WOOLSAFE NEWS MAGAZINE



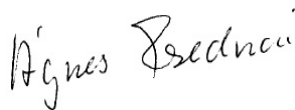
It is a great feeling to look back at the past few months and remember all the activities we enjoyed. The undisputed highlight of this quarter was the WoolSafe Conference, where so many of you

came, enjoyed the presentations and gave us the all-important feedback on our work for you. See the report and the pictures on pages 6 and 7.

We had been busy visiting trade shows and conferences in the UK and abroad, meeting with our present and potential partners, and sharing information on our research work.

I would like to extend a warm welcome to all chemical and carpet suppliers, carpet cleaners and inspectors who joined WoolSafe recently. I wish you continued success in your work; keeping wool carpets performing their best for longer.

I wish all of our members and Industry partners a very merry Christmas and a happy and successful New Year!



Dr Ágnes Zsednai  
WoolSafe Managing Director

## INSIDE THIS EDITION

Marketing Mix	p. 3
Wool Care Project	P. 4
Rug Summit Review	P. 5
WoolSafe Conference Review	P. 6-7
WoolSafe Academy Website Update	P. 8
Around the World	P. 9-11
In the WoolSafe Lab	P. 12-13
Under the Magnifying Glass	p.15
New WoolSafe Licensees	P. 16
New Approved Products	P. 17-18
New Service Providers	P. 18-19
Contact Details	p. 20

WoolSafe  
Conference UK  
review!

New Enzyme Research P. 12-13

Around The World P. 9-11



# Marketing **MIX**

By Steve Bakker  
WoolSafe Global Marketing Director

## 1 month, 5 Events, Countless Opportunities

Between the middle of September and the middle of October WoolSafe was involved in five very different events offering us the potential to market our members' products and services to the public and a wide variety of industry professionals in both the cleaning and flooring sectors.

First up was The Flooring Show in Harrogate, UK. WoolSafe exhibited, as we do every year, with the focus this time on promoting the WoolSafe Advice iFrame to carpet retailers and manufacturers.



I was thrilled to be asked to join a panel discussion with the theme 'The necessity for qualified post-sale service providers to carry out flooring installation and maintenance'. The theatre was packed out with retailers so I seized the opportunity to explain how the qualifying criteria to become a WoolSafe Approved Service Provider (the tripartite of training, experience and use of safe and effective cleaning products) makes the WoolSafe

Global network operators the most professional in the industry.

The Flooring Show was followed soon after by the WoolSafe Educational Conference 2018. Held this year in Bradford, West Yorkshire. The event was very well attended by WoolSafe members and directors from around the world. A full review is on Pages 6 and 7.

At the end of the first day of the conference Ágnes departed and set off for Hungary where she attended a cleaning show (review on page 8). While immediately after the conference I headed down to London to demonstrate the easy 'Cleanability' of wool carpets and rugs at the large-scale Wool Care event organised by Campaign for Wool.

I had just enough time to get a good night's sleep and pack my bags before setting off to Denver, Colorado for Rug Summit 12, the most popular event for area rug cleaners in the USA.

Ágnes gave a presentation on the research WoolSafe has done into the use of enzymes in carpet and rug cleaning. I gave a brief overview of the work WoolSafe has been doing with our Associate Members and the many benefits of joining the WoolSafe Approved Service Provider global network. A full review is on page 5.

There's never a dull moment at WoolSafe!

# Wool Careability Project Review

By Steve Bakker



WoolSafe were invited by Campaign for Wool to demonstrate the easy 'Cleanability' of wool and wool-rich carpets and rugs at their flagship promotion during Wool Week 2018.

The event was held in fantastic autumnal sunshine in Covent Garden, London and attracted good crowds including not only the general public, but also apparel and carpet industry professionals including interior designers, specifiers, manufacturers, suppliers, retailers, university students and the media.

As WoolSafe's Marketing Director and an experienced (former) carpet cleaner I was chosen to carry out live spot and stain removal demonstrations throughout the 2-day event.

Pieces of wool carpet were hung up behind an interactive coconut shy type game. Passers by were encouraged to throw balls at cups containing the most common household liquids that cause staining. When the cups were successfully struck the carpets were splattered with the spills. The carpet was then brought over to me to carry out my simple spot removal demonstration using just kitchen paper and a WoolSafe Approved spotter.

It will come as no surprise to owners of wool carpet that I was able to easily remove all the fresh coffee, orange juice and red wine spills from the wool carpet samples.

The carpets I performed the spot removal demonstrations on were kindly supplied by Ulster Carpets, Cavalier Carpets, Gaskell Wool Rich and ManxTomkinson.

I was interviewed for the 'Wool Guru' series alongside Tim Clark the owner of retail store Clarke's of Romford where we discussed the many benefits of wool carpet.

There are big plans for future wool carpet promotional events in 2019 and WoolSafe will no doubt be involved, offering correct carpet care advice to both the trade and





## Rug Summit 12 - Denver Colorado

Ágnes and Steve from WoolSafe HQ were invited by Rug Summit organiser Tom Monahan to attend, and give a presentation at their 12th event held on October 17th and 18th in Denver, Colorado. This was followed by the Association of Rug Cleaning Specialists (ARCS) workshops on Friday 19th October.

Robert Mann hosted the summit at his brand new state-of-the-art rug cleaning facility. The multi-million dollar plant remained open to business throughout the 3 days of presentations and workshops and gave a fascinating opportunity to observe and participate in the cleaning of a vast array of area rugs.

There were around a hundred experienced rug cleaners who attended, and the focus was very much on how to upscale your business successfully. There were presentations on marketing, business management structures and strategic planning, as well as a panel of experts including WoolSafe North America Director, Ruth Travis.

Ágnes presented the findings of the extensive WoolSafe research that has been carried out over the past year looking at the effect of the use of enzymes and enzyme producing bacteria on wool carpet during the cleaning process.

The findings are discussed on pages 12 and 13 of this issue of WoolSafe News. The research was funded by WoolSafe for the benefit of the industry as a whole.

There were fantastic workshops on the ARCS day looking at rug repair, blocking out rugs to regain their shape and the use of oxidisers and bleaches in treatments.

Congratulations to Tom and Robert for a fantastic and informative summit.



Tom Monahan observes Robert Mann and Craig Bale cleaning some very old Turkman bag faces!



## WoolSafe Conference UK, Oct 4<sup>th</sup> & 5<sup>th</sup>

For this year's WoolSafe Educational Conference we tried out a new format. In the afternoon on day one we ran five workshops side-by-side. Attendees were free to move around the room and acquire the skills they most valued from the WoolSafe Certified Tutors.

The feedback we got from everyone present was very positive and we plan to use the same format at future conferences.

The five workshops are pictured below and from left to right we have:

Ruth Travis sharing her vast knowledge on area rug identification. How to ID rugs by their construction, fibre content and pattern.

Adam Jankowski demonstrating carpet repairs such as bonded inserts and

retufting while keeping the onlookers laughing with anecdotes.

Julie Roberts showing attendees new upholstery fabrics that are coming on to the market and giving tips on best cleaning techniques and how to avoid pitfalls with the more sensitive textiles.

Paul Pearce demonstrating cleaning and protecting viscose carpets and rugs, one of the trickiest cleaning situations our members are facing on a more frequent basis.

Dr. Eric Brown and Barbara Walker, WoolSafe Senior Technologist, demonstrated common experiments that inspectors can carry out in the field as well as more complex experiments that can be done on their behalf in the WoolSafe laboratory.





The workshops are a great opportunity for members to get a taste of what a full training course might offer them. To find out the dates of all the courses visit the WoolSafe Academy website.

In the morning Agnes presented the findings from WoolSafe's investigation into the use of enzymes and enzyme producing bacteria in the cleaning processes used on wool carpet. This is discussed in more detail on pages 12 and 13.

Allan Simmons gave a great talk about GDPR compliance and how to get more revenue out of your existing customers.

On day two of the WoolSafe Conference we offered two tours to choose from this year. A cleaning product manufacturing tour of WoolSafe Licensee, Astonish or the Fleece to Floor Tour which follows the the whole

wool carpet manufacturing process from the grading depot at British Wool, through the scouring at Haworth Scouring plant, on to the yarn spinning process at Lawton Yarns and ending with a facinating look at woven carpet manufacturing at Calderdale Carpets.

Lunch was kindly provided by our friends at Lawton Yarns in their fantastic new wool showroom!

Special thanks to the conference corporate sponsors without whom the conference could not run as successfully as it does. Their support is very much appreciated by the WoolSafe staff and membership.

This year's sponsors were Legend Brands Europe, Prochem Europe, FiberProtector Norge, Sebo UK, International Textile Flooring Academy and Get Booked Up.



# Budapest Cleaning show



Ágnes meets with Kärcher's Erika Kovácsné Földő

This year Ágnes visited the Budapest Cleaning Show for the first time. Organised by The Hungarian Cleaning-Technology Association (MATISZ), the exhibition and cleaning conference took place on 5-6

October 2018 at HUNGEXPO Budapest Exhibition and Congress Centre. Over 50 companies servicing, manufacturing and distributing Cleaning-Technology in Hungary were present, some of them local distributors of global suppliers, some Hungarian manufacturers of cleaning products or machinery.

The main sponsor was Kärcher Hungaria Kft, who celebrated their 25th anniversary of business with competitions and giveaways. Other WoolSafe licensees exhibiting were Diversey and Tennant. It was good making personal contact with the local representatives, and very interesting (though sometimes an unexpected struggle) for me to talk about the WoolSafe programme in Hungarian. We hope to build closer relationships in the future.

The screenshot displays the WoolSafe Academy website interface. At the top, there's a navigation bar with links: Home, Tutors & Venues, Tech Files, Library, Rums, and Contact. Below this, a section titled 'Upcoming Classroom Courses & Events' lists three courses: 'Fibre Care Specialist training Course', 'Carpet Repair and Installation Course', and 'Advanced Specialist Cleaning Techniques for Modern Upholstery Textiles'. Each course has a brief description and a 'More information' button. Below this, a section titled 'Featured Online & Distance Learning Courses' lists three online courses: 'Fibre Care Specialist Online Course', 'Carpet Repair and Installation Course', and 'Carpet Inspector - Complaint Investigation Module'. Each online course also has a 'More information' button. The website includes a contact number (+44 1943 850 817) and a 'Course Login' button.

WoolSafe®  
**Academy**  
www.woolsafeacademy.org



WoolSafe is investing in developing our online training to bring the Academy website up-to-date and take advantage of modern technological developments.

We will improve the user experience and make the Academy and its courses accessible on smartphones and enhance the user journey when purchasing products and courses.

The website will be easier to update and maintain and be linked to our bespoke CRM system, opening up marketing opportunities with the aim of increasing the number of students enrolling through the Academy.

We will also be bringing the online course software up-to-date and add a responsive theme, 'future proofing' the online courses for years to come.

# Around the World

## WoolSafe North America

By Ruth Travis

WoolSafe Director North America

Autumn 2018 was very busy for WoolSafe North America. I taught two Rug Cleaning Technician (RCT) Courses hosted by Service Provider companies. The first was in Houston at Howard Partridge's Clean As A Whistle, the second in Nashville at John Browning's Pro-Care.



I attended the WoolSafe Conference in the UK and presented on Rug I.D. and served on a panel discussing Fabric Protectors.



I've already scheduled another RCT course in Jacksonville, FL for March 2019. Tripp House at Heirloom Oriental Rugs, another Service Provider company, will be hosting.

Prior to the Rug Summit in Denver, I visited two of our chemical licensees Masterblend and Karcher with Agnes and Steve. Lastly I attended the Rug Summit with Agnes and Steve in mid October where I spoke on a panel of rug cleaning instructors.

We continue to welcome a steady stream of new WoolSafe Approved Service Providers to the global network with four companies joining in North America this Fall (see page 19 for details).

In September I spoke at the Association of Rug Care Specialists (ARCS) program at the Experience in Las Vegas. While in Las Vegas I made a Woosafe presentation to numerous Karcher distributors alongside Bo Bodo, their National Sales Director.



Future plans for 2019 include attending the Experience in the Spring in Clearwater, Florida and Las Vegas, Nevada in the Fall.

# WoolSafe Australia & New Zealand

By Col Nation  
WoolSafe Director Australasia

It was a busy winter and spring for WoolSafe in Australia. But down under we have just started our summer season and in just the first week our country has already had unseasonal snowfalls in the high country, a huge dust storm created from the long drought, floods in Sydney, and catastrophic bushfires right up the coast of Queensland. In the second week our first Summer cyclone is forming. Welcome to Australia.



In our winter and spring season I was off to Perth in Western Australia for the Annual General Meeting and Trade Show put on by the Carpet Cleaning Association of Western Australia and I must say how impressed I was by this dynamic group of carpet cleaners. Perth is the most isolated capital city in the world and I suspect this is the reason for their cohesiveness as a group. I was up at 3 o'clock in the morning to start my journey and arrived late in their afternoon and they are three hours behind my local time on the Eastern side of the country. We had a great group of people at the WoolSafe Fibre Care Specialist course and three people also did the WoolSafe

Inspector course before I headed back to the East.

I was then off south to Melbourne to run a WoolSafe Fibre Care Specialist course and a Specialised Stain Removal training at the facility of TACT Specialised Training owned by Steve and Lorinda Penn. It was the last course in their old building that is making way for a whole new setup and I can't wait to see this new facility.

Because of the vast distances between population centres in Australia it makes it difficult to put on traditional classes, so a lot of the training I do is one on one or small group training where either I travel to the student or they come to my place on the Sunshine Coast, one of Australia's premier holiday locations. But recently I went to the Central Coast of New South Wales to do a small group session followed by a one on one Inspector course for a long time WASP Paul Sharp from Central Coast Citrus Clean. This is where I met both Buddy the black cockatoo and the famous McQueen from the movie 'Cars' who was staying at my motel.





On a different note, I have been working over the years with Standards Australia, our standards body in Australia and we are pleased to be able to announce the release of our updated carpet cleaning standard, Australian / New Zealand Standard 3733. The original 1990 version was the first carpet cleaning standard ever adopted by

any government. It was upgraded back in 1995 and this latest version brings in some important changes partly inspired by WoolSafe in regard to the residual pH being lowered from 5.5 to 8.5 down to 5.5 to 7.

Among other changes some important measures for the prevention of cross contamination between facilities, especially for the health care sector. As we head into 2019 we are making some big changes here in Australia. Our son in law Ben is taking over our busy specialty cleaning business which should free us up for more WoolSafe and training work, so we are looking for a brighter future for WoolSafe in Australia.

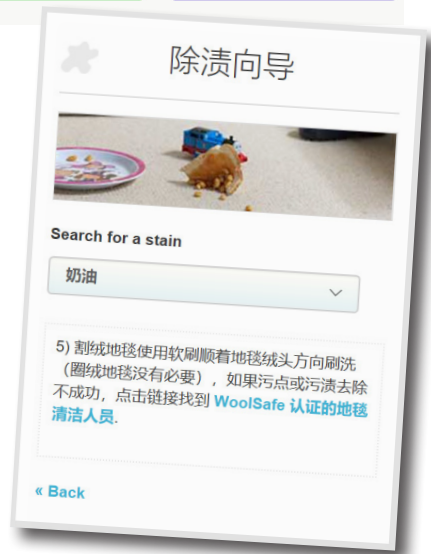
## WoolSafe China



A dedicated website for China is under development to meet the special language and information requirements of their emerging market and to tackle the internet access issues that are unique to China.

Translations have been completed for many areas of the site including the WoolSafe Spot and Stain Removal Guide Wizard and the WoolSafe Approved search facilities for WASPs, Rug Care Specialists, Inspectors, products and their manufacturers.

To facilitate the expansion of the WASP network in China, WoolSafe is developing a course to fulfill the need for comprehensive training that teaches everything from basic carpet and upholstery cleaning methods through advanced spot removal and the WoolSafe Fibre Care Specialist programme. The online course should be live by the spring of 2019.





## In The WoolSafe Lab

*By Dr. Agnes Zsednai  
WoolSafe Managing Director*

### The Effect of Enzyme Containing Products on Wool Carpet

The first part of this work has been reported in the Spring 2018 issue of the WoolSafe Magazine. This article contains the result of further research.

First, a quick summary of the background and the initial experiments.

As consumers' demand for environmentally-friendly cleaning grows, chemical manufacturers strive to formulate greener, safer products. They increasingly use enzymes or enzyme producing bacteria in their formulations, which will lead to effective cleaning even with reduced amount of surfactant and without strong additives. This is good for the environment, but is it safe for wool? Will the enzymes damage the wool in the carpet once they finished breaking down the protein in the staining? WoolSafe had to investigate this.

In the initial experiments we used one product, a deodoriser, in different concentrations on a multicoloured 80% wool/20% nylon carpet. New and pre-worn carpet pieces were treated to see whether damage was more likely on fibres already weakened by traffic. The deodoriser was sprayed on as recommended, making the carpet slightly damp. After thorough drying the treatment was repeated three times to simulate multiple applications. We did not observe any change in the carpet's appearance or handle even by the

highest product application rate. None of the colours were affected either.

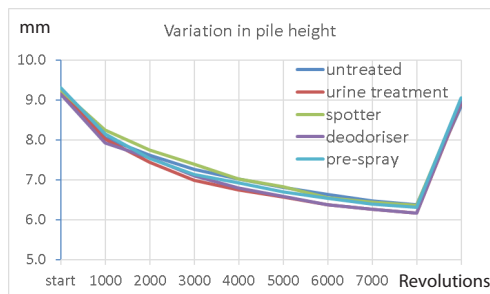
The change in the pile height of all the differently treated samples was monitored whilst worn in the Hexapod machine, and we found no difference. Similarly, there was no difference between the amount of fibre shed by the differently treated samples during the test.

Encouraged by these results, we widened the range of products and in the new experiments included a urine treatment, a pre-spray and a spotter with the deodoriser – all from different manufacturers. This time we used the standard test carpet: 100% undyed, double scoured wool.

First, we made sure all the products to be used satisfied the standard WoolSafe criteria. Then the carpet samples were treated with the maximum recommended dose six times, over a two-week period. After thorough drying and vacuuming they were subjected to accelerated wear in the Hexapod machine, all together for 8000 revolutions, which represent 5 year's wear. After each 1000 revolutions the samples were vacuumed, the shed fibres collected, and the pile height measured.

Picture 1. shows that there is no significant difference between the decrease in pile height of the differently treated and the

untreated sample. Moreover, when the samples later were extracted with warm water (in preparation for the alkaline solubility tests), all samples regained the lost height, confirming the lack of damage.



Picture 1. Change of pile height during wear and after extraction with water.

Shedding during the experiment was minimal and similar for all treatments. If one of the enzyme containing products had caused damage to the fibre, there would have been increased shedding.

Another experiment often used to detect damage caused to wool fibres is the alkaline solubility test (ASTM D1283-05). It involves dissolving a known amount of wool fibre in sodium hydroxide. Undamaged scoured wool has typical alkali-solubility of 9 – 15%. Any deviation from that can indicate damage. First we established the alkaline solubility of the wool from the untreated test carpet. The four samples gave the average solubility of 13.05%  $\pm$  2.7%. The alkaline solubility of all samples is shown in Table 1.

Product Type	Average Solubility %
Spotter	9.50
Urine treatmet	10.70
Deodoriser	11.94
Pre-Spray	12.00
Untreated	13.05

Table 1. alkaline solubility test results

The last three figures are within tolerances, but the decreased solubility of the wool treated with the spotter and the urine treatment gave some cause for concern. It could indicate that the treatment itself had already dissolved some of the fibre, decreasing the amount available to dissolve in the experiment. On the other hand, high degree of damage would have opened more of the fibre, so solubility would have increased.

To get a better picture of what was happening to the fibres, we sent multiple samples of each treated and untreated carpets for investigation by scanning electron-microscopy. Only in one of the samples treated with the spotter could some damage to the cortical cells be observed. All other samples were the same as the untreated one, showing no damage due to the enzyme.

If the enzyme had attacked the fibre, we would have seen increased shedding, poor wear characteristics and damage to the fibres when investigated by scanning electron-microscopy. None of these occurred to a significant level. As in these experiments we used extreme circumstances: much higher than the recommended dosage over a long period of time without rinsing, we can reasonably assume that under normal usage none of these products would cause damage to wool carpets. As mentioned before, all of these products have satisfied the standard WoolSafe requirements.

Consequently, we cannot see any reason for excluding products from WoolSafe testing simply because they contain enzymes. However, we still recommend thorough rinsing once they finished their job.

More research is available in the Technical Files and Library at [www.WoolSafeAcademy.org](http://www.WoolSafeAcademy.org)



## What 'Certification Mark' means.

If you look closely at the WoolSafe Approved Mark you will notice that it says "Certification Mark". A Certification Mark provides a guarantee that the goods or services bearing the mark meet a certain defined standard or possess a particular characteristic. A Certification Mark is usually registered in the name of a trade association, government department, technical institute or similar body. The owner of the Mark will define the applicable standards or characteristics.

A Certification Mark on a commercial product indicates therefore that:

1. the product conforms to an accepted product standard or regulation and that the manufacturer of the product has verified compliance with that standard;
2. the standard (or protocol) (in this case WoolSafe Standard WS 1001, which contains the test methods, performance (Pass/Fail) requirements, frequency of (re-) testing, etc.) used for the certification process, has been published by the organisation that has issued the certification and is therefore 'in the public domain'.

Certification is often mistakenly understood to be an endorsement, which it is not. Certifying organisations will test products according to standard procedures and list them as compliant to that standard.

They do not endorse anything except the use of the Mark to show that a product has been certified for compliance with a specific standard.

This also means, that any product that has been tested and found to comply with the product standard, has to be granted certification and be listed by the certifying organisation.

In practice, certification and listing cannot therefore be refused if a product meets the certification requirements.

The WoolSafe Organisation, for instance, cannot refuse to accept a product for testing, certification and listing because it doesn't like or approve of the applying company. Neither can WoolSafe refuse if another company, for instance a competitor, objects to the applicant getting certification for one of their products. This is a level playing field: everyone is treated equally.

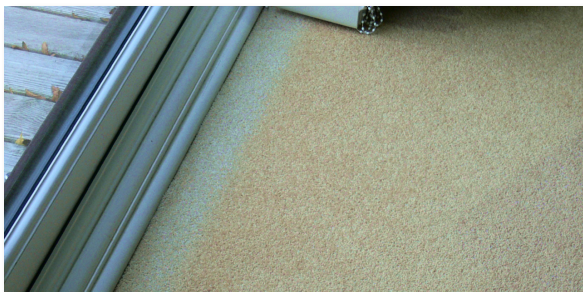
It has worked well. WoolSafe certification has been around now for 27 years, and there are over 300 WoolSafe Approved commercial products from 70 cleaning chemical suppliers worldwide. These approved products cover both the consumer and professional carpet cleaning markets.



# The magnifying glass

# UNDER

*By Dr Eric M Brown  
WoolSafe Certified Trainer*



## The Case Of The Wacky Window Cleaner

Given that the carpet in the photograph had only been installed for six months from November to May few would doubt that the light fastness of the carpet is inadequate. (The manufacturer's view was the light fastness was satisfactory but had happened because the carpet had been laid against patio doors!). Tests confirmed that the light fastness of the carpet was indeed less than might be expected, even for a carpet in a pastel shade.

In the carpet in the picture there is a very clear demarcation between that laid between the window and the vertical blinds (not shown) and that in the rest of the room. But what if this demarcation had not been so regular?

From time to time we see similar types of 'bleaching' at windows where light fastness tests show that the performance of the carpet is perfectly satisfactory. Such a case came to our attention very recently (no picture I am afraid because the job is too topical). A similar appearance to the one in the picture except that there was no straight line demarcation between faded and unfaded areas. Instead the

demarcation between them was somewhat uneven.

It is usually quite easy to identify sunlight fading because only the tips of the tufts are affected and that was the case in the present instance. So it was highly likely – given the proximity of the window and the tippy appearance – that light is involved. But that doesn't explain the somewhat random nature of the fading. A quick series of lab tests on aqueous extracts however solved the paradox. In normal areas, the carpet had a pH of around 7. In the 'bleached' area it varied from 8.4 to 9.3.

'Bleached' is perhaps an unsuitable term to use because it infers that bleach is actually involved. Tests for chloride ions – which we would expect to be positive if hypochlorite bleach was involved – were negative. On closer enquiry however it transpired that the windows were cleaned inside and outside on a monthly frequency. What has clearly happened is that window cleaning detergent has dripped onto the carpet and caused a shift in pH which has destabilised the dye, wrecking its light fastness properties in the process.

# New WoolSafe Licensees!



## AQUADEFENCE®

London based company, [ACE Carpet Cleaners](#) have become WoolSafe licensees having gained WoolSafe certification on their water-based protector, Aquadefence.

[Aquadefence](#) is a unique none-toxic stain repellent specially designed for delicate and water sensitive textiles. The benefits of Aquadefence include no texture or colour change; it will also not alter the breathability of the fabric.

Aquadefence has been working on a huge project in the city of London and has been instrumental in helping this building to become the first building in the world to achieve both BREEAM and WELL building gold standard. Aquadefence is both MAZ GREEN certified and WOOLSAFE Approved worldwide.

Ivan Hayes-Scott of Aquadefence says, 'We at Aquadefence are very proud of what we have achieved and are very much looking forward to working with WoolSafe for this project and all that may come with it.' [www.aquadefence.com](http://www.aquadefence.com)

**worldofclean**   
01209 204343  
**Carpet Cleaning Solutions & Machines**

"At [Solution World of Clean](#) it is not our intention to bring you the widest range of products, instead we have carefully selected or developed those that offer the professional cleaner the very best in terms of performance and value." says Solution owner, Nick Robertson-Vousden. "However we do advise a slightly different route in terms of how to approach cleaning. Our advice is designed to save you both time and money.

Many of the products have been developed by and are unique to Solution. We are continually working to develop the next generation in cleaning products and are delighted to work closely with The WoolSafe Organisation to offer WoolSafe Approved Solution products [Fusion 8 Super Concentrate](#) and [M-Power](#) to its members.

The team, behind Solution have many years of actual hands-on experience in the cleaning industry, the senior management team are equipped not only to just appraise each product, but to supply the very best technical support and 'real-world' advice in the industry.

Please contact us on 01209 204343 or check out our website [www.worldofclean.co.uk](http://www.worldofclean.co.uk) to find out more about our innovative products and service, or if you require technical information."



Another great problem solver, **PURT** (Pet Urine Odor Removal) from long time licensees, **Chem Dry** has gained WoolSafe accreditation. The proprietary PURT process has been specifically formulated to break down molecules found deep in the carpet that are the source of the odours. When used along

with Chem Dry's Hot Carbonating Extraction (HCE) cleaning process and a sanitizer, an independent study found that P.U.R.T. removes an average of 99.2% of the bacteria from pet urine stains in carpets, removing 99.9% of the odours.



American licensee and consumer product supplier, **Wool Wares LLC** have added a new spot remover to their range of WoolSafe approved products. The new **Natural Spot Remover** is suitable to remove stubborn waterbased stains from textile floor coverings.

Good news for anyone who owns, sells or maintains Tencel or viscose carpets: there is now a protector to help you keep them stain free. Our Norwegian licensees, **Fiber ProTector**, have modified their WoolSafe approved solvent based protector to be especially effective on cellulosic fibres.

This new product, called **Protector for Delicate Fibres**, is also WoolSafe approved and was demonstrated at this year's WoolSafe Conference by Fiber ProTector CEO, Espen Vogt.



Another new approved protector is Ultimate from **MasterBlend**, a variant on the already WoolSafe approved, popular Ultimate with UV protection.

**Ultimate Solvent Fabric Protector** is a premium solvent fluorochemical fabric protector for upholstery and specialty textiles. Imparts outstanding water, oil, and soil repellency to both natural and synthetic fabrics. Ultimate provides excellent fiber penetration using a highly refined odorless mineral spirit carrier.

MasterBlend's WoolSafe and CleanSeal approved range now stands at sixteen, one of the largest, covering every product type and even including an EnviroSeal approved dry compound cleaner.



Ecolab Professional Products have introduced three new carpet care products to their expanding range of WoolSafe approved solutions.

Revitalize™ Encapsulation Carpet Cleaner and FaciliPro Encapsulation Carpet Cleaner are low-moisture interim cleaners that use a polymer technology to encapsulate soil and prevent it from reattaching to the carpet. Soil is removed during the next scheduled vacuuming. They are great for quick turnaround in high traffic areas with a dry time of less than one hour.

The third is 3 in 1 Carpet Cleaner and Spot Remover, a peroxide based liquid carpet cleaner. It can be used as an extraction cleaner, pre-spray cleaner and a carpet spotter on synthetic carpets and is also WoolSafe approved at the lower dilution of 2oz/gallon as an extraction cleaner and pre-spray.

## New Service Providers



Jeremy Noble  
Noble's Rug and Carpet Cleaning  
Flat 1 Williams Mews  
The Crofts  
Witney  
Oxfordshire OX28 4DL  
01993 700261  
07847208563  
[www.noblescarpetcleaning.com](http://www.noblescarpetcleaning.com)



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[www.mychristophers.com](http://www.mychristophers.com)

Expert Carpet Cleaning  
Graeme Baumgarten,  
Fremantle, WA 6160  
Australia  
Mobile: 0418 957 690  
[www.expertcarpetcleaning.com.au](http://www.expertcarpetcleaning.com.au)

Capital Steam Cleaners  
Sean Thomas  
Wanneroo WA 6065  
Australia  
Phone: 08 94051462  
[www.capitalcarpetcleaners.com.au](http://www.capitalcarpetcleaners.com.au)

Kenwood Cleaning Systems  
Scott Dumphy  
8301 73rd Ave. N. Suite 23  
Brooklyn Park MN  
55428 USA  
612-377-0170  
[www.KenwoodCleaningSystems.com](http://www.KenwoodCleaningSystems.com)

Jem's Carpet and Tiles  
Jemma Thurston  
Banjup WA 6164  
Australia  
Phone: 08 65557789  
[www.jemscarpetandtiles.com.au](http://www.jemscarpetandtiles.com.au)

Basic Carpet Care  
Mike Brummett  
1219 N. 1800 Road  
Lawrence KS  
66049 USA  
Phone: 785-979-6851  
[www.basiccarpetcare.com](http://www.basiccarpetcare.com)

### New WoolSafe Registered Inspector

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If you are an experienced and highly trained professional carpet or rug cleaner and would like to benefit from membership of the global WoolSafe Approved Service Provider programme, please contact your local Director (see back page) or email: [Steve@WoolSafe.org](mailto:Steve@WoolSafe.org)

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